

## TECHNICAL DATA w-AV 2S

MODEL		065	088	096	127	148	173	226
SIZE		E4	E5	E6	E7	E8	E9	E10
VERSION (1)		U	U	U	U	U	U	U
<b>COOLING CAPACITY (2)</b>								
Total	kW	58,2	89,2	97,9	127	149	175	227
Sensible	kW	47,8	69,9	78,8	104	121	144	182
SHR (3)		0,82	0,78	0,80	0,82	0,81	0,82	0,80
"EC" SUPPLY FANS	n.	1	2	2	3	3	3	4
Air flow	m³/h	13950	19700	23000	30000	34000	41000	52000
Nominal external static pressure	Pa	20	20	20	20	20	20	20
Maximum external static pressure	Pa	103	144	209	145	305	129	192
Fans power input (4)	kW	2,4	4,5	4,8	6,6	6,3	7	8,7
<b>COOLING COIL</b>								
Water flow rate (2)	m³/h	10	15,37	16,84	21,85	25,74	30,13	39,24
dP coil + valve (2)	kPa	56	85,2	65,2	65,3	95,3	94,3	84,5
Water volume	l	17,6	23,1	27,1	31,4	36,4	43,2	53
AIR FILTERS	n.	-	-	-	8	10	12	12
Filter area	m²	2,66	3,32	4,05	4,89	5,72	6,7	8,37
Efficiency		G4	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	400/3+N/50
<b>ENERGY EFFICIENCY INDEX (2)</b>								
EER Energy Efficiency Ratio	kW/kW	24,3	19,8	20,4	19,2	23,7	25,0	26,1
<b>DIMENSIONS AIR HANDLING SECTION</b>								
Length	mm	1305	1630	1875	2175	2499	2899	3510
Width	mm	930	930	930	930	930	930	930
Height	mm	1980	1980	1980	1980	1980	1980	1980
<b>DIMENSIONS SUPPLY FANS SECTION</b>								
Length	mm	1305	1630	1875	2175	2499	2899	3510
Width	mm	905	905	905	905	905	905	905
Height	mm	600	600	600	600	600	600	600
NET WEIGHT AIR HANDLING SECTION	kg	300	375	430	495	555	635	755
NET WEIGHT SUPPLY FANS SECTION	kg	110	145	165	200	240	275	348
<b>HYDRAULIC CONNECTIONS</b>								
WATER INLET / OUTLET - ISO 7/1 - R	Ø	2"	2"	2" 1/2	2" 1/2	3"	3"	-
WATER INLET / OUTLET - DN - PN10 (5)	Ø mm	-	-	-	-	-	-	80
<b>CONDENSATE DISCHARGE</b>								
Rubber pipe - internal diameter	Ø mm	19	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.
5. The counter-flange is not supplied. It is at Customer charge

## TECHNICAL DATA w-AV 2K

MODEL		080	108	128	154	180	210	280
SIZE		E4	E5	E6	E7	E8	E9	E10
VERSION (1)		U	U	U	U	U	U	U
<b>COOLING CAPACITY (2)</b>								
Total	kW	57,8	86,8	103	125	146	173	225
Sensible	kW	57,8	86,8	103	125	146	173	225
SHR (3)		1	1	1	1	1	1	1
<b>"EC" SUPPLY FANS</b>								
"EC" SUPPLY FANS	n.	1	2	2	3	3	3	4
Air flow	m³/h	13800	19700	23000	29000	33300	40100	51700
Nominal external static pressure	Pa	20	20	20	20	20	20	20
Maximum external static pressure	Pa	110	144	210	176	318	140	193
Fans power input (4)	kW	2,4	4,5	4,8	6,6	6,3	7,0	8,7
<b>COOLING COIL</b>								
Water flow rate (2)	m³/h	9,93	14,94	17,71	21,49	25,09	29,77	38,88
dP coil + valve (2)	kPa	46,5	35,1	52,2	45,6	64,4	26,7	49,1
Water volume	l	26,6	34,8	40,7	47,2	54,7	64,8	79,4
<b>AIR FILTERS</b>								
AIR FILTERS	n.	-	-	-	8	10	12	12
Filter area	m²	2,66	3,32	4,05	4,89	5,72	6,7	8,37
Efficiency		G4	G4	G4	G4	G4	G4	G4
<b>POWER SUPPLY</b>								
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	400/3+N/50
<b>ENERGY EFFICIENCY INDEX (2)</b>								
EER Energy Efficiency Ratio	kW/kW	24,1	19,3	21,5	18,9	23,2	24,7	25,9
<b>DIMENSIONS AIR HANDLING SECTION</b>								
Length	mm	1305	1630	1875	2175	2499	2899	3510
Width	mm	930	930	930	930	930	930	930
Height	mm	1980	1980	1980	1980	1980	1980	1980
<b>DIMENSIONS SUPPLY FANS SECTION</b>								
Length	mm	1305	1630	1875	2175	2499	2899	3510
Width	mm	905	905	905	905	905	905	905
Height	mm	600	600	600	600	600	600	600
<b>NET WEIGHT AIR HANDLING SECTION</b>								
NET WEIGHT AIR HANDLING SECTION	kg	325	440	470	550	610	700	755
<b>NET WEIGHT SUPPLY FANS SECTION</b>								
NET WEIGHT SUPPLY FANS SECTION	kg	110	145	165	200	240	275	348
<b>HYDRAULIC CONNECTIONS</b>								
WATER INLET / OUTLET - ISO 7/1 - R	Ø	2"	2"	2" 1/2	2" 1/2	3"	-	-
WATER INLET / OUTLET - DN - PN10 (5)	Ø mm	-	-	-	-	-	80	80
<b>CONDENSATE DISCHARGE</b>								
Rubber pipe - internal diameter	Ø mm	19	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 26°C-40%RH with chilled water temperature 10-15°C - 0% glycol. ESP=20Pa.
3. SHR = Sensible cooling capacity / Total cooling capacity.
4. Corresponding to the nominal external static pressure.
5. The counter-flange is not supplied. It is at Customer charge