

WPF 7 MS

BRINE | WATER HEAT PUMPS

PRODUCT-NO.: 222553

The modular WPF range is a brine/water heat pump system that is capable of delivering renewable energy to buildings on a much larger scale. The combination of up to six heat pumps means that the system can deliver a combined output of up to 100 kW. That makes it perfect for heating larger buildings or apartments for example. The system meters out its heating output via up to two controllers, making the system control very easy indeed. The modules can be matched, stage-by-stage, to your individual requirements, to deliver an energy supply solution for DHW and central heating which is tailor-made under ecological and economical aspects.



The main features

Three output sizes

Heating flow temperature up to 60 °C

Extremely quiet operation

Suitable for cascade control for a higher output requirements



Type	WPF 10 M	WPF 13 M	WPF 16 M
Part no.	185349	182135	220894
Output at B0/W35 (EN 14511)	10,02 kW	12,98 kW	16,99 kW
Coefficient of performance at B0/W35 (EN 14511)	4,49	4,57	4,35

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)	5,075	5,125	4,875
Flow rate, heat source side	2,2 m ³ /h	3,1 m ³ /h	3,8 m ³ /h
Sound power level (EN 12102)	51 dB(A)	51 dB(A)	51 dB(A)
Sound pressure level at a distance of 1 m	40 dB(A)	40 dB(A)	45 dB(A)
Rated compressor voltage	400 V	400 V	400 V
Height	960 mm	960 mm	960 mm
Width	510 mm	510 mm	510 mm
Depth	680 mm	680 mm	680 mm
Weight	112 kg	120 kg	125 kg



Type	WPF 7 MS	WPF 10 MS
Part no.	222553	222552
Output at B0/W35 (EN 14511)	7,80 kW	9,90 kW
Coefficient of performance at B0/W35 (EN 14511)	4,40	4,50

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)	4,88	5,05
Flow rate, heat source side	1,9 m ³ /h	2,2 m ³ /h
Sound power level (EN 12102)	47 dB(A)	51 dB(A)
Sound pressure level at a distance of 1 m	36 dB(A)	40 dB(A)
Rated compressor voltage	230 V	230 V
Height	971 mm	960 mm
Width	510 mm	510 mm
Depth	640 mm	640 mm
Weight	107 kg	120,5 kg

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

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.