

### CLAUSIUS strong 7-45 kW

Model		H 7-45	H 7-45 PC	H 7-45 DS	H 7-45 PC DS	HC 7-45	HC 7-45 PC	HC 7-45 DS	HC 7-45 PC DS
Applications	Heating	✓	✓	✓	✓	✓	✓	✓	✓
	Active cooling					✓	✓	✓	✓
	Integrated passive cooling		✓		✓		✓		✓
	High temperature DHW with desuperheater			✓	✓			✓	✓
External applications control	Circulating pumps control (0-10 V)	✓	✓	✓	✓	✓	✓	✓	✓
	DHW control	✓	✓	✓	✓	✓	✓	✓	✓
	External passive cooling control	✓		✓		✓		✓	
	Pool control	✓	✓	✓	✓	✓	✓	✓	✓
	Mixing groups control (4 x 0-10 V)	✓	✓	✓	✓	✓	✓	✓	✓
	Electrical resistances control (3 x 3 kW)	✓	✓	✓	✓	✓	✓	✓	✓
Power	Heating power (kW)	7 - 45	7 - 45	7 - 45	7 - 45	7 - 45	7 - 45	7 - 45	7 - 45
	Active cooling power (kW)					9 - 48	9 - 48	9 - 48	9 - 48
	Passive cooling power <sup>(1)</sup> (kW)		20		20		20		20
Efficiency	COP <sup>(2)</sup>	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	EER <sup>(3)</sup>					6.7	6.7	6.7	6.7
Refrigerant	Type	R410A							
	Load (kg)	3.6	3.6	3.8	3.8	3.6	3.6	3.8	3.8
	Maximum pressure (bar)	42							
Dimensions	Width x Depth x High (mm)	600 x 800 x 1140							
Connection sizes	Brine / Water	2"							
	DHW high temperature			1"	1"			1"	1"
Weigh (kg)		240	276	256	292	251	287	267	303
Sound level (dB) <sup>(4)</sup>		52	52	52	52	52	52	52	52
Power supply		3 ph - 400 V							

(1) Under conditions 15/18 °C and 21/18°C

(2) In accordance with standard EN14511, under conditions 0/-3 °C y 30/35 °C.

(3) In accordance with standard EN14511, under conditions 7/12 °C y 30/35 °C.

(4) In accordance with standard EN12102.