

Model		PHR 11
Code		PHR117F
Heating capacity (conditions NF PAC)		
Heating +7°C / 35°C floor	kW	11,1
COP +7°C / +35°C floor	kW/kW	4,11
Heating -7°C / 35°C floor	kW	6,5
COP -7°C / +35°C floor	kW/kW	2,24
Supplementary heating element (accessory MCE)	kW	3 x (2,5 or 3,3) (1)
Cooling capacity		
Cooling +18°/23°C floor	kW	9,6
EER	kW/kW	2,94
Circuit specifications and connections		
Expansion tank capacity	l	2
Nominal water flow rate (+7°C/35°C)	m ³ /h	1,91
Available head for pump	kPa	55
Hydraulic connections	"	1" M
Electrical specifications and connections (heat pump without supplementary heating element)		
Power 50 Hz with GND	V	400 V+N
Startup current	A	48
Max current draw with heating element	A	10
Thermal cutout rating	A	12
Power cord cross section (2)		5G 2,5 mm ²
Electrical specifications and connections (Supplementary heating elements MCE 8 3 x 2,5 kW power supplied separately from heat pump)(3)		
Power 50 Hz with GND	V	400 V+N
Startup current	A	11
Thermal cutout rating	A	16
Power cord cross section (2)		5G 2,5 mm ²
Running noise		
Sound power per EN12102	dB(A)	67
Sound pressure level at 10 m (4)	dB(A)	39
Operating range		
Operating range in heating	°C	-16°C / +20°C
Operating range in cooling	°C	+0°/+43°C
Water temperature range (heating)	°C	+25°C / +40°C
Water temperature range (cooling)	°C	+5°C /+25°C
General specifications		
Dimensions H x L x D	mm	1235 x 1190 x 340
Net weight	kg	113
R410A refrigerant charge	kg	3,2

(1) Indicative power, according the model of heating element MCE mounted on heat pump (upon choice MCE 8, 10 or 12 see accessory

(2) Indicative data, must be checked against the installation conditions and legal requirements.

(3) Heating element accessory (MCE) can be connected to heat pump without looking at MCE installation details.

(4) Sound pressure (indicative value not NFPA certified): this level correspond to the level of a unit installed outdoors (free sound field) on a reflective surface at a distance of 10 m.