Information requirements (air-to-air air conditioners)

	FD 4 GFD	(all	r-to-air air cond	nuoners)								
Model(s):DVO-40UIA_CON	<i>М</i> РАСТ											
Outdoor side heat												
exchanger of air	air											
conditioner												
Indoor side heat exchanger	air											
of air conditioner	uii											
Туре	compressor driven vapour compression											
If applicable: driver of	electric motor											
compressor	CICCUIC IIIOtol											
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
Rated cooling capacity	P _{rated,c}	12.10	kW	Seasonal space	n s, c	232.6	%					
				cooling energy								
				efficiency								
Declared cooling capacity	for part	load at	given outdoor	Declared energy efficiency ratio for part load at given								
temperatures T _j and indoor 2	7°/19 °C (da	y/wet bu	lb)	outdoor temperatures T _j								
$T_j = +35 ^{\circ}\text{C}$	Pdc	12.19	kW	$T_{j} = +35 {}^{\circ}\text{C}$	EER_d	2.35	-					
$T_j = +30 ^{\circ}\text{C}$	Pdc	8.61	kW	$T_{j} = +30 ^{\circ}\text{C}$	EER _d	4.22	-					
$T_j = +25 ^{\circ}\text{C}$	Pdc	5.53	kW	$T_j = +25 ^{\circ}\text{C}$	EER_d	8.00	-					
$T_j = +20 ^{\circ}\mathrm{C}$	Pdc	2.80	kW	$T_j = +20 ^{\circ}\mathrm{C}$	$\mathrm{EER}_{\mathrm{d}}$	20.00	-					
Degradation co-efficient	C_{dc}	0.25	-									
for air conditioners(*)							-					
	Power	consump	tion in modes otl	ner than 'active mode	e'							
Off mode	P _{OFF}	0.048	kW	Crankcase heater	P _{CK}	0.048	kW					
				mode								
Thermostat-off mode	P_{TO}	0.010	kW	Standby mode	P_{SB}	0.048	kW					
			Other items	S								
Capacity control	variable											
Sound power level,	L_{WA}	-/75	dB	For air-to-air air								
indoor/outdoor				conditioner: air								
If engine driven: Emissions	NOx(**)	-	mg/kWh fuel	flow rate, outdoor	-	4400	m ³ /h					
of nitrogen oxides	MOX()		input GCV									
GWP of the refrigerant	2088		$kg CO_2 eq$ (100 years)	measured								
Contact details:	Name of manufacturer:											
C/ Marqués de Sentmenat	Gwtqhtgf UCC0											
or marques de seminenat.	Gwigii gi Cuco											

^(*) If C_{dc} is not determined by measurement then the default degradation coefficient air conditioners shall be 0,25. (**) From 26 September 2018. Where information relates to multi-split air conditioners, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.

Information requirements (heat pump)

OMBACE									
OMPACT									
			oi n						
air									
			oi n						
air									
no									
alaatria matar									
electric motor									
Average climate condition									
symbol	value	unit	Item	symbol	value	unit			
P _{rated,h}	12.10	kW	Seasonal space heating energy efficiency	n s, h	156.6	%			
for part load at	indoor ter	nperature	Declared coefficient of performance for part load at given						
ıture Tj			outdoor temperatures Tj						
Pdh	8.05	kW	$T_i = -7 ^{\circ}C$	COP_d	2.41	-			
Pdh	4.82	kW	$T_i = +2 ^{\circ}C$	COP_d	3.59	-			
Pdh	3.07	kW	$T_i = +7 ^{\circ}C$	COP_d	6.25	-			
Pdh	2.04	kW	$T_{i} = +12 ^{\circ}C$	COP_d	8.00	-			
Pdh	8.05	kW	$T_{\rm biv}$ = bivalent temperature	COP_d	2.41	-			
Pdh	9.13	kW	T_{OL} = operation limit	COP_d	2.20	-			
Pdh	-	kW	Tj = - 15 °C (if TOL < - 20 °C)	COP_d	-	-			
$T_{\rm biv}$	-7	°C	Operation limit temperature	T_{ol}	-10	°C			
C_{dh}	0.25	-							
Power consumption in modes other than 'active mode'				Supplementary heater					
P_{OFF}	0.048	kW	Back-up heating capacity (*)	elbu	0	kW			
P_{TO}	0.053	kW	Type of energy input	Electric					
P _{CK}	0.048	kW	Standby mode	P_{SB}	0.048	kW			
		Other	items						
variable		air flow rate outdoor							
L_{WA}	-/75	dB	measured	<u>-</u>	4400	m ³ /h			
NOx(***)	-	mg/kWh input GCV	Rated brine or water flow	_		m ³ /h			
/UXX		kg CO2 eq (100 years)	exchanger	<u>-</u>		111 /11			
at 97, 08029 Ba	arcelona		Name of manufacturer: Eurofred S.A. 0						
	symbol Prated,h for part load at atture Tj Pdh	symbol value P _{rated,h} 12.10 for part load at indoor tenture Tj Pdh 8.05 Pdh 4.82 Pdh 3.07 Pdh 2.04 Pdh 8.05 Pdh 9.13 Pdh -	Symbol Value Unit	air air no electric motor Average climate condition symbol value unit Item Prated,h 12.10 kW Seasonal space heating energy efficiency for part load at indoor temperature ature Tj Pdh 8.05 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 4.82 kW $T_i = +2 ^{\circ}\text{C}$ Pdh 3.07 kW $T_i = +7 ^{\circ}\text{C}$ Pdh 2.04 kW $T_i = +12 ^{\circ}\text{C}$ Pdh 8.05 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 7.0 Pdh 2.04 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.13 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.13 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.13 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.14 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.15 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.16 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.17 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.18 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.19 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.10 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.11 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.12 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.13 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.14 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.15 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.16 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.17 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.18 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.18 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.18 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.19 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.18 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.18 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.18 kW $T_i = -7 ^{\circ}\text{C}$ Pdh 9.19 kW	air air no electric motor Average climate condition symbol value unit Item symbol Prated,h 12.10 kW Seasonal space heating energy efficiency outdoor temperature outdoor temperature outdoor temperatures Tj Pdh 8.05 kW $T_{i}=-7^{\circ}\text{C}$ COP_{d} Pdh 4.82 kW $T_{i}=+2^{\circ}\text{C}$ COP_{d} Pdh 3.07 kW $T_{i}=+12^{\circ}\text{C}$ COP_{d} Pdh 2.04 kW $T_{i}=+12^{\circ}\text{C}$ COP_{d} Pdh 8.05 kW $T_{i}=+12^{\circ}\text{C}$ COP_{d} Pdh 9.13 kW $T_{i}=-15^{\circ}\text{C}$ COP_{d} Pdh 9.13 kW $T_{i}=-15^{\circ}\text{C}$ T_{i	Symbol Value Unit Item Symbol Value Seasonal space heating Item Symbol Value Unit Item Symbol Value Seasonal space heating Item Item Symbol Value Unit Item Item			

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Where information relates to multi-split heat pumps, the test result and performance data may be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.



^(**) If Cdh is not determined by measurement then the default degradation coefficient of heat pumps shall be 0,25.

^(***) From 26 September 2018.