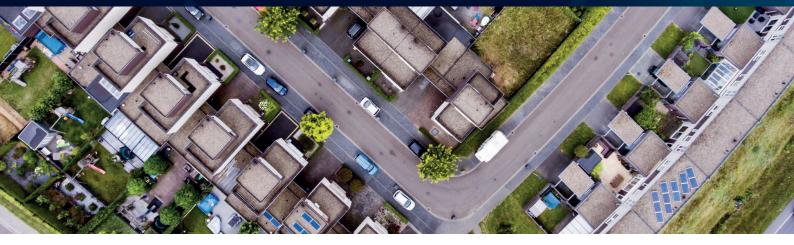


Qbooster Technical specifications



The world's first PVT heat pump

The Qbooster PVT heat pump has been specially developed for Qpanel PVT panels. The Qbooster heat pump ensures that your house and the shower/bath water reaches the right temperature. An icy winter day? The heat pump 'boosts' the energy of the Qpanel PVT system to comfortable temperatures with a very high efficiency. Still a cold source? A built-in electrical element helps to ensure comfort.

Online insight

The Qbooster features the latest control technology with powerful performance. The Qbooster runs completely to your comfort needs. It is even possible to remotely adjust the home temperature or view the status of the system, anywhere in the world.



The Qbooster is one of the smallest and quietest heat pumps in the world. As a result, the Qbooster can be placed in many places, such as in the knee bulkhead under the sloping roof or in the stair cupboard. Many components such as expansion vessels, valves and pumps are already built into the Qbooster. This makes the unit and installation more aesthetic, shortens installation time and simplifies installation.





Compact

The Qbooster is compact and fits everywhere in your home.

Silent source

The Qbooster does not cause any noise nuisance outside.

Smart Equipped with the latest controltechnology with powerfulperformance.

Cooling

In addition to heating, the Qbooster has also active cooling functionality.

Pushing sustainability forward



Qbooster Technical specifications

Algemeen

Dimensions (hxbxd)
Weight
Weight excl. built-in expansion
vessels and front cover
Power range B0/W35
Energy class VL 35°C
Energy class VL 55°C

Electric

Internal degree of protection Power supply Qbooster

Compressor starting current Built-in electrical backup

Source (PVT) circuit

Source pump - Type Expansion vessel Mixer - Type Medium 700x600x775 mm 69 kg 50 kg

2-6 kW A+++ A++

IP20 3×230V, 16A secured 12A 5,8 kW

PWM 8m 12L/1 Bar ESBE 24Vdc 0-10V Qfluid

Cooling circuit

Compressor - Type Refrigerant - Type Refrigerant - Capacity Refrigerant - Fluid group Refrigerant - GWP Compessor - Oil type Compressor - Oil volume

Heating circuit

Condensor - Flow (5K) Condensor - Pressure drop Circulation pump - Type Expansion vessel

Sound level data

Nominal noise wp B0/W55 EN12102 Rotary R410a 2 kg 2 2088 FV50S 0,40 liter

1,1 m³/h 9,9 kPa PWM 8m 12L/1 Bar

Lwa 40,8 dB(A)

