

# WPF 16 basic

BRINE | WATER HEAT PUMPS

PRODUCT-NO.: 230948

The WPF heat pump is a powerful energy provider for DHW and central heating. With its integral heating control unit, circulation pump, safety valve and integral heating cartridge, this unit is virtually ready for a basement installation. The heat pump also adapts very well to cramped conditions. Thanks to its compact design, the WPF is just as efficient in its use of space as it is in its use of energy. The striking design also draws attention to the special qualities of this powerful heat pump.



## The main features

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16.64 kW heating output at B0/W35

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Integral heat pump control unit

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Heating flow temperature up to 60 °C

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Extremely quiet operation



Type	WPF 5 S basic	WPF 7 S basic	WPF 10 S basic
Part no.	074425	074426	220819
Output at B0/W35 (EN 14511)	5,80 kW	7,80 kW	9,90 kW
Coefficient of performance at B0/W35 (EN 14511)	4,30	4,40	4,50

### 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+
SCOP (EN 14825)	4,775	4,875	5,10
Flow rate, heat source side	1,4 m <sup>3</sup> /h	1,9 m <sup>3</sup> /h	2,2 m <sup>3</sup> /h
Sound power level (EN 12102)	46 dB(A)	47 dB(A)	51 dB(A)
Sound power level W35 (EN 12102)			
Sound power level W55 (EN 12102)			
Sound pressure level at a distance of 1 m	35 dB(A)	36 dB(A)	40 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
Height	960 mm	960 mm	960 mm
Width	510 mm	510 mm	510 mm
Depth	680 mm	680 mm	680 mm
Weight	107 kg	113 kg	120 kg



Type	WPF 5 basic	WPF 7 basic	WPF 10 basic
Part no.	230944	230945	230946
Output at B0/W35 (EN 14511)	5,88 kW	7,64 kW	9,7 kW
Coefficient of performance at B0/W35 (EN 14511)	4,33	4,50	4,37

### 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+
SCOP (EN 14825)	4,825	5,00	4,95
Flow rate, heat source side	1,4 m <sup>3</sup> /h	1,9 m <sup>3</sup> /h	2,2 m <sup>3</sup> /h
Sound power level (EN 12102)	46 dB(A)	47 dB(A)	51 dB(A)
Sound power level W35 (EN 12102)	46,00 dB(A)	47,00 dB(A)	51,00 dB(A)
Sound power level W55 (EN 12102)	54,00 dB(A)	55,00 dB(A)	58,00 dB(A)
Sound pressure level at a distance of 1 m	35 dB(A)	36 dB(A)	40 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
Height	960 mm	960 mm	960 mm
Width	510 mm	510 mm	510 mm
Depth	680 mm	680 mm	680 mm
Weight	107 kg	113 kg	120 kg



Type	WPF 13 basic	WPF 16 basic
Part no.	230947	230948
Output at B0/W35 (EN 14511)	12,59 kW	16,64 kW
Coefficient of performance at B0/W35 (EN 14511)	4,42	4,16

#### 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+
SCOP (EN 14825)	4,925	4,625
Flow rate, heat source side	3,1 m <sup>3</sup> /h	3,8 m <sup>3</sup> /h
Sound power level (EN 12102)	53 dB(A)	53 dB(A)
Sound power level W35 (EN 12102)	53,00 dB(A)	53,00 dB(A)
Sound power level W55 (EN 12102)	60,00 dB(A)	65,00 dB(A)
Sound pressure level at a distance of 1 m	42 dB(A)	42 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
Height	960 mm	960 mm
Width	510 mm	510 mm
Depth	680 mm	680 mm
Weight	128 kg	131 kg

Short term (max. 30 min) HS temperature up to 40 °C permissible.

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**Contact information**

You have questions? We appreciate to help you:

Call **+49 5531 - 7020**

Write an email to **[info@stiebel-eltron.com](mailto: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.