TECHNICAL DATA – POWER SUPPLY FROM NETWORK

MODEL		0021				0031			
AIR FLOW (1)		U				U			
COOLING CAPACITY (2)		100%	80%	60%	45%	100%	80%	60%	45%
Total	**kW**	**8,56**	**6,85**	**5,14**	**3,73**	**9,53**	**7,62**	**5,72**	**4,18**
Sensible	**kW**	**6,86**	**5,56**	**4,24**	**3,23**	**7,22**	**5,82**	**4,50**	**3,43**
SHR (3)		0,80	0,81	0,82	0,87	0,76	0,76	0,79	0,82
Total power input (Comp. + Fans)	kW	2,40	1,68	1,13	0,73	2,76	2,04	1,49	1,00
SUPPLY FANS	n.	1				1			
Fan type		Radial AC				Radial AC			
Air flow	m³/h	1600	1316	1033	800	1600	1315	1030	800
Nominal external static pressure	Pa	20	20	20	20	20	20	20	20
Maximum external static pressure	Pa	60	--	--	--	60	--	--	--
Power input (4)	kW	0,26	0,20	0,15	0,11	0,26	0,20	0,15	0,11
BLDC INVERTER COMPRESSOR		Rotary				Rotary			
Quantity	n.	1				1			
Power input	kW	2,01	1,35	0,85	0,49	2,37	1,71	1,21	0,76
CONDENSER FAN	n.	1				1			
Fan type		Axial AC				Axial AC			
Air flow	m³/h	2500				2500			
Nominal external static pressure	Pa	0				0			
Power input (4)	kW	0,13				0,13			
AIR FILTERS	n.	1				1			
Efficiency		EU3				EU3			
REFRIGERANT		R410A				R410A			
Gas circuit	n.	1				1			
POWER SUPPLY	V/Ph/Hz	230/1/50				230/1/50			
ENERGY INDEX (2)									
EER = Energy Efficiency Ratio	kW/kW	3,57	4,08	4,55	5,11	3,45	3,74	3,84	4,18
DIMENSIONS									
UNDER Length	mm	976				976			
UNDER Width	mm	500				500			
UNDER Width with rain shelter (5)	mm	745				745			
UNDER Height	mm	1735				1735			
NET WEIGHT UNDER	kg	195				175			
CONDENSATE DISCHARGE	F Ø	1/2"				1/2"			

THE COOLING CAPACITY DOES NOT CONSIDER THE SUPPLY FAN MOTOR THERMAL LOAD

1. U = Under
2. Gross Value. Characteristics referred to entering air at 27°C with 50%RH and ambient air temperature 35°C. ESP=20Pa.
3. SHR = Sensible cooling capacity / Total cooling capacity.
4. Corresponding to the nominal external static pressure.
5. Rain shelter (supplied in mounting kit) is supplied only with direct free-cooling system (optional accessory).

The units highlighted in this publication contain <HFC R410A [GWP_{100} 2088]> fluorinated greenhouse gases

NOTE:
Below the indicated minimum cooling capacity, the inverter compressor enters the "cycling" area in which the compressor operates with ON / OFF cycles below the minimum modulation frequency (operation only for short periods).
SELECT THE UNIT IN THE MODULATION FIELD.

TECHNICAL DATA – POWER SUPPLY FROM NETWORK

MODEL		0051					0071			
AIR FLOW (1)		U					U			
COOLING CAPACITY (2)		100%	80%	60%	40%	35%	100%	80%	60%	40%
Total	kW	12,60	10,10	7,56	5,04	4,46	17,60	14,10	10,60	7,10
Sensible	kW	11,00	9,14	6,89	4,82	4,46	15,50	12,60	9,38	7,10
SHR (3)		0,87	0,90	0,91	0,96	1,00	0,88	0,89	0,88	1,00
Total power input (Comp. + Fans)	kW	4,34	3,61	2,77	1,87	1,66	5,78	4,03	2,82	1,92
SUPPLY FANS	n.	1					2			
Fan type		Radial AC					Radial AC			
Air flow	m³/h	3200	2705	2209	1714	1600	3900	3246	2593	1950
Nominal external static pressure	Pa	20	20	20	20	20	20	20	20	20
Maximum external static pressure	Pa	67	--	--	--	--	78	--	--	--
Power input (4)	kW	0,48	0,38	0,29	0,21	0,19	0,91	0,71	0,52	0,35
BLDC INVERTER COMPRESSOR		Rotary					Scroll			
Quantity	n.	1					1			
Power input	kW	3,18	2,55	1,80	0,98	0,79	4,49	2,94	1,92	1,19
CONDENSER FAN	n.	1					1			
Fan type		Axial AC					Axial AC			
Air flow	m³/h	4000					5900			
Available static pressure	Pa	0					0			
Power input (4)	kW	0,68					0,38			
AIR FILTERS	n.	1					1			
Efficiency		EU3					EU3			
REFRIGERANT		R410A					R410A			
Gas circuit	n.	1					1			
POWER SUPPLY	V/Ph/Hz	230/1/50					400/3+N/50			
ENERGY INDEX (2)										
EER = Energy Efficiency Ratio	kW/kW	2,90	2,80	2,73	2,70	2,69	3,04	3,50	3,76	3,70
DIMENSIONS										
UNDER Length	mm	1016					1196			
UNDER Width	mm	600					780			
UNDER Width with rain shelter (5)	mm	840					1025			
UNDER Height	mm	1935					2280			
NET WEIGHT UNDER	kg	270					310			
CONDENSATE DISCHARGE	F Ø	1/2"					1/2"			

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