

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|---|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-14K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 5 | kW | Seasonal space heating energy efficiency | η_s | 137 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | 4.3 | kW | $T_j = -7\text{ °C}$ | COPd | 2.47 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 2.7 | kW | $T_j = 2\text{ °C}$ | COPd | 3.19 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 1.7 | kW | $T_j = 7\text{ °C}$ | COPd | 4.89 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 1.6 | kW | $T_j = 12\text{ °C}$ | COPd | 6.61 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 4.3 | kW | $T_j = \text{bivalent temperature}$ | COPd | 2.47 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 3.6 | kW | $T_j = \text{operation limit temperature}$ | COPd | 1.56 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 1.4 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 3200 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 58 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 2882 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 128 | % |
| Daily electricity consumption | Q _{elec} | 6.237 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1372 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gvtqhtgf i tqw @qo 0' | | | | P co g'cpf 'cf f tgu'qh'j g'lw r r dgt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ugpwo gpcv; 9.'2: 24; 'Dctegrupc(Uf clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|--------------------|
| Model(s):AOWD-MB LOGIK-14K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 4 | kW | Seasonal space heating energy efficiency | ηs | 112 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 2.6 | kW | Tj = -7 °C | COPd | 2.05 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 1.6 | kW | Tj = 2 °C | COPd | 3.77 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 7 °C | Pdh | 1.3 | kW | Tj = 7 °C | COPd | 5.15 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 1.5 | kW | Tj = 12 °C | COPd | 7.21 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 3.5 | kW | Tj = bivalent temperature | COPd | 1.76 | - |
| Tj = operation limit temperature | Pdh | 2.5 | kW | Tj = operation limit temperature | COPd | 1.20 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 3.5 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 1.76 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 1.5 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 3200 | m ³ / h |
| Sound power level, outdoors | L _{WA} | 58 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ / h |
| Annual energy consumption | Q _{HE} | 3721 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 90 | % |
| Daily electricity consumption | Q _{elec} | 8.826 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1942 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwtqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ug'pvo g'pcv; 9.'2: 24; 'Dctegm'pc'U' r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-14K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 5 | kW | Seasonal space heating energy efficiency | ηs | 170 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 5.2 | kW | Tj = 2 °C | COPd | 2.44 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 7 °C | Pdh | 3.2 | kW | Tj = 7 °C | COPd | 3.67 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 12 °C | Pdh | 1.5 | kW | Tj = 12 °C | COPd | 5.79 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 5.2 | kW | Tj = bivalent temperature | COPd | 2.44 | - |
| Tj = operation limit temperature | Pdh | 5.2 | kW | Tj = operation limit temperature | COPd | 2.44 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 3200 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 58 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 1604 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 120 | % |
| Daily electricity consumption | Q _{elec} | 6.665 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1466 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwtqhtgf i tqw (tqo 0' | | | | P co g'c'pf 'cf f t'gu'qh'yj g'lw r r'igt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ug'pvo gpcv; 9.'2: 24; 'Dcteg'ncp'U' r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-14K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 5 | kW | Seasonal space heating energy efficiency | ηs | 192 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 4.8 | kW | Tj = -7 °C | COPd | 3.43 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 3.1 | kW | Tj = 2 °C | COPd | 4.83 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 1.9 | kW | Tj = 7 °C | COPd | 5.95 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 1.7 | kW | Tj = 12 °C | COPd | 8.49 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| Tj = bivalent temperature | Pdh | 4.8 | kW | Tj = bivalent temperature | COPd | 3.43 | - |
| Tj = operation limit temperature | Pdh | 4.4 | kW | Tj = operation limit temperature | COPd | 2.46 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0.6 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 3200 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 58 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 2306 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 128 | % |
| Daily electricity consumption | Q _{elec} | 6.237 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1372 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwtqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ug'pvo g'pcv; 9.'2: 24; 'Dctegm'pc'U' r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-14K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 5 | kW | Seasonal space heating energy efficiency | η_s | 168 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | 2.9 | kW | $T_j = -7\text{ °C}$ | COPd | 3.43 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 1.8 | kW | $T_j = 2\text{ °C}$ | COPd | 5.41 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 1.3 | kW | $T_j = 7\text{ °C}$ | COPd | 6.24 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 1.5 | kW | $T_j = 12\text{ °C}$ | COPd | 8.38 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 3.7 | kW | $T_j = \text{bivalent temperature}$ | COPd | 2.85 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 3.2 | kW | $T_j = \text{operation limit temperature}$ | COPd | 1.65 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C) | Pdh | 3.7 | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C) | COPd | 2.85 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 1.8 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 3200 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 58 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 2630 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 90 | % |
| Daily electricity consumption | Q _{elec} | 8.826 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1942 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeUir clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|---------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-14K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 5 | kW | Seasonal space heating energy efficiency | η_s | 239 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | NA | kW | $T_j = -7\text{ °C}$ | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 5.1 | kW | $T_j = 2\text{ °C}$ | COPd | 3.85 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 3.4 | kW | $T_j = 7\text{ °C}$ | COPd | 5.80 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 1.5 | kW | $T_j = 12\text{ °C}$ | COPd | 7.20 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 5.1 | kW | $T_j = \text{bivalent temperature}$ | COPd | 3.85 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 5.1 | kW | $T_j = \text{operation limit temperature}$ | COPd | 3.85 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | P _{ych} | NA | kW | Cycling interval efficiency | COP _{cyce} | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 3200 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 58 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 1124 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 120 | % |
| Daily electricity consumption | Q _{elec} | 6.665 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1466 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcevf gcknu< ucvgtqhtgf i tqw @qo 0' | | | | P co g'epf 'cft tgu'qh'y g'lw r rgt <'Gwtqhtgf 'UC0 E IO cts w' u'F g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeU r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-18K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 5 | kW | Seasonal space heating energy efficiency | η_s | 137 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 4.3 | kW | Tj = -7 °C | COPd | 2.47 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 2.7 | kW | Tj = 2 °C | COPd | 3.19 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 1.7 | kW | Tj = 7 °C | COPd | 4.89 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 1.6 | kW | Tj = 12 °C | COPd | 6.61 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| Tj = bivalent temperature | Pdh | 4.3 | kW | Tj = bivalent temperature | COPd | 2.47 | - |
| Tj = operation limit temperature | Pdh | 3.6 | kW | Tj = operation limit temperature | COPd | 1.56 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Ppsych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 1.4 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | | | | |
| Standby mode | P _{SB} | 0.025 | kW | Type of energy input | Electric | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 3200 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 58 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 2882 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 128 | % |
| Daily electricity consumption | Q _{elec} | 6.237 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1372 | kWh | Annual fuel consumption | AFC | NA | GJ |
| EqpvceVf gcku< ucWqtgf i tqw @qo 0' | | | | P co g'cpf "cf f tguu'qh'j g'lw r rgt <"Gwtqhtgf 'UCC0 E IO cts w'uf g'Ugnpo gpcv; 9.'2: 24; 'DctegmpeUf clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-18K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 5 | kW | Seasonal space heating energy efficiency | ηs | 120 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 3.3 | kW | Tj = -7 °C | COPd | 2.55 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 1.8 | kW | Tj = 2 °C | COPd | 3.67 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 7 °C | Pdh | 1.3 | kW | Tj = 7 °C | COPd | 5.15 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 1.5 | kW | Tj = 12 °C | COPd | 7.21 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 4.0 | kW | Tj = bivalent temperature | COPd | 1.91 | - |
| Tj = operation limit temperature | Pdh | 2.5 | kW | Tj = operation limit temperature | COPd | 1.20 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 4.0 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 1.91 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 2.5 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 3200 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 58 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 3976 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 90 | % |
| Daily electricity consumption | Q _{elec} | 8.826 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1942 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< ucv'gtqitgf i tqw (tqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r'igt<"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ug'pvo gpcv; 9.'2: 24; 'Dctegm'pcU' r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-18K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 6 | kW | Seasonal space heating energy efficiency | ηs | 183 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 6.0 | kW | Tj = 2 °C | COPd | 2.50 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 7 °C | Pdh | 3.9 | kW | Tj = 7 °C | COPd | 4.00 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 12 °C | Pdh | 1.7 | kW | Tj = 12 °C | COPd | 6.13 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 6.0 | kW | Tj = bivalent temperature | COPd | 2.50 | - |
