



## 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.

## Easy Placement

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 control technology with powerful performance.



### Cooling

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

### Algemeen

Dimensions (hxbxd)	700x600x775 mm
Weight	69 kg
Weight excl. built-in expansion vessels and front cover	50 kg
Power range B0/W35	2-6 kW
Energy class VL 35°C	A+++
Energy class VL 55°C	A++

### Electric

Internal degree of protection	IP20
Power supply Qbooster	3x230V, 16A secured
Compressor starting current	12A
Built-in electrical backup	5,8 kW

### Source (PVT) circuit

Source pump - Type	PWM 8m
Expansion vessel	12L/1 Bar
Mixer - Type	ESBE 24Vdc 0-10V
Medium	QFluid

### Cooling circuit

Compressor - Type	Rotary
Refrigerant - Type	R410a
Refrigerant - Capacity	2 kg
Refrigerant - Fluid group	2
Refrigerant - GWP	2088
Compressor - Oil type	FV50S
Compressor - Oil volume	0,40 liter

### Heating circuit

Condensor - Flow (5K)	1,1 m <sup>3</sup> /h
Condensor - Pressure drop	9,9 kPa
Circulation pump - Type	PWM 8m
Expansion vessel	12L/1 Bar

### Sound level data

Nominal noise wp	Lwa 40,8 dB(A)
B0/W55 EN12102	

