TECHNICAL DATA

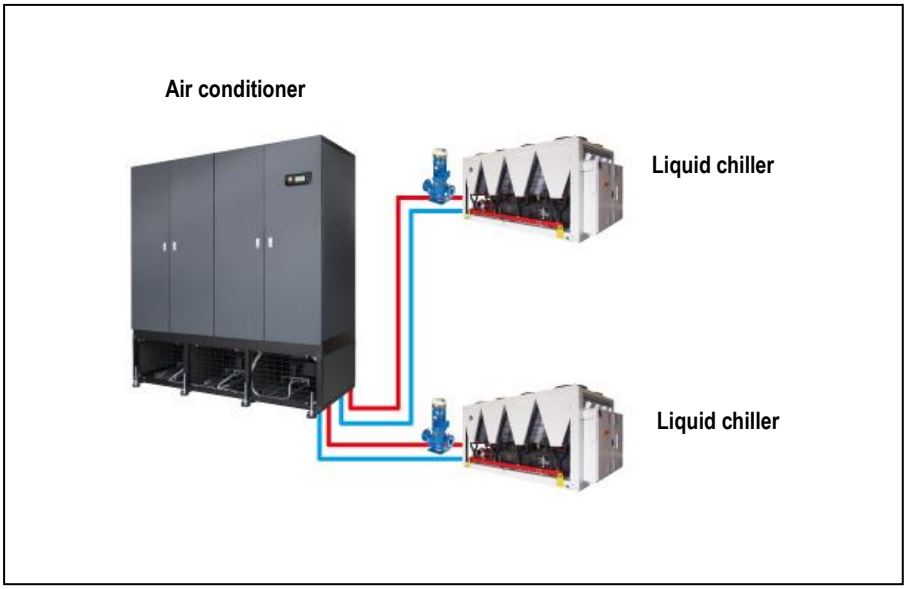
MODEL		065	088	096	127	148	173	226
SIZE		E4	E5	E6	E7	E8	E9	E10
VERSION (1)		U	U	U	U	U	U	U
COOLING CAPACITY (2)								
Total	kW	58,2	89,2	97,9	127	149	175	227
Sensible	kW	47,8	69,9	78,8	104	121	144	182
SHR (3)		0,82	0,78	0,80	0,82	0,81	0,82	0,80
"EC" SUPPLY FANS	n.	1	2	2	3	3	3	4
Air flow	m³/h	13950	19700	23000	30000	34000	41000	52000
Nominal external static pressure	Pa	20	20	20	20	20	20	20
Maximum external static pressure	Pa	165	49	209	40	205	24	107
Fans power input (4)	kW	2,13	5,18	4,8	7,72	7,32	8,43	10,1
COOLING COIL								
Water flow rate (2)	m³/h	10,00	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
ENERGY EFFICIENCY INDEX (2)								
EER Energy Efficiency Ratio	kW/kW	27,3	17,2	20,4	16,5	20,4	20,8	22,5
DIMENSIONS AIR HANDLING SECTION								
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
DIMENSIONS SUPPLY FANS SECTION								
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	352	439	504	584	656	761	905
NET WEIGHT SUPPLY FANS SECTION	kg	110	145	165	200	240	275	348
HYDRAULIC CONNECTIONS								
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
CONDENSATE DISCHARGE								
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.

DUAL FLUID SYSTEM

DUAL FLUID system on the machine allows to obtain two independent cooling systems:



The microprocessor control system automatically manages the system, by activating the cooling circuit more convenient according to the parameters set.
With this system it is possible, with a limited use of space, to solve several plant problems such as:

- Chilled water coil fed with chilled water or mains water as a stand-by of the main cooling circuit.
- Double chilled water feeding with two independent circuit. This solution is used when you need to ensure redundancy of the cooling system.

The temperature control is performed with the same logic of the main coil.

TECHNICAL DATA

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SIZE		E4	E5	E6	E7	E8	E9	E10
VERSION (1)		U	U	U	U	U	U	U
COOLING CAPACITY (2)								
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
COOLING COIL								
Water flow rate (2)	m^3/h	10,00	15,37	16,80	21,90	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
HYDRAULIC CONNECTIONS								
WATER INLET / OUTLET - ISO 7/1 - R	Ø	2"	2"	2" 1/2	2" 1/2	3"	3"	-
WATER INLET / OUTLET – DN – PN10 (4)	Ø mm	-	-	-	-	-	-	80

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

1. U = Under, downflow / O = Over, upflow
2. 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. The counter-flange is not supplied. It is at Customer charge.