w-AV DF

TECHNICAL DATA

MODEL		072	081	100	120	138	160
SIZE		**E5**	**E6**	**E7**	**E8**	**E9**	**E10**
VERSION (1)		**U / O**	**U / O**	**U / O**	**U / O**	**U / O**	**U**
COOLING CAPACITY (2)							
Total	kW	**78,8**	**81,7**	**101**	**128**	**140**	**171**
Sensible	kW	**67,7**	**76,1**	**94**	**114**	**130**	**151**
SHR (3)		0,86	0,93	0,93	0,89	0,93	0,88
"EC" SUPPLY FANS	n.	2	2	2	3	3	3
Air flow	m^3/h	16350	20000	24200	28300	33100	37150
Nominal external static pressure	Pa	20	20	20	20	20	20
Maximum external static pressure	Pa	500	418	144	188	237	110
Fans power input (4)	kW	3,10	3,74	4,82	6,72	7,14	7,66
COOLING COIL							
Water flow rate (2)	m^3/h	13,57	14,07	17,42	21,96	24,04	29,48
dP coil + valve (2)	kPa	59,6	43,4	38,1	62,6	56,9	89,1
Water volume	l	18,1	21,2	24,6	28,5	33,8	44
AIR FILTERS	n.	3	4	4	5	6	6
Filter area	m^2	2,59	3,16	3,83	4,47	5,24	6,54
Efficiency		G4	G4	G4	G4	G4	G4
POWER SUPPLY	V/Ph/Hz	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50
ENERGY EFFICIENCY INDEX (2)							
EER Energy Efficiency Ratio	kW/kW	25,4	21,8	21,0	19,0	19,6	22,3
DIMENSIONS							
Length	mm	1630	1875	2175	2499	2899	3510
Width	mm	930	930	930	930	930	930
Height	mm	1980	1980	1980	1980	1980	1980
NET WEIGHT OVER	kg	492	557	624	699	805	--
NET WEIGHT UNDER	kg	534	605	678	761	879	1052
HYDRAULIC CONNECTIONS							
WATER INLET / OUTLET ISO 7/1 - R	Ø	2"	2"	2+1/2"	2+1/2"	3"	3"
CONDENSATE DISCHARGE							
Rubber pipe – internal diameter	Ø mm	19	19	19	19	19	19

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 24°C-50%RH with chilled water temperature 7-12°C - 0% glycol. ESP=20Pa.
3. SHR = Sensible cooling capacity / Total cooling capacity.
4. Corresponding to the nominal external static pressure.