

Vanvex R

Data sheet

Product description

Vanvex R is a domestic hot water heat pump with an integrated 285 liter hot water boiler, extract air fan, heat pump and electrical connection.

With its modern design and practical pipe connections the Vanvex R is easy to install, for instance in the basement, in the installations room or in the utility room.

With its 285 liter boiler Vanvex R is able to meet the demand of a family for hot water.

Suitability

The Vanvex R is a very energy saving domestic hot water heat pump, which uses the energy of the extract air to heat up the domestic hot water.

The heat pump heats the domestic water in a very energy efficient way with an actual efficiency (COP) of 2.72 at an extract air temperature of 7°C and heating the water from 10°C to 52.5°C and a circulated air volume of 250 m³/h.

Hot water temperature with heat pump alone, max.: 55°C.

Hot water temperature with heat pump + electric cartridge, max.: 65°C.

Capacity

The heat pump can produce approx. 367 l of hot water within 11.5 hours at a temperature of 52.5°C. The capacity is dependent on the extract air temperature, the supply temperature of the cold water and the drawing pattern.

It is possible to connect a 1.5 kW electric heating cartridge at peak loads to provide hot water again quickly. When the desired temperature has been reached, the electric cartridge can be switched off.

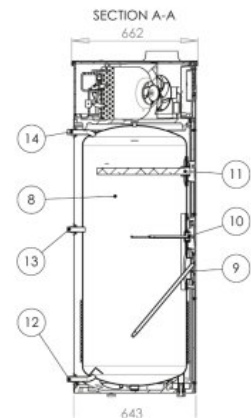
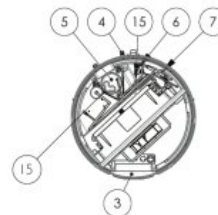
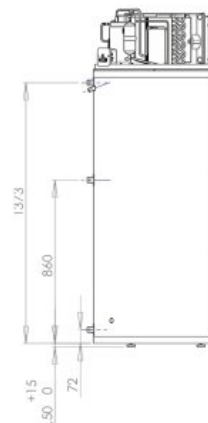
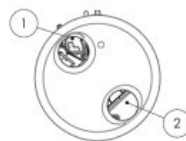
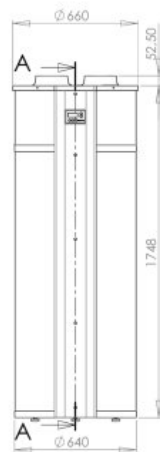
The energy consumption of a Vanvex R is 28 % of the consumption using an electric water heater.



Dimensions

Dimensions in mm:

01. Extract air
02. Exhaust air
03. Circuit board
04. Condensation drain
05. Compressor
06. Magnetic valve
07. Back pressure valve
08. 285 liter boiler
09. Service connecting
10. 1.5 kW electric cartridge
11. Anode
12. Cold water connecting 3/4" RG
13. Hot water circulation 3/4" RG
14. Hot water connecting 3/4" RG
15. High pressure switch



 **Genvex**[®]