| Tj = operation limit temperature | Pdh | 6.0 | kW | Tj = operation limit temperature | COPd | 2.50 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 3200 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 58 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 1722 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 120 | % |
| Daily electricity consumption | Q _{elec} | 6.665 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1466 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwtqhtgf i tqw (eqo 0' | | | | P co g'c'pf 'cf f t'gu'qh'yj g'lw r r'igt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ug'pvo gpcv; 9.'2: 24; 'Dcteg'ncp'U'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-18K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 6 | kW | Seasonal space heating energy efficiency | η_s | 199 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | 5.1 | kW | $T_j = -7\text{ °C}$ | COPd | 3.22 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 3.4 | kW | $T_j = 2\text{ °C}$ | COPd | 4.86 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 2.0 | kW | $T_j = 7\text{ °C}$ | COPd | 7.09 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 1.7 | kW | $T_j = 12\text{ °C}$ | COPd | 8.49 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 5.1 | kW | $T_j = \text{bivalent temperature}$ | COPd | 3.22 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 4.4 | kW | $T_j = \text{operation limit temperature}$ | COPd | 2.46 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20°C) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20°C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 1.6 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 3200 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 58 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 2386 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 128 | % |
| Daily electricity consumption | Q _{elec} | 6.237 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1372 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwtqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ug'pvo g'pcv; 9.'2: 24; 'Dctegm'pc'U' r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-18K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 5 | kW | Seasonal space heating energy efficiency | ηs | 164 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 3.2 | kW | Tj = -7 °C | COPd | 3.47 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 1.9 | kW | Tj = 2 °C | COPd | 5.18 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 7 °C | Pdh | 1.3 | kW | Tj = 7 °C | COPd | 6.24 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 1.5 | kW | Tj = 12 °C | COPd | 8.38 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 3.9 | kW | Tj = bivalent temperature | COPd | 2.77 | - |
| Tj = operation limit temperature | Pdh | 3.2 | kW | Tj = operation limit temperature | COPd | 1.65 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 3.9 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 2.77 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 1.8 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 3200 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 58 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 2825 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 90 | % |
| Daily electricity consumption | Q _{elec} | 8.826 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1942 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwtqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|-------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-18K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 5 | kW | Seasonal space heating energy efficiency | η_s | 239 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | NA | kW | $T_j = -7\text{ °C}$ | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 5.1 | kW | $T_j = 2\text{ °C}$ | COPd | 3.85 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 3.4 | kW | $T_j = 7\text{ °C}$ | COPd | 5.80 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 1.5 | kW | $T_j = 12\text{ °C}$ | COPd | 7.20 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 5.1 | kW | $T_j = \text{bivalent temperature}$ | COPd | 3.85 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 5.1 | kW | $T_j = \text{operation limit temperature}$ | COPd | 3.85 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Ppsych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P_{OFF} | 0.025 | kW | Rated heat output (*) | P_{sup} | 0 | kW |
| Thermostat-off mode | P_{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P_{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P_{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 3200 | m ³ /h |
| Sound power level, outdoors | L_{WA} | 58 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q_{HE} | 1124 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 120 | % |
| Daily electricity consumption | Q_{elec} | 6.665 | kWh | Daily fuel consumption | Q_{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1466 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqvpcv'f gcknu< uc'gwqhtgf i tqw @qo 0' | | | | P co g'epf 'cf f t guu'qh'y g'lw r r ngt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeU r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|---|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-28K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | Y | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 9 | kW | Seasonal space heating energy efficiency | η_s | 145 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | 8.3 | kW | $T_j = -7\text{ °C}$ | COPd | 2.33 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 5.2 | kW | $T_j = 2\text{ °C}$ | COPd | 3.57 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 3.3 | kW | $T_j = 7\text{ °C}$ | COPd | 4.96 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.0 | kW | $T_j = 12\text{ °C}$ | COPd | 6.56 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 8.3 | kW | $T_j = \text{bivalent temperature}$ | COPd | 2.33 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 8.7 | kW | $T_j = \text{operation limit temperature}$ | COPd | 1.81 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0.3 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 5060 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 123 | % |
| Daily electricity consumption | Q _{elec} | 6.506 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-28K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | Y | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 8 | kW | Seasonal space heating energy efficiency | ηs | 125 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 5.2 | kW | Tj = -7 °C | COPd | 2.83 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 2.9 | kW | Tj = 2 °C | COPd | 3.73 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 2.4 | kW | Tj = 7 °C | COPd | 4.44 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = 12 °C | Pdh | 3.0 | kW | Tj = 12 °C | COPd | 7.10 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = bivalent temperature | Pdh | 6.7 | kW | Tj = bivalent temperature | COPd | 2.09 | - |
| Tj = operation limit temperature | Pdh | 4.1 | kW | Tj = operation limit temperature | COPd | 1.06 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 6.7 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 2.09 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 3.9 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 6322 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 101 | % |
| Daily electricity consumption | Q _{elec} | 7.905 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1739 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwtqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-28K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | Y | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 9 | kW | Seasonal space heating energy efficiency | ηs | 190 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 8.6 | kW | Tj = 2 °C | COPd | 2.59 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 7 °C | Pdh | 6.3 | kW | Tj = 7 °C | COPd | 4.21 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 12 °C | Pdh | 3.0 | kW | Tj = 12 °C | COPd | 6.32 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = bivalent temperature | Pdh | 8.6 | kW | Tj = bivalent temperature | COPd | 2.59 | - |
| Tj = operation limit temperature | Pdh | 8.6 | kW | Tj = operation limit temperature | COPd | 2.59 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0.4 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 2372 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 123 | % |
| Daily electricity consumption | Q _{elec} | 6.505 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcknu< uc'gwtqhtgf i tqw (eqo 0' | | | | P co g'c'pf 'cf f t'gu'qh'y g'lw r r'igt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ug'pvo g'pcv; 9.'2: 24; 'Dcteg'ncp'U'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|--------------------|
| Model(s): AOWD-MB LOGIK-28K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | Y | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 8 | kW | Seasonal space heating energy efficiency | ηs | 177 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 7.4 | kW | Tj = -7 °C | COPd | 3.12 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 4.4 | kW | Tj = 2 °C | COPd | 4.44 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 3.0 | kW | Tj = 7 °C | COPd | 5.31 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 3.2 | kW | Tj = 12 °C | COPd | 7.69 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| Tj = bivalent temperature | Pdh | 7.4 | kW | Tj = bivalent temperature | COPd | 3.12 | - |
| Tj = operation limit temperature | Pdh | 7.8 | kW | Tj = operation limit temperature | COPd | 2.77 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0.2 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ / h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ / h |
| Annual energy consumption | Q _{HE} | 3827 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 123 | % |
| Daily electricity consumption | Q _{elec} | 6.506 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwtqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ug'pvo g'pcv; 9.'2: 24; 'Dctegm'pc'U' r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|--------------------|
| Model(s): AOWD-MB LOGIK-28K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | Y | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 9 | kW | Seasonal space heating energy efficiency | ηs | 165 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 5.7 | kW | Tj = -7 °C | COPd | 3.45 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 3.5 | kW | Tj = 2 °C | COPd | 5.16 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 7 °C | Pdh | 2.6 | kW | Tj = 7 °C | COPd | 6.69 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 3.0 | kW | Tj = 12 °C | COPd | 7.53 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 7.4 | kW | Tj = bivalent temperature | COPd | 2.70 | - |
| Tj = operation limit temperature | Pdh | 6.1 | kW | Tj = operation limit temperature | COPd | 1.87 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 7.4 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 2.70 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 2.9 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ / h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ / h |
| Annual energy consumption | Q _{HE} | 5303 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 101 | % |
