

MODEL	U.M.	in.CH 5	in.CH 7	in.CH 10	in.CH 15
Cooling performance at water outlet 7°C, water inlet 12 °C and outside temperature 35°C db / 24°C wb					
COOLING CAPACITY (T. WATER OUT 7°C/T. EXT.AIR 35°C)	kW	5,2	7,2	10,27	14,28
Absorbed power (excluding absorption of the circulation pump)	kW	1,52	2,01	3,11	4,22
Energy efficiency EER	W/W	3,42	3,58	3,30	3,38
COOLING CAPACITY (T. WATER OUT 18°C/T. EXT.AIR 35°C)	kW	7,2	10,1	14,4	19,2
Input power (excluding absorption of the circulation pump)	kW	1,67	2,21	3,42	4,86
Energy efficiency EER	W/W	4,31	4,57	4,21	4,07
INTERNAL NOISE					
Sound pressure Lp (a)	dB(A)	47,5	50,5	53	55
EXTERNAL NOISE					
Sound pressure Lp (b)	dB (A)	47	47,1	48	50
REFRIGERANT					
Type		R410A	R410A	R410A	R410A
COMPRESSOR					
Type		rotary	rotary	rotary	scroll
EVAPORATOR					
Type		Brazed plate	Brazed plate	Brazed plate	Brazed plate
FAN					
Type		Centrifugal with backward curved blades	Centrifugal with backward curved blades	Centrifugal with backward curved blades	Centrifugal with backward curved blades
Air flow	m3/h	580	550	700	1000
Residual head	Pa	80	80	80	80
CIRCULATION PUMP					
Nominal flow	l/h	894	1239	1766	2456
Residual head	kPa	50,0	50,0	45,0	55,0
Expansion tank capacity	l	2	2	2	2
Internal storage tank capacity	l	14	14	14	14
ELECTRICAL POWER SUPPLY					
Voltage	V/50Hz	230	230	230	400-3N
Maximum current absorbed (c)	A	14,4	18,1	26,3	15,0
HYDRAULIC FIXTURES					
System water inlet/outlet	"	1	1	1	1 1/4
Water supply	"	1/2	1/2	1/2	1/2
Water drainage	mm	22	22	22	22
SIZE					
Width	mm	530	530	530	530
Height	mm	1275	1445	1445	1445
Depth	mm	440	440	440	440
WEIGHT FOR TRANSPORT					
	kg	94	111	117	147

Performance in accordance with EN 14511

(a) measured in a semi-anechoic chamber refer to the norm ISO 7779

(b) measured in a semi-anechoic chamber at a distance of 5 metres from the unit

(c) Inlet water temperature 20°C, outside air temperature 52°C b.s.

CONFORMITY

Directive 2006/42/EC on machinery

Low Voltage Directive 2006/95/EC

Electromagnetic Compatibility Directive 2004/108/EC