

MODEL		PHRF 77
Single pump code		PHR777F
Dual pump code		PHR777FB
Heating capacity		
Power 45°C / 40°C / +7°C ext.	kW	77,02
COP +7°C / +45°C	kW/kW	3,29
Power 45°C / 40°C / -7°C ext.	kW	52,85
COP -7°C / +45°C	kW/kW	2,27
Cooling capacity		
Power +7°C/+12°C / + 35°C ext.	kW	69,80
EER	kW/kW	2,96
Number of compressors		2
R410A refrigerant charge	kg	19,50
Circuit specifications and connections		
Expansion tank capacity	l	8
Nominal water flow rate in cooling (+7°C/35°C )	m <sup>3</sup> /h	12,0
Available head for pump	kPa	129
Storage tank capacity	l	125
Hydraulic connections	"	2" F
Electrical specifications and connections		
Power 50 Hz with GND		400 V + N
Startup current with soft start	A	136
Max current draw	A	57
Thermal cutout rating	A	63
Power cord cross section (1)		5G 35 mm <sup>2</sup>
Running noise		
Sound power per EN12102	dB(A)	81
Sound pressure level at 10 m (2)	dB(A)	53
Operating range		
Air temperature range	°C	+47°C / -10°C
Water delivery temperature max./min., in cooling mode	°C	+16°C / +5°C
Water delivery temperature max./min. in heating mode	°C	+53°C / +25°C
Δ Exchanger water temperature, min./max.	°C	+3°C / +8°C
General specifications		
Dimensions H x L x D	mm	1735 x 2091 x 1183
Net weight	kg	767

- (1) Indicative data, must be checked against the installation conditions and legal requirements  
(2) Sound pressure: unit outdoors on a reflective surface at a distance of 10m