| Daily electricity consumption | Q _{elec} | 7.905 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1739 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwtqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeUir clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|---------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-28K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | Y | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 9 | kW | Seasonal space heating energy efficiency | η_s | 257 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | NA | kW | $T_j = -7\text{ °C}$ | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 9.4 | kW | $T_j = 2\text{ °C}$ | COPd | 3.85 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 6.1 | kW | $T_j = 7\text{ °C}$ | COPd | 6.07 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.2 | kW | $T_j = 12\text{ °C}$ | COPd | 7.83 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 9.4 | kW | $T_j = \text{bivalent temperature}$ | COPd | 3.85 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 9.4 | kW | $T_j = \text{operation limit temperature}$ | COPd | 3.85 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | P _{ych} | NA | kW | Cycling interval efficiency | COP _{cyce} | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 1942 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 123 | % |
| Daily electricity consumption | Q _{elec} | 6.505 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcev'f gcknu< uc'gwqhtgf i tqw @qo 0' | | | | P co g'epf 'cf f t guu'qh'y g'lw r r ngt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeU r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|--------------------|
| Model(s): AOWD-MB LOGIK-28TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 9 | kW | Seasonal space heating energy efficiency | ηs | 135 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 7.8 | kW | Tj = -7 °C | COPd | 2.14 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 5.0 | kW | Tj = 2 °C | COPd | 3.37 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 3.3 | kW | Tj = 7 °C | COPd | 4.53 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 12 °C | Pdh | 3.0 | kW | Tj = 12 °C | COPd | 5.44 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 7.8 | kW | Tj = bivalent temperature | COPd | 2.14 | - |
| Tj = operation limit temperature | Pdh | 8.6 | kW | Tj = operation limit temperature | COPd | 2.07 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0.4 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ / h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ / h |
| Annual energy consumption | Q _{HE} | 5261 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 123 | % |
| Daily electricity consumption | Q _{elec} | 6.507 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwtqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ug'pvo g'pcv; 9.'2: 24; 'Dctegm'pc'U' r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-28TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 8 | kW | Seasonal space heating energy efficiency | ηs | 120 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 5.1 | kW | Tj = -7 °C | COPd | 2.75 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 3.0 | kW | Tj = 2 °C | COPd | 3.4 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 7 °C | Pdh | 3.2 | kW | Tj = 7 °C | COPd | 4.61 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = 12 °C | Pdh | 3.0 | kW | Tj = 12 °C | COPd | 5.79 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 6.8 | kW | Tj = bivalent temperature | COPd | 2.20 | - |
| Tj = operation limit temperature | Pdh | 4.4 | kW | Tj = operation limit temperature | COPd | 1.22 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 6.8 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 2.20 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 3.6 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 6706 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 101 | % |
| Daily electricity consumption | Q _{elec} | 7.906 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1739 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvevf gcku< ucQwtqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwtqhtgf 'UCC0 EJO cts w' u'f g'Ug'pvo g'pcv; 9.'2: 24; 'Dctegm'pcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-28TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 9 | kW | Seasonal space heating energy efficiency | ηs | 168 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 8.9 | kW | Tj = 2 °C | COPd | 2.12 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 7 °C | Pdh | 6.3 | kW | Tj = 7 °C | COPd | 3.99 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 12 °C | Pdh | 3.0 | kW | Tj = 12 °C | COPd | 5.29 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = bivalent temperature | Pdh | 8.9 | kW | Tj = bivalent temperature | COPd | 2.12 | - |
| Tj = operation limit temperature | Pdh | 8.9 | kW | Tj = operation limit temperature | COPd | 2.12 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0.1 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 2751 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 123 | % |
| Daily electricity consumption | Q _{elec} | 6.506 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwtqhtgf i tqw (eqo 0' | | | | P co g'c'pf 'cf f t'guu'qh'yj g'lw r r'igt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ug'pvo g'pcv; 9.'2: 24; 'Dcteg'ncp'U'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-28TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 8 | kW | Seasonal space heating energy efficiency | ηs | 176 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 7.4 | kW | Tj = -7 °C | COPd | 3.12 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 4.2 | kW | Tj = 2 °C | COPd | 4.17 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 2.84 | kW | Tj = 7 °C | COPd | 5.92 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 3.2 | kW | Tj = 12 °C | COPd | 7.18 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| Tj = bivalent temperature | Pdh | 7.4 | kW | Tj = bivalent temperature | COPd | 3.12 | - |
| Tj = operation limit temperature | Pdh | 8.0 | kW | Tj = operation limit temperature | COPd | 2.84 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 3882 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 123 | % |
| Daily electricity consumption | Q _{elec} | 6.507 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwtqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-28TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 9 | kW | Seasonal space heating energy efficiency | ηs | 142 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 5.4 | kW | Tj = -7 °C | COPd | 2.75 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 3.2 | kW | Tj = 2 °C | COPd | 4.52 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 2.6 | kW | Tj = 7 °C | COPd | 5.63 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| Tj = 12 °C | Pdh | 3.2 | kW | Tj = 12 °C | COPd | 7.01 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 6.0 | kW | Tj = bivalent temperature | COPd | 1.71 | - |
| Tj = operation limit temperature | Pdh | 6.1 | kW | Tj = operation limit temperature | COPd | 1.87 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 6.0 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 1.71 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 2.9 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 5935 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 101 | % |
| Daily electricity consumption | Q _{elec} | 7.906 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1739 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|-------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-28TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 9 | kW | Seasonal space heating energy efficiency | η_s | 226 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | NA | kW | $T_j = -7\text{ °C}$ | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 8.6 | kW | $T_j = 2\text{ °C}$ | COPd | 2.93 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 5.4 | kW | $T_j = 7\text{ °C}$ | COPd | 5.4 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.0 | kW | $T_j = 12\text{ °C}$ | COPd | 7.04 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 8.6 | kW | $T_j = \text{bivalent temperature}$ | COPd | 2.93 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 8.6 | kW | $T_j = \text{operation limit temperature}$ | COPd | 2.93 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Ppsych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P_{OFF} | 0.025 | kW | Rated heat output (*) | P_{sup} | 0.4 | kW |
| Thermostat-off mode | P_{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P_{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P_{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L_{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q_{HE} | 2001 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 123 | % |
| Daily electricity consumption | Q_{elec} | 6.506 | kWh | Daily fuel consumption | Q_{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqvpcv'f gcknu< uc'gwqhtgf i tqw @qo 0' | | | | P co g'epf 'cf f t guu'qh'y g'lw r r ngt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeU r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|---|-------------------|-------|--------------------|
| Model(s): AOWD-MB LOGIK-36K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 10 | kW | Seasonal space heating energy efficiency | η_s | 152 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | 9.1 | kW | $T_j = -7\text{ °C}$ | COPd | 2.42 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 5.3 | kW | $T_j = 2\text{ °C}$ | COPd | 3.62 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 3.4 | kW | $T_j = 7\text{ °C}$ | COPd | 5.47 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.4 | kW | $T_j = 12\text{ °C}$ | COPd | 7.20 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 9.1 | kW | $T_j = \text{bivalent temperature}$ | COPd | 2.42 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 9.5 | kW | $T_j = \text{operation limit temperature}$ | COPd | 2.05 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0.5 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ / h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ / h |
| Annual energy consumption | Q _{HE} | 5486 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 123 | % |
| Daily electricity consumption | Q _{elec} | 6.507 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwtqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r'igt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ug'pvo g'pcv; 9.'2: 24; 'Dctegm'p'cl' r cl'p | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-36K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 9 | kW | Seasonal space heating energy efficiency | ηs | 119 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 5.5 | kW | Tj = -7 °C | COPd | 2.77 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 3.1 | kW | Tj = 2 °C | COPd | 3.48 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 3.0 | kW | Tj = 7 °C | COPd | 4.17 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = 12 °C | Pdh | 3.1 | kW | Tj = 12 °C | COPd | 5.42 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = bivalent temperature | Pdh | 7.5 | kW | Tj = bivalent temperature | COPd | 2.10 | - |
| Tj = operation limit temperature | Pdh | 5.2 | kW | Tj = operation limit temperature | COPd | 1.22 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 7.5 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 2.10 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 3.8 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 7415 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 101 | % |
| Daily electricity consumption | Q _{elec} | 7.906 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1739 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ug'pvo g'pcv; 9.'2: 24; 'Dctegm'pc'U' r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|--------------------|
| Model(s): AOWD-MB LOGIK-36K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 10 | kW | Seasonal space heating energy efficiency | ηs | 169 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 10.1 | kW | Tj = 2 °C | COPd | 2.55 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 7 °C | Pdh | 6.5 | kW | Tj = 7 °C | COPd | 3.90 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 12 °C | Pdh | 2.9 | kW | Tj = 12 °C | COPd | 5.19 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = bivalent temperature | Pdh | 10.1 | kW | Tj = bivalent temperature | COPd | 2.55 | - |
