

WPC 10 S

BRINE | WATER HEAT PUMPS

PRODUCT-NO.: 232939

Compact brine | water heat pump for indoor installation. An internal 200 litre DHW cylinder with internal indirect coil makes this heat pump particularly suitable for areas where space is at a premium. The integral WPM 3i heat pump manager enables fully automatic weather-compensated control of the heating system. The integral heat and electricity metering uses data from the refrigerant circuit, and values can be called up via the manager. High efficiency circulation pumps for the brine and heating side, as well as a multi stage booster heater for mono mode operation and pasteurisation are integrated in the appliance. To minimise the transfer of structure-borne sound to the building, the refrigerant circuit is mounted on an anti-vibration mounting plate. Pressure hoses for connection on the heating and heat source side are part of the standard delivery. The heat pump drive unit is equipped with a hermetically sealed compressor, soft starter and heat exchangers with optimised heat transfer for improved efficiency. The heat pump casing is made from robust, galvanised, powder-coated and stove-enamelled sheet steel, combined with an aluminium designer fascia. To make handling the heat pump easier, the refrigerant circuit can be separated from the cylinder module with little effort. Handles are provided, as well as lifting eyes for handling by hoist. As an option, the heat pump can be switched via a home network or the internet using a PC or mobile end device (requires additional accessories).



The main features

Integral DHW cylinder for mixed water volumes from 240 litres at 40 °C

Ideal heat pump for detached houses

Thermal insulation with low thermal losses

Easier handling through split design and handles

Little space required due to the compact design and reduced installed height



Type	WPC 05 S	WPC 07 S	WPC 10 S
Part no.	232937	232938	232939
Output at B0/W35 (EN 14511)	5,88 kW	7,61 kW	10,31 kW
Coefficient of performance at B0/W35 (EN 14511)	4,78	4,75	4,76

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)	5,225	5,30	5,20
Max. application limit on the heating side	65 °C	65 °C	65 °C
Flow rate, heat source side	1,45 m ³ /h	1,76 m ³ /h	2,54 m ³ /h
Sound power level (EN 12102)	47 dB(A)	54 dB(A)	54 dB(A)
Sound power level W35 (EN 12102)	45,00 dB(A)	50,00 dB(A)	51,00 dB(A)
Sound power level W55 (EN 12102)	47,00 dB(A)	52,00 dB(A)	53,00 dB(A)
Sound pressure level at a distance of 1 m	36 dB(A)	43 dB(A)	43 dB(A)
Rated compressor voltage	230 V	230 V	230 V
Rated voltage, emergency/booster heater	230 V	230 V	230 V
Rated control voltage	230 V	230 V	230 V
Starting current	31 A	30 A	41 A
Surface, indirect coil	2,10 m ²	2,10 m ²	3,60 m ²
Rated capacity	175 l	175 l	162 l
Height	1917 mm	1917 mm	1917 mm

Width	600 mm	600 mm	600 mm
Depth	703 mm	703 mm	703 mm
Weight	246 kg	259 kg	277 kg



Type	WPC 13 S
Part no.	232940
Output at B0/W35 (EN 14511)	13,01 kW
Coefficient of performance at B0/W35 (EN 14511)	4,75
Technical data	
Energy efficiency class, heat pump W35	A++
Energy efficiency class, W55 heat pump	A++
Energy efficiency class, composite system (heat pump + controller) W35	A++
Energy efficiency class, composite system (heat pump + controller) W55	A++
Energy efficiency class, DHW heating, load profile L	A
SCOP (EN 14825)	5,175
Max. application limit on the heating side	65 °C
Flow rate, heat source side	3,13 m ³ /h
Sound power level (EN 12102)	54 dB(A)
Sound power level W35 (EN 12102)	52,00 dB(A)
Sound power level W55 (EN 12102)	54,00 dB(A)
Sound pressure level at a distance of 1 m	43 dB(A)
Rated compressor voltage	230 V
Rated voltage, emergency/booster heater	230 V
Rated control voltage	230 V
Starting current	34 A
Surface, indirect coil	3,60 m ²
Rated capacity	162 l
Height	1917 mm

Width	600 mm
Depth	703 mm
Weight	283 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.