TECHNICAL DATA

MODEL		007	013	021	032	045	053
SIZE		E0	E1	E2	E3	E3P	E4
VERSION (1)		U / O	U / O	U / O	U / O	U / O	U / O
COOLING CAPACITY (2)							
Total	kW	7,03	13,6	21,4	32,1	45,5	53,5
Sensible	kW	5,82	11,9	19,4	29,9	42,1	49,8
SHR (3)		0,83	0,88	0,91	0,93	0,93	0,93
"EC" SUPPLY FANS	n.	1	1	1	1	1	1
Air flow	m^3/h	1800	2900	4920	7800	10800	13100
Nominal external static pressure	Pa	20	20	20	20	20	20
Maximum external static pressure	Pa	82	75	101	471	297	194
Fans power input (4)	kW	0,12	0,29	0,88	1,66	2,20	2,15
COOLING COIL							
Water flow rate (2)	m^3/h	1,22	2,34	3,67	5,54	7,84	9,21
dP coil + valve (2)	kPa	29,4	23,3	57,3	49,3	41,5	45,6
Water volume	l	2,2	4,2	5,3	7,8	11,4	13,8
AIR FILTERS	n.	1	1	1	2	2	3
Filter area	m^2	0,28	0,61	0,78	1,24	1,71	2,07
Efficiency		G2	G4	G4	G4	G4	G4
POWER SUPPLY	V/Ph/Hz	230/1/50	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	58,6	46,9	24,3	19,3	20,7	24,9
DIMENSIONS							
Length	mm	655	650	785	1085	1085	1305
Width	mm	445	675	675	775	930	930
Height	mm	1680	1925	1925	1925	1925	1980
NET WEIGHT OVER	kg	150	203	239	302	321	345
NET WEIGHT UNDER	kg	150	216	257	325	329	379
HYDRAULIC CONNECTIONS							
WATER INLET / OUTLET ISO 7/1 - R	Ø	3/4"	1"	1"	1+1/4"	1+1/4"	1+1/2"
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.

w-AV S

TECHNICAL DATA

MODEL		072	081	100	120	138
SIZE		**E5**	**E6**	**E7**	**E8**	**E9**
VERSION (1)		**U / O**	**U / O**	**U / O**	**U / O**	**U / O**
COOLING CAPACITY (2)						
Total	kW	**78,8**	**81,7**	**101**	**128**	**140**
Sensible	kW	**67,7**	**76,1**	**94**	**114**	**130**
SHR (3)		0,87	0,93	0,93	0,89	0,93
"EC" SUPPLY FANS	n.	2	2	2	3	3
Air flow	m^3/h	16350	20000	24200	28300	33100
Nominal external static pressure	Pa	20	20	20	20	20
Maximum external static pressure	Pa	532	458	247	237	309
Fans power input (4)	kW	2,90	3,47	3,98	6,22	6,42
COOLING COIL						
Water flow rate (2)	m^3/h	13,57	14,07	17,42	21,96	24,04
dP coil + valve (2)	kPa	59,6	43,4	38,1	62,6	56,9
Water volume	l	18,1	21,2	24,6	28,5	33,8
AIR FILTERS	n.	3	4	4	5	6
Filter area	m^2	2,59	3,16	3,83	4,47	5,24
Efficiency		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
ENERGY EFFICIENCY INDEX (2)						
EER Energy Efficiency Ratio	kW/kW	27,2	23,5	25,4	20,6	21,8
DIMENSIONS						
Length	mm	1630	1875	2175	2499	2899
Width	mm	930	930	930	930	930
Height	mm	1980	1980	1980	1980	1980
NET WEIGHT OVER	kg	428	483	535	598	679
NET WEIGHT UNDER	kg	470	531	589	660	753
HYDRAULIC CONNECTIONS						
WATER INLET / OUTLET ISO 7/1 - R	Ø	2"	2"	2+1/2"	2+1/2"	3"
CONDENSATE DISCHARGE						
Rubber pipe – internal diameter	Ø mm	19	19	19	19	19

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

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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.

w-AV S

TECHNICAL DATA

MODEL		**160**	**215**
SIZE		**E10**	**E10**
VERSION (1)		**U**	**U**
COOLING CAPACITY (2)			
Total	kW	**171**	**234**
Sensible	kW	**151**	**177**
SHR (3)		0,88	0,76
"EC" SUPPLY FANS	n.	3	3
Air flow	m^3/h	37150	37150
Nominal external static pressure	Pa	20	20
Maximum external static pressure	Pa	207	207
Fans power input (4)	kW	6,44	6,44
COOLING COIL			
Water flow rate (2)	m^3/h	29,48	40,32
dP coil + valve (2)	kPa	89,1	79,7
Water volume	l	44	66
AIR FILTERS	n.	6	6
Filter area	m^2	6,54	6,54
Efficiency		G4	G4
POWER SUPPLY	V/Ph/Hz	400/3+N/50	400/3+N/50
ENERGY EFFICIENCY INDEX (2)			
EER Energy Efficiency Ratio	kW/kW	26,6	36,3
DIMENSIONS			
Length	mm	3510	3510
Width	mm	930	930
Height	mm	1980	1980
NET WEIGHT OVER	kg	-	-
NET WEIGHT UNDER	kg	900	970
HYDRAULIC CONNECTIONS			
WATER INLET / OUTLET ISO 7/1 - R	Ø	3”	3”
CONDENSATE DISCHARGE			
Rubber pipe – internal diameter	Ø mm	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.