w-AV3 UNDER/OVER

MODEL			6	9	11	13	16	22	26
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		m3/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	201	471	384	268	277	362	246
Power input	(4)	kW	0.07	0.21	0.32	0.45	0.40	0.68	0.95
COOLING COIL									
Water flow rate	(2)	m3/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		m2	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 mm2	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

Notes:

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.