

WPE-I 59 H 400 Premium

BRINE-WATER HEAT PUMPS

PRODUCT-NO.: 201414

The WPE-I 59 H 400 Premium heat pump provides not only heat, but also DHW convenience. The cascade control can supply both apartment buildings and commercial properties. With its inverter technology, the appliance is exceptionally versatile, and can even be conveniently operated via an app (optional accessory required).

Quiet operation with long service life.

The robust design of the WPE-I 59 H 400 Premium makes it highly reliable, and able to consistently meet the most demanding of output requirements. Despite this, the appliance offers low-noise operation. The practical colour touchscreen facilitates operation.

Efficient DHW generation using hot gas technology.

The hot gas technology allows DHW to be generated during normal heat pump operation – through the use of an auxiliary heat exchanger. The standard equipment configuration provides hot water temperatures efficiently, and at low cost.



The main features

Inverter technology: Precisely matched to building heat demand

Cascade control for powerful heating output

Outstanding DHW convenience

Hot gas technology as standard

Extremely quiet operation



Type	WPE-I 33 H 400 Premium	WPE-I 44 H 400 Premium	WPE-I 59 H 400 Premium
Part no.	201412	201413	201414
Output at B0/W35 (EN 14511)	20,18 kW	26,71 kW	35,60 kW
Heating output at B0/W35 (min/max)	10 - 33 kW	11 - 44 kW	14 - 59 kW
Coefficient of performance at B0/W35 (EN 14511)	4,73	4,60	4,50

Technical data

Energy efficiency class, heat pump W35	A+++	A+++	A+++
Energy efficiency class, W55 heat pump	A+++	A+++	A+++
SCOP (EN 14825)	5,55	5,65	5,19
Max. heating flow temperature	65 °C	65 °C	65 °C
Max. application limit on the heating side	65 °C	65 °C	65 °C
Sound power level (EN 12102)	41-56 dB(A)	41-56 dB(A)	46-61 dB(A)
Rated compressor voltage	400 V	400 V	400 V
Connection on the heating system side	{35 mm}	{35 mm}	{42 mm}
Connection on the heat source side	{42 mm}	{42 mm}	{54 mm}
Hot gas connection	28,00 mm	28,00 mm	28,00 mm
Height	1,723 mm	1,723 mm	1,742 mm
Width	692 mm	692 mm	900 mm
Depth	803 mm	803 mm	848 mm
Weight	300 kg	300 kg	430 kg



Type	WPE-I 87 H 400 Premium
Part no.	201415
Output at B0/W35 (EN 14511)	52,00 kW
Heating output at B0/W35 (min/max)	21 - 87 kW
Coefficient of performance at B0/W35 (EN 14511)	4,71

Technical data

Energy efficiency class, heat pump W35	A+++
Energy efficiency class, W55 heat pump	A+++
SCOP (EN 14825)	5,17
Max. heating flow temperature	65 °C
Max. application limit on the heating side	65 °C
Sound power level (EN 12102)	46-63 dB(A)
Rated compressor voltage	400 V
Connection on the heating system side	{42 mm}
Connection on the heat source side	{54 mm}
Hot gas connection	28,00 mm
Height	1,742 mm
Width	900 mm
Depth	848 mm
Weight	550 kg

Contact information

You have questions? We appreciate to help you:

Call **+49 5531 - 7020**

Write an email to **info@stiebel-eltron.com**

Installation information

Please ask your local power supply utility or a registered electrician to install appliances that are not fully wired, i.e. ready to plug in. The electrician should also be able to assist you with obtaining the agreement of the respective power supply utility required for the appliance installation.