

Specifications Triple Solar PVT heat pump 3.5

General Description

The PVT heat pump is designed by Triple Solar specifically for the PVT heat pump panels.

The PVT heat pump is equipped with all the important features to work well in the Northern European climate and operates with a minimum number of required PVT panels.

The state-of -the-art heat pump works on the most climate-friendly natural refrigerant propane. The PVT heat pump can be monitored by the Internet-of-Things (IoT).

The PVT heat pump is lightweight and easy to install.

Model

PVT heat pump 3.5

All-electric heating, cooling and domestic hot water (DHW).

With build-in:

- electric back-up heater
- function for active cooling
- 3-way valve for selection heating or DHW

Optional: monitoring by SIM card



Dimensions

Wide 480 mm

Depth 540 mm

Height 830 mm

Weight 60 kg

Weight* 30 kg

(*without compressor module)

Fittings

Brine	top side	copper 22mm
Heating	bottom side	copper 22mm
DHW	bottom side	copper 22mm

Power and efficiency

B7	- W35	heating	3,500 W	COP 4.7	sound power 41 dB(A)
B0	- W35	heating	3,000 W	COP 4.2	
B0	- W55	DHW	2,600 W	COP 2.9	sound power 43 dB(A)
B-10	- W35	heating	1,900 W	COP 3.5	
		back-up heater	1,500 W		
		total including back-up heater	3,400 W		

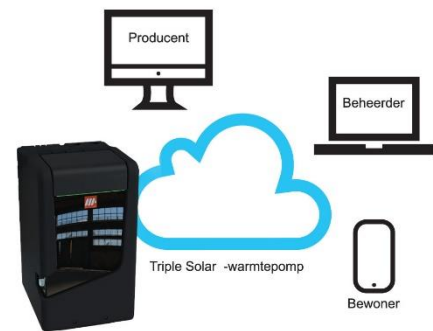
Electrical connection 230 V AC

Refrigerant	propane
GWP value**	3

All-electric model with build-in active cooling mode

Features

Standard	indoor sensor / thermostat (on/off or Open Therm)
Optional	Outdoor sensor
Optional	Open Therm signal
Optional	External signal



The monitoring allows the user, the administrator or the service organization to verify if the heat pump is working properly and whether its performance is satisfactory.
(**optional)

The Triple Solar hot water tanks are made of stainless steel and are maintenance free. Isolation class A.

Dimensions	height	diameter	weight (empty)
TS tank 120 liter	994 mm	595 mm	27 kg
TS tank 200 liter	1,487 mm	595 mm	41 kg
Ts tank 300 liter	1,804 mm	675 mm	61 kg

triple solar
heat pump panels