

PRODUCT DATA SHEET(in accordance with EU regulation no.1253/2014) Erp 2018										
HRD LITE EC-TECHNICAL SPECIFICATIONS		HRD LITE EC 500	HRD LITE EC 700	HRD LITE EC 1000	HRD LITE EC 1200	HRD LITE EC 1600	HRD LITE EC 2500	HRD LITE EC 2800	HRD LITE EC 3300	HRD LITE EC 4000
Declared typology		NRVU								
Type of drive installed or intended to be installed		variable speed drive								
Type of HRS (run around, other, none)		regenerative								
Thermal efficiency of heat recovery	%	79	79,2	78,7	79,3	79,3	78,5	79,2	78,8	83,9
Nominal flow rate	m <sup>3</sup> /h	390	510	845	1000	1440	2100	2200	3000	3510
Maximum flow rate	m <sup>3</sup> /h	500	700	1040	1200	1580	2400	2650	3450	4010
Effective electric power input	W	83	119	170	170	385	470	500	500	750
SFP <sub>int</sub>	W/(m <sup>3</sup> /s)	1400	1428	1302	1150	1800	1538	1600	1200	1450
Face velocity at design flow rate	m/s	1,74	2,1	2,35	2,14	2,13	2,41	2,09	2,2	1,97
Nominal external pressure ( $\Delta P_{s,ext}$ )	Pa	150	150	150	150	150	150	150	150	150
Internal pressure drop of ventilation	Pa	200	204	202	203	235	266	258	276	301
Internal pressure drop of non-ventilation components( $\Delta P_{s,add}$ )	Pa	There is no "non-ventilation" components								
Static efficiency of fans used in accordance with Regulation (EU) No. 327/2001	%	45,3	43,7	49,7	46,4	50,8	53	59,4	59,8	56,5
Declared maximum external leakage rate	%	Less Than 3%								
Declared maximum internal leakage rate	%	NA								
Energy classification of the filters (Energy performance)		SUPPLY/EXHAUST F7								
Description of visual filter warning for NRVUs intended for use with filters		www.eurofred.com								
Sound power level (LWA) (calculated)		32	33	37	34	34	42	45	44	47
Internet adress for pre-/dis-assembly instructions		www.eurofred.com								