



PROTEU®
SOLUTIONS

Tamisa Premium
heat pump
for domestic
hot water



Proteu®
thinking about
your comfort



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Tamisa Premium heat pump is able to reduce the heating water costs by about 75%.

It incorporates a standard time programmer to select the most economical periods of energy, as well as additional support resistance at no additional cost.

This Proteu solution is easy to install and it is only necessary to connect the ducts to the air inlets and outlets of the equipment.

It can also be used to ventilate other rooms without the use of additional fans, thus improving indoor air quality.



Certificated COP (EN16147:2017)

Tamisa Premium heat pump for domestic hot water - Data Sheet



200 lts

300 lts

500 lts

Technical Data

		Tamisa Premium 200	Tamisa Premium 300	Tamisa Premium 500
Accumulator Material		Inox 444	Inox 444	Inox 444
Height	mm	1750	2040	2320
Diameter	mm	590	590	755
COP (EN 16147: 2017)		3,57	3,61	3,4*
Thermal Power	kW	1,8	1,8	2,5
Electrical Power Absorbed	kW	0,46	0,46	0,68
Current Absorbed	A	2,0	2,0	2,96
Power Resistance SOS	kW	1,5	1,5	2,5
Maximum Absorbed Power	kW	2,05	2,05	3,32
Maximum Absorbed Current	A	8,92	8,92	14,4
Electrical Voltage / Frequency		230V - 50Hz	230V - 50Hz	230V - 50Hz
Type of Compressor		Rotativo	Rotativo	Rotativo
Cooling Fluid		R134a	R134a	R134a
Quantity of Frightening Fluid	g	1000	1000	1250
Low Pressure Frightening Fluid	MPa	1,3	1,3	1,3
High Pressure Frightening Fluid	MPa	2,1	2,1	2,1
Service Pressure	Bar	6	6	6
Test pressure	Bar	9	9	9
Hydraulic Connections		3/4"	3/4"	1"
Temp. Max Outputs from Water	°C	60	60	60
Temp. Max. Service (Heat Pump)	°C	55	55	55
Diameter of conduits	mm	150	150	150
Maximum Length of Pipelines	m	8	8	8
Sound Power	dB(A)	45	45	45
Air Volume	m³/h	350	350	350
Pressure of the Air	Pa	40	40	40
Number of Users		2-3	4-6	7-12
Net weight	kg	85	93	155
Shipping Weight	kg	96	104	167

*Norm (EN14511:2005)

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