| Tj = operation limit temperature | Pdh | 10.1 | kW | Tj = operation limit temperature | COPd | 2.55 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ / h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ / h |
| Annual energy consumption | Q _{HE} | 3157 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 123 | % |
| Daily electricity consumption | Q _{elec} | 6.506 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwtqhtgf i tqw (eqo 0' | | | | P co g'c'pf 'cf f t'gu'qh'yj g'lw r r'igt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ug'pvo g'pcv; 9.'2: 24; 'Dcteg'ncp'U' r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-36K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 9 | kW | Seasonal space heating energy efficiency | ηs | 176 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 8.0 | kW | Tj = -7 °C | COPd | 2.90 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 4.6 | kW | Tj = 2 °C | COPd | 4.41 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 4.8 | kW | Tj = 7 °C | COPd | 5.89 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 3.2 | kW | Tj = 12 °C | COPd | 6.97 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| Tj = bivalent temperature | Pdh | 8.0 | kW | Tj = bivalent temperature | COPd | 2.90 | - |
| Tj = operation limit temperature | Pdh | 8.5 | kW | Tj = operation limit temperature | COPd | 2.59 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0.5 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 4163 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 123 | % |
| Daily electricity consumption | Q _{elec} | 6.507 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwtqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ug'pvo g'pcv; 9.'2: 24; 'Dctegm'pc'U' r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|--------------------|
| Model(s): AOWD-MB LOGIK-36K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 10 | kW | Seasonal space heating energy efficiency | ηs | 152 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 6.1 | kW | Tj = -7 °C | COPd | 3.23 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 3.3 | kW | Tj = 2 °C | COPd | 4.72 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 7 °C | Pdh | 2.7 | kW | Tj = 7 °C | COPd | 5.59 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 3.2 | kW | Tj = 12 °C | COPd | 6.85 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 8.0 | kW | Tj = bivalent temperature | COPd | 2.50 | - |
| Tj = operation limit temperature | Pdh | 6.0 | kW | Tj = operation limit temperature | COPd | 1.86 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 8.0 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 2.50 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 4 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ / h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ / h |
| Annual energy consumption | Q _{HE} | 6262 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 101 | % |
| Daily electricity consumption | Q _{elec} | 7.906 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1739 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|---------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-36K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 10 | kW | Seasonal space heating energy efficiency | η_s | 223 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | NA | kW | $T_j = -7\text{ °C}$ | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 9.6 | kW | $T_j = 2\text{ °C}$ | COPd | 3.47 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 5.9 | kW | $T_j = 7\text{ °C}$ | COPd | 5.45 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.0 | kW | $T_j = 12\text{ °C}$ | COPd | 6.55 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 9.6 | kW | $T_j = \text{bivalent temperature}$ | COPd | 3.47 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 9.6 | kW | $T_j = \text{operation limit temperature}$ | COPd | 3.47 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | P _{ych} | NA | kW | Cycling interval efficiency | COP _{cyce} | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0.4 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 2266 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 123 | % |
| Daily electricity consumption | Q _{elec} | 6.506 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqvpcv'f gcklu< uc'gwqhtgf i tqw @qo 0' | | | | P co g'epf 'cf f t guu'qh'y g'lw r r ngt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeU r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|---|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-36TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 10 | kW | Seasonal space heating energy efficiency | η_s | 140 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | 9.0 | kW | $T_j = -7\text{ °C}$ | COPd | 2.45 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 5.2 | kW | $T_j = 2\text{ °C}$ | COPd | 3.44 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 3.5 | kW | $T_j = 7\text{ °C}$ | COPd | 4.63 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 2.9 | kW | $T_j = 12\text{ °C}$ | COPd | 5.21 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 9.0 | kW | $T_j = \text{bivalent temperature}$ | COPd | 2.45 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 9.6 | kW | $T_j = \text{operation limit temperature}$ | COPd | 2.15 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0.4 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 5907 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 123 | % |
| Daily electricity consumption | Q _{elec} | 6.507 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-36TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 9 | kW | Seasonal space heating energy efficiency | ηs | 124 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 5.8 | kW | Tj = -7 °C | COPd | 2.95 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 3.5 | kW | Tj = 2 °C | COPd | 3.50 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 2.7 | kW | Tj = 7 °C | COPd | 4.83 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = 12 °C | Pdh | 3.4 | kW | Tj = 12 °C | COPd | 6.08 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = bivalent temperature | Pdh | 7.6 | kW | Tj = bivalent temperature | COPd | 2.20 | - |
| Tj = operation limit temperature | Pdh | 4.1 | kW | Tj = operation limit temperature | COPd | 1.06 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 7.6 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 2.20 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 4.9 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 7206 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 101 | % |
| Daily electricity consumption | Q _{elec} | 7.906 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1739 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwtqhtgf 'UCC0 EJO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeClr clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-36TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 10 | kW | Seasonal space heating energy efficiency | ηs | 165 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 10.1 | kW | Tj = 2 °C | COPd | 2.55 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 7 °C | Pdh | 6.0 | kW | Tj = 7 °C | COPd | 3.63 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 12 °C | Pdh | 3.3 | kW | Tj = 12 °C | COPd | 5.30 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = bivalent temperature | Pdh | 10.1 | kW | Tj = bivalent temperature | COPd | 2.55 | - |
| Tj = operation limit temperature | Pdh | 10.1 | kW | Tj = operation limit temperature | COPd | 2.55 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 3236 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 123 | % |
| Daily electricity consumption | Q _{elec} | 6.506 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwtqhtgf i tqw (eqo 0' | | | | P co g'c'pf 'cf f t'gu'qh'y g'lw r r'igt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ug'pvo g'pcv; 9.'2: 24; 'Dcteg'ncp'U' r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|-------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-36TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 9 | kW | Seasonal space heating energy efficiency | η_s | 189 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | 8.3 | kW | $T_j = -7\text{ °C}$ | COPd | 3.15 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 4.6 | kW | $T_j = 2\text{ °C}$ | COPd | 4.32 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 3.3 | kW | $T_j = 7\text{ °C}$ | COPd | 7.46 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.2 | kW | $T_j = 12\text{ °C}$ | COPd | 7.44 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 8.3 | kW | $T_j = \text{bivalent temperature}$ | COPd | 3.15 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 8.3 | kW | $T_j = \text{operation limit temperature}$ | COPd | 2.74 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P_{OFF} | 0.025 | kW | Rated heat output (*) | P_{sup} | 0.7 | kW |
| Thermostat-off mode | P_{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P_{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P_{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L_{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q_{HE} | 4069 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 123 | % |
| Daily electricity consumption | Q_{elec} | 6.507 | kWh | Daily fuel consumption | Q_{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmncU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-36TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 10 | kW | Seasonal space heating energy efficiency | ηs | 150 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 5.7 | kW | Tj = -7 °C | COPd | 2.95 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 3.4 | kW | Tj = 2 °C | COPd | 4.71 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 7 °C | Pdh | 2.8 | kW | Tj = 7 °C | COPd | 6.23 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 3.2 | kW | Tj = 12 °C | COPd | 6.85 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 7.8 | kW | Tj = bivalent temperature | COPd | 2.73 | - |
| Tj = operation limit temperature | Pdh | 6.0 | kW | Tj = operation limit temperature | COPd | 1.86 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 7.8 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 2.73 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 4 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 6194 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 101 | % |
| Daily electricity consumption | Q _{elec} | 7.906 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1739 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwtqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeUir clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|---------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-36TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 10 | kW | Seasonal space heating energy efficiency | η_s | 223 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | NA | kW | $T_j = -7\text{ °C}$ | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 10.1 | kW | $T_j = 2\text{ °C}$ | COPd | 3.70 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 6.0 | kW | $T_j = 7\text{ °C}$ | COPd | 5.63 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.0 | kW | $T_j = 12\text{ °C}$ | COPd | 6.22 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 10.1 | kW | $T_j = \text{bivalent temperature}$ | COPd | 3.70 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 10.1 | kW | $T_j = \text{operation limit temperature}$ | COPd | 3.70 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | P _{ych} | NA | kW | Cycling interval efficiency | COP _{cyce} | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5800 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 2399 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 123 | % |
