

WPC 13 cool

BRINE | WATER HEAT PUMPS

PRODUCT-NO.: 232935

The WPC cool brine/water heat pump is one of the most efficient heat pumps on the market. Its new design sets new standards, on the aesthetic as well as the technical front. Thanks to the appliance's compact dimensions and split design, it is easy to install even where space is tight. As the 200 l DHW cylinder with internal indirect coil is already integrated, maximum heating convenience can be delivered on a minimal footprint. Space required is further reduced by the integration of the highly efficient circulation pumps and the WPM 3 heat pump manager for convenient control. The WPC cool is also highly efficient when ensuring a pleasant indoor climate, even during the hotter months. It draws its energy for heating or cooling straight from the ground.



The main features

13.21 kW heating output at B0/W35

Compact appliance with heating, cooling and DHW heating functions

Increased efficiency through integral HE circulation pumps

Particularly convenient to install, as the refrigerant circuit and cylinder module can be removed for handling

With WPM 3 heat pump manager for convenient operation

Can be controlled via a home network

Exemplary efficiency for low energy costs

Space saving thanks to compact, highly integrated solution

Can achieve a heating flow temperature of up to + 65 °C



Type	WPC 04 cool	WPC 05 cool	WPC 07 cool
Part no.	232931	232932	232933
Output at B0/W35 (EN 14511)	4,77 kW	5,82 kW	7,50 kW
Coefficient of performance at B0/W35 (EN 14511)	4,50	4,80	4,84

Technical data

Energy efficiency class, heat pump W35	A++	A++	A++
Energy efficiency class, W55 heat pump	A++	A++	A++
Energy efficiency class, composite system (heat pump + controller) W35	A+++	A+++	A+++
Energy efficiency class, composite system (heat pump + controller) W55	A++	A++	A++
Energy efficiency class, DHW heating, load profile L	A	A	A
SCOP (EN 14825)	4,925	5,325	5,325
Cooling capacity at B15/W23	3,0 kW	3,8 kW	5,2 kW
Max. application limit on the heating side	65 °C	65 °C	65 °C
Flow rate, heat source side	1,15 m ³ /h	1,41 m ³ /h	1,82 m ³ /h
Sound power level (EN 12102)	43 dB(A)	43 dB(A)	44 dB(A)
Sound pressure level at a distance of 1 m	32 dB(A)	32 dB(A)	33 dB(A)
Rated compressor voltage	400 V	400 V	400 V
Rated voltage, emergency/booster heater	400 V	400 V	400 V
Rated control voltage	230 V	230 V	230 V
Surface, indirect coil	2,1 m ²	2,1 m ²	2,1 m ²
Rated capacity	175 l	175 l	175 l
Height	1917 mm	1917 mm	1917 mm
Width	600 mm	600 mm	600 mm
Depth	703 mm	703 mm	703 mm

Weight

248 kg

251 kg

264 kg



Type	WPC 10 cool	WPC 13 cool
Part no.	232934	232935
Output at B0/W35 (EN 14511)	10,31 kW	13,21 kW
Coefficient of performance at B0/W35 (EN 14511)	5,02	4,82

Technical data

Energy efficiency class, heat pump W35	A++	A++
Energy efficiency class, W55 heat pump	A++	A++
Energy efficiency class, composite system (heat pump + controller) W35	A+++	A+++
Energy efficiency class, composite system (heat pump + controller) W55	A++	A++
Energy efficiency class, DHW heating, load profile L	A	A
SCOP (EN 14825)	5,6	5,275
Cooling capacity at B15/W23	6,0 kW	8,5 kW
Max. application limit on the heating side	65 °C	65 °C
Flow rate, heat source side	2,61 m ³ /h	3,22 m ³ /h
Sound power level (EN 12102)	48 dB(A)	50 dB(A)
Sound pressure level at a distance of 1 m	37 dB(A)	39 dB(A)
Rated compressor voltage	400 V	400 V
Rated voltage, emergency/booster heater	400 V	400 V
Rated control voltage	230 V	230 V
Surface, indirect coil	3,6 m ²	3,6 m ²
Rated capacity	162 l	162 l
Height	1917 mm	1917 mm
Width	600 mm	600 mm
Depth	703 mm	703 mm

Weight

283 kg

288 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.