



MULTITHERMICA

RHP 18 3P HE6 NV



Height	826 mm
PERFORMANCE DATA / HEATING MODE	
Heating (A7° C ; W35° C) :	
Nominal Heating Capacity	15.95 kW
COP	4.32
Maximum Heating Capacity	26.9 kW
Minimum Heating Capacity	5.8 kW
SCOP	4.45 kW
Energy Efficiency class	A+++
Heating (A-7° C ; W35° C) :	
Nominal Heating Capacity	10.03 kW
COP	2.83
Heating (A7° C ; W55° C) :	
Nominal Heating Capacity	13.91 kW
COP	2.11



SCOP	3.36
Energy Efficiency class	A++
PERFORMANCE DATA/ COOLING MODE	
Cooling (A35 °C; W7 °C) :	
Nominal Cooling Capacity	13.9 kW
EER	3.19 kW
Maximum Cooling Capacity	16.5 kW
Minimum Cooling Capacity	5.8 kW
SEER	5.95
Cooling (A35 °C; W18 °C) :	
Nominal Cooling Capacity	19.4 kW
EER	4.13
ELECTRICAL DATA :	
Supply voltage	400 / 3 / 50 V/ph/Hz
Maximum absorbed power (Unit without heating element)	7.5 kW
Maximum absorbed power (Unit with 6kW heating element)	13.5 kW
REFRIGERANT CONNECTIONS	
Refrigerant type	R32 (GWP 675)
Refrigerant Load	3.1 kg
Operating range	-25 to +43
INDOOR UNIT :	
Model	RHP 18 SI 3P HE6 NV
Code	423828



Width	501 mm
Depth	321 mm
Weight	46 kg
Indoor unit protection degree	IPX2
Sound power level	43 dB
Sound pressure 1m	32 dB(A)
Circulation pump performance	
Model of the pump	HF 25/10
Available pump head (A7;W35)	51 kPa
OUTDOOR UNIT :	
Model	RHP ATW 18 SO 3P NV
Code	423838
Height	1416 mm
Width	940 mm
Depth	340 mm
Weight	98 kg
Outdoor unit protection degree	IPX4
Sound power level Heating	66 dB
Sound pressure 1m Heating	55 dB(A)
Sound power level Cooling	65 dB
Sound pressure 1m Cooling	54 dB(A)
Compressor	Twin Rotary compressor with oil
HYDRAULIC CONNECTIONS :	



Nominal flow rate in heating (A7/W35 °C)	45.7 L/min
Nominal flow rate in cooling. (A35/W18 °C)	55.5 L/min
Safety valve	3 bar
Maximum permissible temperature in the system	65 °C
Expansion vessel capacity of the system	8 l
Internal pressure losses	42 kPa
Minimum system water content	75 l
Minimum water flow rate to close the differential pressure	32 L/min
% in relation to the nominal flow rate	70 %
Minimum water flow to open the differential pressure	29 L/min
% in relation to the nominal flow rate	57 %
Hydraulic connections	1" G