| Daily electricity consumption | Q _{elec} | 6.506 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1431 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqvpcv'f gcknu< uc'gwqhtgf i tqw @qo 0' | | | | P co g'epf 'cf f t guu'qh'y g'lw r r igt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcUr clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|---|----------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-40K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 12 | kW | Seasonal space heating energy efficiency | η_s | 149 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | 10.3 | kW | $T_j = -7\text{ °C}$ | COPd | 2.11 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 6.8 | kW | $T_j = 2\text{ °C}$ | COPd | 3.81 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 4.3 | kW | $T_j = 7\text{ °C}$ | COPd | 5.01 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.6 | kW | $T_j = 12\text{ °C}$ | COPd | 7.32 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 10.3 | kW | $T_j = \text{bivalent temperature}$ | COPd | 2.11 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 9.7 | kW | $T_j = \text{operation limit temperature}$ | COPd | 1.77 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | P _{psych} | NA | kW | Cycling interval efficiency | COP _{pscyc} | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 2.2 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 6388 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 110 | % |
| Daily electricity consumption | Q _{elec} | 7.243 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1594 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r'igt <"Gwqhtgf 'UC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcUr clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-40K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 12 | kW | Seasonal space heating energy efficiency | ηs | 129 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 7.8 | kW | Tj = -7 °C | COPd | 2.77 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 4.4 | kW | Tj = 2 °C | COPd | 3.95 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 2.8 | kW | Tj = 7 °C | COPd | 5.55 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 3.3 | kW | Tj = 12 °C | COPd | 7.45 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| Tj = bivalent temperature | Pdh | 9.9 | kW | Tj = bivalent temperature | COPd | 1.96 | - |
| Tj = operation limit temperature | Pdh | 7.0 | kW | Tj = operation limit temperature | COPd | 1.18 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 9.9 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 1.96 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 5.0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 9034 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 87 | % |
| Daily electricity consumption | Q _{elec} | 9.164 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 2016 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|---|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-40K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 12 | kW | Seasonal space heating energy efficiency | η_s | 180 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | NA | kW | $T_j = -7\text{ °C}$ | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 12.2 | kW | $T_j = 2\text{ °C}$ | COPd | 2.27 | - |
| Degradation co-efficient (**) | Cdh | 1.00 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 8.1 | kW | $T_j = 7\text{ °C}$ | COPd | 3.74 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.5 | kW | $T_j = 12\text{ °C}$ | COPd | 6.29 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 12.2 | kW | $T_j = \text{bivalent temperature}$ | COPd | 2.27 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 12.2 | kW | $T_j = \text{operation limit temperature}$ | COPd | 2.27 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | P _{ych} | NA | kW | Cycling interval efficiency | COP _{yc} | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 3558 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 113 | % |
| Daily electricity consumption | Q _{elec} | 7.036 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1548 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'epf 'cf f t gu'qh'y g'lw r rgt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'Dctegnpclr clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-40K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 12 | kW | Seasonal space heating energy efficiency | η_s | 188 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7$ °C | Pdh | 10.7 | kW | $T_j = -7$ °C | COPd | 2.98 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 2$ °C | Pdh | 6.1 | kW | $T_j = 2$ °C | COPd | 4.38 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 7$ °C | Pdh | 4.1 | kW | $T_j = 7$ °C | COPd | 7.03 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| $T_j = 12$ °C | Pdh | 3.4 | kW | $T_j = 12$ °C | COPd | 9.49 | - |
| Degradation co-efficient (**) | Cdh | 0.93 | - | | | | |
| $T_j =$ bivalent temperature | Pdh | 10.7 | kW | $T_j =$ bivalent temperature | COPd | 2.98 | - |
| $T_j =$ operation limit temperature | Pdh | 10.2 | kW | $T_j =$ operation limit temperature | COPd | 2.62 | - |
| For air-to-water heat pumps: $T_j = -15$ °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15$ °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 1.8 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 5194 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 110 | % |
| Daily electricity consumption | Q _{elec} | 7.243 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1594 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r dgt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeUir clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-40K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 11 | kW | Seasonal space heating energy efficiency | ηs | 181 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 6.9 | kW | Tj = -7 °C | COPd | 3.88 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 4.1 | kW | Tj = 2 °C | COPd | 5.71 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 7 °C | Pdh | 2.7 | kW | Tj = 7 °C | COPd | 7.20 | - |
| Degradation co-efficient (**) | Cdh | 0.93 | - | | | | |
| Tj = 12 °C | Pdh | 3.2 | kW | Tj = 12 °C | COPd | 8.77 | - |
| Degradation co-efficient (**) | Cdh | 0.93 | - | | | | |
| Tj = bivalent temperature | Pdh | 9.2 | kW | Tj = bivalent temperature | COPd | 2.74 | - |
| Tj = operation limit temperature | Pdh | 7.9 | kW | Tj = operation limit temperature | COPd | 1.89 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 9.2 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 2.74 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 3.1 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 6044 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 87 | % |
| Daily electricity consumption | Q _{elec} | 9.164 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 2016 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'yj g'lw r r'igt <'"Gwqhtgf 'UCC0 EJO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|--------------------|
| Model(s): AOWD-MB LOGIK-40K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 12 | kW | Seasonal space heating energy efficiency | ηs | 273 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 11.6 | kW | Tj = 2 °C | COPd | 3.65 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 7 °C | Pdh | 7.3 | kW | Tj = 7 °C | COPd | 5.74 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 12 °C | Pdh | 3.3 | kW | Tj = 12 °C | COPd | 9.38 | - |
| Degradation co-efficient (**) | Cdh | 0.93 | - | | | | |
| Tj = bivalent temperature | Pdh | 11.6 | kW | Tj = bivalent temperature | COPd | 3.65 | - |
| Tj = operation limit temperature | Pdh | 11.6 | kW | Tj = operation limit temperature | COPd | 3.65 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Pych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ / h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ / h |
| Annual energy consumption | Q _{HE} | 2236 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 113 | % |
| Daily electricity consumption | Q _{elec} | 7.036 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1548 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcklu< uc'gwqhtgf i tqw @qo 0' | | | | P co g'epf 'cf f t guu'qh'y g'lw r r ngt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeU r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|---|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-40TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 12 | kW | Seasonal space heating energy efficiency | η_s | 150 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | 10.5 | kW | $T_j = -7\text{ °C}$ | COPd | 2.02 | - |
| Degradation co-efficient (**) | Cdh | 1.00 | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 6.6 | kW | $T_j = 2\text{ °C}$ | COPd | 3.76 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 4.5 | kW | $T_j = 7\text{ °C}$ | COPd | 5.51 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.5 | kW | $T_j = 12\text{ °C}$ | COPd | 7.06 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 10.5 | kW | $T_j = \text{bivalent temperature}$ | COPd | 2.02 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 11.5 | kW | $T_j = \text{operation limit temperature}$ | COPd | 2.02 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0.4 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 6391 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 110 | % |
| Daily electricity consumption | Q _{elec} | 7.243 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1594 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r'igt <"Gwqhtgf 'UC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcUr clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-40TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 12 | kW | Seasonal space heating energy efficiency | ηs | 117 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 7.8 | kW | Tj = -7 °C | COPd | 2.55 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 4.4 | kW | Tj = 2 °C | COPd | 3.71 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 2.9 | kW | Tj = 7 °C | COPd | 4.61 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = 12 °C | Pdh | 3.3 | kW | Tj = 12 °C | COPd | 5.24 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = bivalent temperature | Pdh | 9.6 | kW | Tj = bivalent temperature | COPd | 1.79 | - |
| Tj = operation limit temperature | Pdh | 6.7 | kW | Tj = operation limit temperature | COPd | 1.06 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 9.6 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 1.79 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 5.3 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 9548 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 87 | % |
| Daily electricity consumption | Q _{elec} | 9.164 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 2016 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r dgt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcUf clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-40TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 12 | kW | Seasonal space heating energy efficiency | ηs | 169 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 12.3 | kW | Tj = 2 °C | COPd | 2.51 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 7 °C | Pdh | 7.9 | kW | Tj = 7 °C | COPd | 3.50 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 12 °C | Pdh | 3.6 | kW | Tj = 12 °C | COPd | 5.80 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = bivalent temperature | Pdh | 12.3 | kW | Tj = bivalent temperature | COPd | 2.51 | - |
| Tj = operation limit temperature | Pdh | 12.3 | kW | Tj = operation limit temperature | COPd | 2.51 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 3822 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 113 | % |
