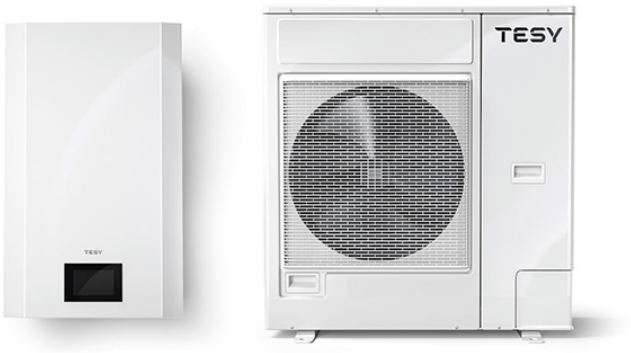
TESY
It's impressive



MULTITHERMICA

RHP 12 3P HE6 NV



Model	RHP ATW 12 SO 1P NV
Height	826 mm
PERFORMANCE DATA / HEATING MODE	
Heating (A7° C ; W35° C) :	
Nominal Heating Capacity	11.59 kW
COP	4.93
Maximum Heating Capacity	18.3 kW
Minimum Heating Capacity	3.8 kW
SCOP	4.89 kW
Energy Efficiency class	A+++
Heating (A-7° C ; W35° C) :	
Nominal Heating Capacity	6.93 kW
COP	3.28
Heating (A7° C ; W55° C) :	
Nominal Heating Capacity	10.11 kW

COP	2.52
SCOP	3.54
Energy Efficiency class	A++
PERFORMANCE DATA/ COOLING MODE	
Cooling (A35 °C; W7 °C) :	
Nominal Cooling Capacity	8.9 kW
EER	3.22 kW
Maximum Cooling Capacity	11.8 kW
Minimum Cooling Capacity	3.2 kW
SEER	5.50
Cooling (A35 °C; W18 °C) :	
Nominal Cooling Capacity	12.3 kW
EER	4.09
ELECTRICAL DATA :	
Supply voltage	230 / 1 / 50 V/ph/Hz
Maximum absorbed power (Unit without heating element)	5.6 kW
Maximum absorbed power (Unit with 6kW heating element)	11.6 kW
REFRIGERANT CONNECTIONS	
Refrigerant type	R32 (GWP 675)
Refrigerant Load	3.1 kg
Operating range	-25 to +43
INDOOR UNIT :	
Model	RHP 12 SI 1/3P HE6 NV

Code	423823
Width	501 mm
Depth	321 mm
Weight	41 kg
Indoor unit protection degree	IPX2
Sound power level	42 dB
Sound pressure 1m	31 dB(A)
Circulation pump performance	
Model of the pump	HF 25/10
Available pump head (A7;W35)	31 kPa
OUTDOOR UNIT :	
Code	423833
Height	1416 mm
Width	940 mm
Depth	340 mm
Weight	98 kg
Outdoor unit protection degree	IPX4
Sound power level Heating	63 dB
Sound pressure 1m Heating	52 dB(A)
Sound power level Cooling	63 dB
Sound pressure 1m Cooling	52 dB(A)
Compressor	Twin Rotary compressor with oil separator
HYDRAULIC CONNECTIONS :	

Nominal flow rate in heating (A7/W35 °C)	33.2 L/min
Nominal flow rate in cooling. (A35/W18 °C)	35.3 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	28 kPa
Minimum system water content	50 l
Minimum water flow rate to close the differential pressure	22.8 L/min
% in relation to the nominal flow rate	69 %
Minimum water flow to open the differential pressure	19.9 L/min
% in relation to the nominal flow rate	64 %
Hydraulic connections	1"G