

# SHP 100

HEAT PUMP FOR D.H.W.

A+



ENERGY  
LABELLING



SHP 100

## PRODUCT PLUS

- 100-litre heat pump for D.H.W.
- Hanging installation
- Compact dimensions 522 mm x 1366 mm
- Storage tank with anti-corrosion double vitrification
- High-efficiency
- Integrated digital regulator
- Contact for intelligent exploitation of photovoltaic energy (automatic set point increase with production consent from PV)
- Anti-legionella function
- Maximum D.H.W. temperature from PDC: 65°C
- Maximum D.H.W. temperature with electrical resistance: 75°C
- Reliable rotary compressor with long service life
- High-efficiency aluminium finned tube evaporator
- Microchannel condenser: the microchannel coil enlarges the heat transfer area, thus improving heat transfer efficiency
- Electronic expansion valve: precisely controls refrigerant flow and reduces energy consumption
- Enamelled inner tank 1.8-2 mm thick strong SPCC with reliable welding enamelling techniques to ensure anti-corrosion and durable use for the inner tank
- Active magnesium anode can provide rust and corrosion protection for the inner tank. To make the inner tank more resistant. An impressed current anode is optional.
- Integrated 1500 W electric heater as backup

SHP		100
ENERGY EFFICIENCY CLASS		
HEATING CAPACITY	W	1400
ABSORBED POWER	W	475
MAX. ABSORBED POWER	W	800
POWER SUPPLY	V/Hz	220-240V / 50Hz
LOAD PROFILE		M
COP <sub>DHW</sub>		2.62
WORK ENVIRONMENT TEMPERATURE	°C	-7 ~ +43
MAX. TEMPERATURES D.H.W. WITH SINGLE PDC	°C	65
TYPE OF REFRIGERANT AND QUANTITY	(g)	R134a (540 g)
ELECTRICAL RESISTANCE POWER	W	1500
MAX D.H.W. TEMPERATURE WITH ELECTRICAL RESISTANCE	°C	75
STORAGE TANK CAPACITY	litres	100
HYDRAULIC CONNECTIONS	mm	DN15
SOUND EMISSIONS	dB(A)	59
DIMENSIONS (LxDxH)	mm	522x548x1366
PACKAGING DIMENSIONS (LxDxH)	mm	570x585x1405
NET WEIGHT	kg	62
WEIGHT WITH PACKAGING	kg	78



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info.bioenergy@schusterboilers.com  
 www.schusterboilers.com |    