| Daily electricity consumption | Q _{elec} | 7.036 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1548 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcUf clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-40TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 12 | kW | Seasonal space heating energy efficiency | η_s | 180 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | 10.8 | kW | $T_j = -7\text{ °C}$ | COPd | 3.01 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 6.7 | kW | $T_j = 2\text{ °C}$ | COPd | 4.50 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 4.5 | kW | $T_j = 7\text{ °C}$ | COPd | 5.82 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.3 | kW | $T_j = 12\text{ °C}$ | COPd | 7.45 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 10.8 | kW | $T_j = \text{bivalent temperature}$ | COPd | 3.01 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 9.9 | kW | $T_j = \text{operation limit temperature}$ | COPd | 2.51 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | P _{ych} | NA | kW | Cycling interval efficiency | COP _{yc} | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 2.1 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 5517 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 110 | % |
| Daily electricity consumption | Q _{elec} | 7.243 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1594 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r'igt <"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-40TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 11 | kW | Seasonal space heating energy efficiency | ηs | 159 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 7.0 | kW | Tj = -7 °C | COPd | 3.40 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 4.2 | kW | Tj = 2 °C | COPd | 5.04 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 7 °C | Pdh | 3.0 | kW | Tj = 7 °C | COPd | 6.04 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 3.3 | kW | Tj = 12 °C | COPd | 7.23 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 9.0 | kW | Tj = bivalent temperature | COPd | 2.42 | - |
| Tj = operation limit temperature | Pdh | 7.6 | kW | Tj = operation limit temperature | COPd | 1.79 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 9.0 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 2.42 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 3.4 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 6685 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 87 | % |
| Daily electricity consumption | Q _{elec} | 9.164 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 2016 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-40TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 12 | kW | Seasonal space heating energy efficiency | ηs | 244 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 11.7 | kW | Tj = 2 °C | COPd | 3.43 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 7 °C | Pdh | 7.5 | kW | Tj = 7 °C | COPd | 5.41 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 12 °C | Pdh | 3.5 | kW | Tj = 12 °C | COPd | 7.85 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| Tj = bivalent temperature | Pdh | 11.7 | kW | Tj = bivalent temperature | COPd | 3.43 | - |
| Tj = operation limit temperature | Pdh | 11.7 | kW | Tj = operation limit temperature | COPd | 3.43 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0.3 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 2531 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 113 | % |
| Daily electricity consumption | Q _{elec} | 7.036 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1594 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r'igt <"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-45K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 13 | kW | Seasonal space heating energy efficiency | ηs | 147 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 11.8 | kW | Tj = -7 °C | COPd | 2.10 | - |
| Degradation co-efficient (**) | Cdh | 1.00 | - | | | | |
| Tj = 2 °C | Pdh | 6.8 | kW | Tj = 2 °C | COPd | 3.81 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 7 °C | Pdh | 4.8 | kW | Tj = 7 °C | COPd | 4.77 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 12 °C | Pdh | 3.6 | kW | Tj = 12 °C | COPd | 7.36 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| Tj = bivalent temperature | Pdh | 11.8 | kW | Tj = bivalent temperature | COPd | 2.10 | - |
| Tj = operation limit temperature | Pdh | 9.6 | kW | Tj = operation limit temperature | COPd | 1.74 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 3.4 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 7352 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 110 | % |
| Daily electricity consumption | Q _{elec} | 7.243 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1594 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqvcevf gcklu< ucfgwtqhtgf i tqw @qo 0' | | | | P co g'c'pf 'cf f t'guu'qh'yj g'lw r r'kt <'Gwtqhtgf 'UC0 E IO cts w' u'f g'Ugpxo gpcv; 9.'2: 24; 'DctegmpeUr clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-45K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 13 | kW | Seasonal space heating energy efficiency | ηs | 132 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 7.8 | kW | Tj = -7 °C | COPd | 2.77 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 5.2 | kW | Tj = 2 °C | COPd | 4.23 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 2.9 | kW | Tj = 7 °C | COPd | 5.24 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 3.3 | kW | Tj = 12 °C | COPd | 7.55 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| Tj = bivalent temperature | Pdh | 10.7 | kW | Tj = bivalent temperature | COPd | 1.99 | - |
| Tj = operation limit temperature | Pdh | 7.0 | kW | Tj = operation limit temperature | COPd | 1.18 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 10.7 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 1.99 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 6.0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 9572 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 87 | % |
| Daily electricity consumption | Q _{elec} | 9.164 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 2016 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwtqhtgf 'UCC0 EJO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-45K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 14 | kW | Seasonal space heating energy efficiency | ηs | 186 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 14.2 | kW | Tj = 2 °C | COPd | 2.30 | - |
| Degradation co-efficient (**) | Cdh | 1.00 | - | | | | |
| Tj = 7 °C | Pdh | 8.4 | kW | Tj = 7 °C | COPd | 3.73 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 12 °C | Pdh | 4.2 | kW | Tj = 12 °C | COPd | 6.75 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = bivalent temperature | Pdh | 14.2 | kW | Tj = bivalent temperature | COPd | 2.30 | - |
| Tj = operation limit temperature | Pdh | 14.2 | kW | Tj = operation limit temperature | COPd | 2.30 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 4008 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 113 | % |
| Daily electricity consumption | Q _{elec} | 7.036 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1548 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeUir clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-45K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 13 | kW | Seasonal space heating energy efficiency | ηs | 185 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 11.5 | kW | Tj = -7 °C | COPd | 2.71 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 7.1 | kW | Tj = 2 °C | COPd | 4.39 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 4.4 | kW | Tj = 7 °C | COPd | 6.89 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = 12 °C | Pdh | 3.5 | kW | Tj = 12 °C | COPd | 10.30 | - |
| Degradation co-efficient (**) | Cdh | 0.93 | - | | | | |
| Tj = bivalent temperature | Pdh | 11.5 | kW | Tj = bivalent temperature | COPd | 2.71 | - |
| Tj = operation limit temperature | Pdh | 11.5 | kW | Tj = operation limit temperature | COPd | 2.38 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 1.5 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 5682 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 110 | % |
| Daily electricity consumption | Q _{elec} | 7.243 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1594 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r dgt <"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeUir clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-45K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 12 | kW | Seasonal space heating energy efficiency | ηs | 184 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 6.9 | kW | Tj = -7 °C | COPd | 3.88 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 4.5 | kW | Tj = 2 °C | COPd | 5.93 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 7 °C | Pdh | 2.7 | kW | Tj = 7 °C | COPd | 7.20 | - |
| Degradation co-efficient (**) | Cdh | 0.93 | - | | | | |
| Tj = 12 °C | Pdh | 3.2 | kW | Tj = 12 °C | COPd | 8.98 | - |
| Degradation co-efficient (**) | Cdh | 0.93 | - | | | | |
| Tj = bivalent temperature | Pdh | 9.7 | kW | Tj = bivalent temperature | COPd | 2.72 | - |
| Tj = operation limit temperature | Pdh | 7.9 | kW | Tj = operation limit temperature | COPd | 1.89 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 9.7 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 2.72 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 4.1 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 6257 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 87 | % |
| Daily electricity consumption | Q _{elec} | 9.164 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 2016 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwqhtgf 'UCC0 EJO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-45K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 14 | kW | Seasonal space heating energy efficiency | ηs | 268 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 14.0 | kW | Tj = 2 °C | COPd | 3.38 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 7 °C | Pdh | 8.4 | kW | Tj = 7 °C | COPd | 5.57 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 12 °C | Pdh | 3.8 | kW | Tj = 12 °C | COPd | 9.32 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| Tj = bivalent temperature | Pdh | 14.0 | kW | Tj = bivalent temperature | COPd | 3.38 | - |
| Tj = operation limit temperature | Pdh | 14.0 | kW | Tj = operation limit temperature | COPd | 3.38 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 2755 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 113 | % |
| Daily electricity consumption | Q _{elec} | 7.036 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1548 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|---|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-45TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 13 | kW | Seasonal space heating energy efficiency | η_s | 150 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | 11.8 | kW | $T_j = -7\text{ °C}$ | COPd | 2.21 | - |
| Degradation co-efficient (**) | Cdh | 1.00 | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 6.9 | kW | $T_j = 2\text{ °C}$ | COPd | 3.65 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 4.5 | kW | $T_j = 7\text{ °C}$ | COPd | 5.51 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.5 | kW | $T_j = 12\text{ °C}$ | COPd | 7.06 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 11.8 | kW | $T_j = \text{bivalent temperature}$ | COPd | 2.21 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 11.5 | kW | $T_j = \text{operation limit temperature}$ | COPd | 2.02 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 1.4 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 7176 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 110 | % |
| Daily electricity consumption | Q _{elec} | 7.243 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1594 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r'igt <"Gwqhtgf 'UC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcUr clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-45TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 13 | kW | Seasonal space heating energy efficiency | ηs | 118 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 7.8 | kW | Tj = -7 °C | COPd | 2.55 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 4.4 | kW | Tj = 2 °C | COPd | 3.71 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 2.9 | kW | Tj = 7 °C | COPd | 4.61 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = 12 °C | Pdh | 3.3 | kW | Tj = 12 °C | COPd | 5.03 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = bivalent temperature | Pdh | 10.4 | kW | Tj = bivalent temperature | COPd | 1.82 | - |
