

TECHNICAL DATA – UNDER / OVER version

MODEL		006	009	011	013	016	022	026
SIZE		F1	F1	F1	F1	F2	F2	F2
VERSION (1)		U / O	U / O	U / O	U / O	U / O	U / O	U / O
COOLING CAPACITY (2)								
Total	kW	4.74	7.90	9.66	12.5	15.4	20.4	25.6
Sensible	kW	4.74	7.90	9.66	12.5	15.4	20.4	25.6
SHR (3)		1.0	1.0	1.0	1.0	1.0	1.0	1.0
"EC" SUPPLY FAN	No.	1	1	1	1	2	2	2
Air flow	m ³ /h	1500	2200	2500	2700	4300	5000	5400
Nominal external static pressure	Pa	20	20	20	20	20	20	20
Maximum external static pressure	Pa	422	456	356	246	296	342	224
Power input (4)	kW	0.07	0.21	0.32	0.45	0.40	0.68	0.95
COOLING COIL								
Water flow rate (2)	m ³ /h	0.83	1.37	1.66	2.16	2.66	3.50	4.40
dP coil + valve (2)	kPa	37.1	61.1	32.2	55.7	46.5	80.2	108
Water content	l	1.6	2.3	3.1	4.7	4.4	5.9	8.9
UNIT ELECTRIC DATA								
Electric panel power input	kW	0.015	0.015	0.015	0.015	0.015	0.015	0.015
SOUND LEVEL ISO 3744 (5)								
Pressure level	dB(A)	42	56	58	60	53	60	62
Power level	dB(A)	58	72	74	76	69	76	78
AIR FILTERS	No.	1	1	1	1	2	2	2
Extended filtering surface	m ²	0.68	0.68	0.68	0.68	1.05	1.05	1.05
Efficiency (ISO EN 16890)	COARSE	60%	60%	60%	60%	60%	60%	60%
ENERGY EFFICIENCY INDEX (2)								
EER Energy Efficiency Ratio	kW/kW	67.7	37.6	30.2	27.8	38.5	30.0	26.9
DIMENSIONS								
Length	mm	600	600	600	600	1000	1000	1000
Depth	mm	500	500	500	500	500	500	500
Height	mm	1980	1980	1980	1980	1980	1980	1980
NET WEIGHT Over	kg	103	109	116	120	163	173	181
NET WEIGHT Under	kg	110	118	126	130	173	183	191
CONNECTIONS								
Cooling coil inlet/outlet – ISO 228/1-G	Ø	3/4"	3/4"	3/4"	1"	1+1/4"	1+1/4"	1+1/4"
Condensate (6)	Ø mm	19	19	19	19	19	19	19
Power supply wiring cable (7)	No. x mm ²	3G1.5	3G1.5	3G1.5	3G1.5	3G1.5	3G1.5	3G1.5

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

1. U = Under, downflow / O = Over, upflow.
2. Gross value. Characteristics referred to entering air at 26°C-40% RH; Chilled water temperature 10-15°C – glycol solution 0%; ESP=20Pa.
3. SHR = Sensible cooling capacity / Total cooling capacity.
4. Corresponding to the nominal ESP=20Pa.
5. Sound pressure level on air return at 1m.
6. Rubber pipe – referred to internal diameter.
7. Minimum section of the power cable for units without accessories.

TECHNICAL DATA – DISPLACEMENT version

MODEL		006	009	011	013	016	022	026
SIZE		F1	F1	F1	F1	F2	F2	F2
VERSION (1)		DL	DL	DL	DL	DL	DL	DL
COOLING CAPACITY (2)								
Total	kW	4.68	7.64	9.32	10.8	14.9	19.2	21.8
Sensible	kW	4.68	7.64	9.32	10.8	14.9	19.2	21.8
SHR (3)		1.0	1.0	1.0	1.0	1.0	1.0	1.0
"EC" SUPPLY FAN	No.	1	1	1	1	2	2	2
Air flow	m ³ /h	1050	1540	1750	1750	3010	3500	3500
Nominal external static pressure	Pa	20	20	20	20	20	20	20
Maximum external static pressure	Pa	127	304	347	316	302	334	314
Power input (4)	kW	0.06	0.18	0.26	0.28	0.33	0.53	0.56
COOLING COIL								
Water flow rate (2)	m ³ /h	0.79	1.33	1.62	1.87	2.56	3.30	3.74
dP coil + valve (2)	kPa	36.5	57.7	30.2	42.6	44.0	72.4	81.3
Water content	l	1.6	2.3	3.1	4.7	4.4	5.9	8.9
UNIT ELECTRIC DATA								
Electric panel power input	kW	0.015	0.015	0.015	0.015	0.015	0.015	0.015
SOUND LEVEL ISO 3744 (5)								
Pressure level	dB(A)	46	54	57	57	56	59	59
Power level	dB(A)	62	70	73	73	72	75	75
AIR FILTERS	No.	1	1	1	1	2	2	2
Extended filtering surface	m ²	0.68	0.68	0.68	0.68	1.05	1.05	1.05
Efficiency (ISO EN 16890)	COARSE	60%	60%	60%	60%	60%	60%	60%
ENERGY EFFICIENCY INDEX (2)								
EER Energy Efficiency Ratio	kW/kW	78.0	42.4	35.8	38.6	45.2	36.2	38.9
DIMENSIONS								
Length	mm	600	600	600	600	1000	1000	1000
Depth	mm	500	500	500	500	500	500	500
Height	mm	2120	2120	2120	2120	2120	2120	2120
NET WEIGHT	kg	116	121	130	134	182	187	195
CONNECTIONS								
Cooling coil inlet/outlet – ISO 228/1-G	Ø	3/4"	3/4"	3/4"	1"	1+1/4"	1+1/4"	1+1/4"
Condensate (6)	Ø mm	19	19	19	19	19	19	19
Power supply wiring cable (7)	No. x mm ²	3G1.5	3G1.5	3G1.5	3G1.5	3G1.5	3G1.5	3G1.5

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

1. DL = Displacement air flow.
2. Gross value. Characteristics referred to entering air at 30°C-30% RH; Chilled water temperature 10-15°C – glycol solution 0%; ESP=20Pa.
3. SHR = Sensible cooling capacity / Total cooling capacity.
4. Corresponding to the nominal ESP=20Pa.
5. Sound pressure level on air return at 1m.
6. Rubber pipe – referred to internal diameter.
7. Minimum section of the power cable for units without accessories.