| Tj = operation limit temperature | Pdh | 6.7 | kW | Tj = operation limit temperature | COPd | 1.06 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 10.4 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 1.82 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 6.3 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 10373 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 87 | % |
| Daily electricity consumption | Q _{elec} | 9.164 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 2016 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r'igt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeUir clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-45TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 15 | kW | Seasonal space heating energy efficiency | ηs | 159 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 14.6 | kW | Tj = 2 °C | COPd | 2.31 | - |
| Degradation co-efficient (**) | Cdh | 1.00 | - | | | | |
| Tj = 7 °C | Pdh | 8.8 | kW | Tj = 7 °C | COPd | 3.29 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 12 °C | Pdh | 3.9 | kW | Tj = 12 °C | COPd | 5.47 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = bivalent temperature | Pdh | 14.6 | kW | Tj = bivalent temperature | COPd | 2.31 | - |
| Tj = operation limit temperature | Pdh | 14.6 | kW | Tj = operation limit temperature | COPd | 2.31 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 4801 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 113 | % |
| Daily electricity consumption | Q _{elec} | 7.036 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1548 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-45TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 13 | kW | Seasonal space heating energy efficiency | η_s | 179 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | 11.6 | kW | $T_j = -7\text{ °C}$ | COPd | 2.89 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 6.7 | kW | $T_j = 2\text{ °C}$ | COPd | 4.50 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 4.5 | kW | $T_j = 7\text{ °C}$ | COPd | 5.82 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.4 | kW | $T_j = 12\text{ °C}$ | COPd | 7.53 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 11.6 | kW | $T_j = \text{bivalent temperature}$ | COPd | 2.89 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 11.1 | kW | $T_j = \text{operation limit temperature}$ | COPd | 2.28 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 1.9 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 5927 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 110 | % |
| Daily electricity consumption | Q _{elec} | 7.243 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1594 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvevf gcku< uc@wtqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r dgt <"Gwtqhtgf "UC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcUf clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-45TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 12 | kW | Seasonal space heating energy efficiency | ηs | 158 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 7.0 | kW | Tj = -7 °C | COPd | 3.40 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 4.2 | kW | Tj = 2 °C | COPd | 5.04 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 7 °C | Pdh | 3.0 | kW | Tj = 7 °C | COPd | 6.06 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 3.2 | kW | Tj = 12 °C | COPd | 6.17 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 9.7 | kW | Tj = bivalent temperature | COPd | 2.38 | - |
| Tj = operation limit temperature | Pdh | 7.6 | kW | Tj = operation limit temperature | COPd | 1.79 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 9.7 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 2.38 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 4.4 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 7293 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 87 | % |
| Daily electricity consumption | Q _{elec} | 9.164 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 2016 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <'"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-45TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 14 | kW | Seasonal space heating energy efficiency | ηs | 240 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 13.7 | kW | Tj = 2 °C | COPd | 2.90 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 7 °C | Pdh | 8.5 | kW | Tj = 7 °C | COPd | 5.36 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 12 °C | Pdh | 3.7 | kW | Tj = 12 °C | COPd | 7.86 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 13.7 | kW | Tj = bivalent temperature | COPd | 2.90 | - |
| Tj = operation limit temperature | Pdh | 13.7 | kW | Tj = operation limit temperature | COPd | 2.90 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Ppsych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0.3 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 2995 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 113 | % |
| Daily electricity consumption | Q _{elec} | 7.036 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1548 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeUtr clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-54K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 14 | kW | Seasonal space heating energy efficiency | ηs | 146 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 12.3 | kW | Tj = -7 °C | COPd | 2.18 | - |
| Degradation co-efficient (**) | Cdh | 1.00 | - | | | | |
| Tj = 2 °C | Pdh | 6.8 | kW | Tj = 2 °C | COPd | 3.81 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 7 °C | Pdh | 4.8 | kW | Tj = 7 °C | COPd | 4.77 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 12 °C | Pdh | 3.6 | kW | Tj = 12 °C | COPd | 7.36 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| Tj = bivalent temperature | Pdh | 12.3 | kW | Tj = bivalent temperature | COPd | 2.18 | - |
| Tj = operation limit temperature | Pdh | 8.5 | kW | Tj = operation limit temperature | COPd | 1.40 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Ppsych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 5.5 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 7675 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 110 | % |
| Daily electricity consumption | Q _{elec} | 7.243 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1594 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvev'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r'igt <"Gwqhtgf 'UC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcUr clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-54K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 13 | kW | Seasonal space heating energy efficiency | ηs | 132 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 7.8 | kW | Tj = -7 °C | COPd | 2.77 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 5.2 | kW | Tj = 2 °C | COPd | 4.23 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 2.9 | kW | Tj = 7 °C | COPd | 5.24 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 3.3 | kW | Tj = 12 °C | COPd | 7.55 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| Tj = bivalent temperature | Pdh | 10.7 | kW | Tj = bivalent temperature | COPd | 1.99 | - |
| Tj = operation limit temperature | Pdh | 7.0 | kW | Tj = operation limit temperature | COPd | 1.18 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 10.7 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 1.99 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 6.0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 9572 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 87 | % |
| Daily electricity consumption | Q _{elec} | 9.164 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 2016 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r dgt <"Gwtqhtgf 'UCC0 EJO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeUir clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-54K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 14 | kW | Seasonal space heating energy efficiency | ηs | 186 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 14.2 | kW | Tj = 2 °C | COPd | 2.30 | - |
| Degradation co-efficient (**) | Cdh | 1.00 | - | | | | |
| Tj = 7 °C | Pdh | 8.4 | kW | Tj = 7 °C | COPd | 3.73 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 12 °C | Pdh | 4.2 | kW | Tj = 12 °C | COPd | 6.75 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = bivalent temperature | Pdh | 14.2 | kW | Tj = bivalent temperature | COPd | 2.30 | - |
| Tj = operation limit temperature | Pdh | 14.2 | kW | Tj = operation limit temperature | COPd | 2.30 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 4008 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 113 | % |
| Daily electricity consumption | Q _{elec} | 7.036 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1548 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwtqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-54K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 14 | kW | Seasonal space heating energy efficiency | η_s | 184 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | 12.2 | kW | $T_j = -7\text{ °C}$ | COPd | 2.68 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 7.1 | kW | $T_j = 2\text{ °C}$ | COPd | 4.39 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 4.7 | kW | $T_j = 7\text{ °C}$ | COPd | 6.86 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.5 | kW | $T_j = 12\text{ °C}$ | COPd | 10.30 | - |
| Degradation co-efficient (**) | Cdh | 0.93 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 12.2 | kW | $T_j = \text{bivalent temperature}$ | COPd | 2.68 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 11.2 | kW | $T_j = \text{operation limit temperature}$ | COPd | 2.38 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20°C) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20°C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 2.8 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 6072 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 110 | % |
| Daily electricity consumption | Q _{elec} | 7.243 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1594 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU' r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-54K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 12 | kW | Seasonal space heating energy efficiency | η_s | 184 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 6.9 | kW | Tj = -7 °C | COPd | 3.88 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 4.5 | kW | Tj = 2 °C | COPd | 5.93 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 7 °C | Pdh | 2.7 | kW | Tj = 7 °C | COPd | 7.20 | - |
| Degradation co-efficient (**) | Cdh | 0.93 | - | | | | |
| Tj = 12 °C | Pdh | 3.2 | kW | Tj = 12 °C | COPd | 8.98 | - |
| Degradation co-efficient (**) | Cdh | 0.93 | - | | | | |
| Tj = bivalent temperature | Pdh | 9.7 | kW | Tj = bivalent temperature | COPd | 2.71 | - |
| Tj = operation limit temperature | Pdh | 7.9 | kW | Tj = operation limit temperature | COPd | 1.89 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 9.7 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 2.71 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Ppsych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 4.1 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 6257 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 87 | % |
| Daily electricity consumption | Q _{elec} | 9.164 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 2016 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw @qo 0' | | | | P co g'c'pf 'cf f tgu'qh'y g'lw r r'igt <'Gwqhtgf 'UC0 E IO cts w' u'f g'Ugpo gpcv; 9.'2: 24; 'DctegupcUr clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|-------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-54K2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 14 | kW | Seasonal space heating energy efficiency | η_s | 267 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | NA | kW | $T_j = -7\text{ °C}$ | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 14.2 | kW | $T_j = 2\text{ °C}$ | COPd | 3.35 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 8.4 | kW | $T_j = 7\text{ °C}$ | COPd | 5.57 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.8 | kW | $T_j = 12\text{ °C}$ | COPd | 9.32 | - |
| Degradation co-efficient (**) | Cdh | 0.94 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 14.2 | kW | $T_j = \text{bivalent temperature}$ | COPd | 3.35 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 14.2 | kW | $T_j = \text{operation limit temperature}$ | COPd | 3.35 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P_{OFF} | 0.025 | kW | Rated heat output (*) | P_{sup} | 0 | kW |
| Thermostat-off mode | P_{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P_{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P_{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L_{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q_{HE} | 2800 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 113 | % |
| Daily electricity consumption | Q_{elec} | 7.036 | kWh | Daily fuel consumption | Q_{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1548 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r dgt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|---|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-54TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 14 | kW | Seasonal space heating energy efficiency | η_s | 150 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | 12.1 | kW | $T_j = -7\text{ °C}$ | COPd | 2.16 | - |
| Degradation co-efficient (**) | Cdh | 1.00 | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 6.9 | kW | $T_j = 2\text{ °C}$ | COPd | 3.65 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 4.5 | kW | $T_j = 7\text{ °C}$ | COPd | 5.51 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.5 | kW | $T_j = 12\text{ °C}$ | COPd | 7.06 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 12.1 | kW | $T_j = \text{bivalent temperature}$ | COPd | 2.16 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 11.5 | kW | $T_j = \text{operation limit temperature}$ | COPd | 2.02 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 2.5 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 7404 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 110 | % |
| Daily electricity consumption | Q _{elec} | 7.243 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1594 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r'igt <"Gwqhtgf 'UC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcUr clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-54TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 13 | kW | Seasonal space heating energy efficiency | ηs | 118 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 7.8 | kW | Tj = -7 °C | COPd | 2.55 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 4.4 | kW | Tj = 2 °C | COPd | 3.71 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 2.9 | kW | Tj = 7 °C | COPd | 4.61 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = 12 °C | Pdh | 3.3 | kW | Tj = 12 °C | COPd | 5.02 | - |
| Degradation co-efficient (**) | Cdh | 0.96 | - | | | | |
| Tj = bivalent temperature | Pdh | 10.4 | kW | Tj = bivalent temperature | COPd | 1.82 | - |
| Tj = operation limit temperature | Pdh | 6.7 | kW | Tj = operation limit temperature | COPd | 1.06 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 10.4 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 1.82 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 6.3 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 10373 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 87 | % |
| Daily electricity consumption | Q _{elec} | 9.164 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 2016 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwqhtgf i tqw (tqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|--------------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-54TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Medium-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 15 | kW | Seasonal space heating energy efficiency | ηs | 159 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | NA | kW | Tj = -7 °C | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| Tj = 2 °C | Pdh | 14.6 | kW | Tj = 2 °C | COPd | 2.31 | - |
| Degradation co-efficient (**) | Cdh | 1.00 | - | | | | |
| Tj = 7 °C | Pdh | 8.8 | kW | Tj = 7 °C | COPd | 3.29 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 12 °C | Pdh | 3.9 | kW | Tj = 12 °C | COPd | 5.47 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = bivalent temperature | Pdh | 14.6 | kW | Tj = bivalent temperature | COPd | 2.31 | - |
| Tj = operation limit temperature | Pdh | 14.6 | kW | Tj = operation limit temperature | COPd | 2.31 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 4801 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 113 | % |
| Daily electricity consumption | Q _{elec} | 7.036 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1548 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r'igt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpeUtr clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-54TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Average climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 13 | kW | Seasonal space heating energy efficiency | ηs | 179 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 11.6 | kW | Tj = -7 °C | COPd | 2.89 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 6.7 | kW | Tj = 2 °C | COPd | 4.50 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| Tj = 7 °C | Pdh | 4.5 | kW | Tj = 7 °C | COPd | 5.82 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 12 °C | Pdh | 3.4 | kW | Tj = 12 °C | COPd | 7.53 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 11.6 | kW | Tj = bivalent temperature | COPd | 2.89 | - |
| Tj = operation limit temperature | Pdh | 11.1 | kW | Tj = operation limit temperature | COPd | 2.29 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | NA | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | NA | - |
| Bivalent temperature | Tbiv | -7 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -10 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 1.9 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 5927 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 110 | % |
| Daily electricity consumption | Q _{elec} | 7.243 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1594 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpvcv'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|--|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-54TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Colder climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 12 | kW | Seasonal space heating energy efficiency | ηs | 158 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = -7 °C | Pdh | 7.0 | kW | Tj = -7 °C | COPd | 3.40 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| Tj = 2 °C | Pdh | 4.2 | kW | Tj = 2 °C | COPd | 5.04 | - |
| Degradation co-efficient (**) | Cdh | 0.97 | - | | | | |
| Tj = 7 °C | Pdh | 3.0 | kW | Tj = 7 °C | COPd | 6.06 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = 12 °C | Pdh | 3.2 | kW | Tj = 12 °C | COPd | 6.17 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| Tj = bivalent temperature | Pdh | 9.7 | kW | Tj = bivalent temperature | COPd | 2.38 | - |
| Tj = operation limit temperature | Pdh | 7.6 | kW | Tj = operation limit temperature | COPd | 1.79 | - |
| For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | Pdh | 9.7 | kW | For air-to-water heat pumps: Tj = -15 °C (if TOL < -20 °C) | COPd | 2.38 | - |
| Bivalent temperature | Tbiv | -15 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | -22 | °C |
| Cycling interval capacity for heating | Psych | NA | kW | Cycling interval efficiency | COPcyc | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 4.4 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 7293 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η _{wh} | 87 | % |
| Daily electricity consumption | Q _{elec} | 9.164 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 2016 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f t'guu'qh'y g'lw r r'igt <"Gwqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcU'r clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0.9. | | | | | | | |

| Information requirements (heat pump space heaters and heat pump combination heaters) | | | | | | | |
|--|-----------------------------|-------|------|---|-------------------|-------|-------------------|
| Model(s): AOWD-MB LOGIK-54TK2 | | | | | | | |
| Air-to-water heat pump | Y | | | Low-temperature heat pump | N | | |
| Water-to-water heat pump | N | | | Equipped with a supplementary heater | N | | |
| Brine-to-water heat pump | N | | | Heat pump combination heater | Y | | |
| Parameters declared for | Low-temperature application | | | | | | |
| Parameters declared for | Warmer climate condition | | | | | | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Rated heat output (*) | Prated | 14 | kW | Seasonal space heating energy efficiency | η_s | 241 | % |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T_j | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T_j | | | |
| $T_j = -7\text{ °C}$ | Pdh | NA | kW | $T_j = -7\text{ °C}$ | COPd | NA | - |
| Degradation co-efficient (**) | Cdh | NA | - | | | | |
| $T_j = 2\text{ °C}$ | Pdh | 13.7 | kW | $T_j = 2\text{ °C}$ | COPd | 2.90 | - |
| Degradation co-efficient (**) | Cdh | 0.99 | - | | | | |
| $T_j = 7\text{ °C}$ | Pdh | 8.5 | kW | $T_j = 7\text{ °C}$ | COPd | 5.36 | - |
| Degradation co-efficient (**) | Cdh | 0.98 | - | | | | |
| $T_j = 12\text{ °C}$ | Pdh | 3.7 | kW | $T_j = 12\text{ °C}$ | COPd | 7.86 | - |
| Degradation co-efficient (**) | Cdh | 0.95 | - | | | | |
| $T_j = \text{bivalent temperature}$ | Pdh | 13.7 | kW | $T_j = \text{bivalent temperature}$ | COPd | 2.90 | - |
| $T_j = \text{operation limit temperature}$ | Pdh | 13.7 | kW | $T_j = \text{operation limit temperature}$ | COPd | 2.90 | - |
| For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | Pdh | NA | kW | For air-to-water heat pumps: $T_j = -15\text{ °C}$ (if $TOL < -20\text{ °C}$) | COPd | NA | - |
| Bivalent temperature | Tbiv | 2 | °C | For air-to-water heat pumps: Operation limit temperature | TOL | 2 | °C |
| Cycling interval capacity for heating | P _{ych} | NA | kW | Cycling interval efficiency | COP _{yc} | NA | - |
| | | | | Heating water operating limit temperature | WTOL | 65 | °C |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | |
| Off mode | P _{OFF} | 0.025 | kW | Rated heat output (*) | P _{sup} | 0.3 | kW |
| Thermostat-off mode | P _{TO} | 0.025 | kW | Type of energy input | Electric | | |
| Standby mode | P _{SB} | 0.025 | kW | | | | |
| Crankcase heater mode | P _{CK} | 0.025 | kW | | | | |
| Other items | | | | | | | |
| Capacity control | variable | | | For air-to-water heat pumps: Rated air flow rate, outdoors | - | 5015 | m ³ /h |
| Sound power level, outdoors | L _{WA} | 68 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | - | NA | m ³ /h |
| Annual energy consumption | Q _{HE} | 2995 | kWh | | | | |
| For heat pump combination heater: | | | | | | | |
| Declared load profile | XL | | | Water heating energy efficiency | η_{wh} | 113 | % |
| Daily electricity consumption | Q _{elec} | 7.036 | kWh | Daily fuel consumption | Q _{fuel} | NA | kWh |
| Annual electricity consumption | AEC | 1548 | kWh | Annual fuel consumption | AFC | NA | GJ |
| Eqpcev'f gcku< uc'gwqhtgf i tqw (eqo 0' | | | | P co g'c'pf "cf f tguu'qh'y g'lw r r dgt <"Gwtqhtgf 'UCC0 E IO cts w' u'f g'Ugpvo gpcv; 9.'2: 24; 'DctegmpcUf clp | | | |
| (*) For heat pump space heaters and heat pump combination heaters, the rated heat output Prated is equal to the design load for heating Pdesignh, and the rated heat output of a supplementary heater Psup is equal to the supplementary capacity for heating sup(Tj). (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | |