

# GSHP 8kW / 175 Compact Pack

GROUND SOURCE HEAT PUMPS

PRODUCT-NO.: 204401

## The main features

Mono mode operation possible for heating and DHW thanks to higher flow temperatures

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Inverter technology allows ideally matched heating output through the variable speed compressor

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Easy and time saving installation, due to high level of integration and inclusion of accessories

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Easy to transport as the refrigerant circuit and cylinder module can be separated from one another and are fitted with integral carrying handles

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Buffer cylinder to separate the flows for maximum operational reliability



**GSHP 12kW / 162  
Compact Pack**

Product-No.: 204403



**GSHP 15kW / 162  
Compact Pack**

Product-No.: 204408

## Set-Components 1



Type	SBP 100 classic	SBP 100 classic	SBP 100 classic
Product set	GSHP 8kW / 175 Compact Pack	GSHP 12kW / 162 Compact Pack	GSHP 15kW / 162 Compact Pack

## Technical data

Energy efficiency class	C	C	C
Standby energy consumption/24 h at 65 °C	1.20 kWh	1.20 kWh	1.20 kWh
Nominal capacity	100 l	100 l	100 l
Height	877 mm	877 mm	877 mm
Diameter	510 mm	510 mm	510 mm
Height when tilted	968 mm	968 mm	968 mm
Weight	21 kg	21 kg	21 kg

## Set-Components 2



Type	WPKI-HKM 230 DN 25	WPKI-HKM 230 DN 25	WPKI-HKM 230 DN 25
Product set	GSHP 8kW / 175 Compact Pack	GSHP 12kW / 162 Compact Pack	GSHP 15kW / 162 Compact Pack

## Technical data

Connection, above	G 1	G 1	G 1
Connection, below	G 1 1/2 A	G 1 1/2 A	G 1 1/2 A
Circulation pump type	Wilo Para SC 25/6-43	Wilo Para SC 25/6-43	Wilo Para SC 25/6-43
Height	383 mm	383 mm	383 mm
Width	250 mm	250 mm	250 mm
Depth	245 mm	245 mm	245 mm
Energy Efficiency Index EEI	0.20	0.20	0.20
Delivery head	6.00 m	6.00 m	6.00 m
Max. flow rate	5.70 m <sup>3</sup> /h	5.70 m <sup>3</sup> /h	5.70 m <sup>3</sup> /h

## Set-Components 3



Type	WPE-I 08 HW 230 GB Premium	WPE-I 12 HW 230 GB Premium	WPE-I 15 HW 230 GB Premium
Product set	GSHP 8kW / 175 Compact Pack	GSHP 12kW / 162 Compact Pack	GSHP 15kW / 162 Compact Pack

## Technical data

Energy efficiency class, heat pump W35	A+++	A+++	A+++
Energy efficiency class, heat pump W55	A+++	A+++	A+++
SCOP 35 °C (EN 14825)	5.12	5.59	5.44
Energy efficiency class, DHW heating with load profile XL	A	A	A
Heating output at B0/W35 (EN 14511)	2,78 kW	4,19 kW	5,18 kW
Heating output at B0/W35 (min./max.)	1,0-7,6 kW	2,1-12,7 kW	2,1 - 14,8 kW
Cylinder volume V	175 l	162 l	162 l
Nominal capacity	175 l	162 l	162 l
Surface area, heat exchanger	2.10 m <sup>2</sup>	3.50 m <sup>2</sup>	3.50 m <sup>2</sup>
COP at B0/W35 (EN 14511)	4.67	5.01	4.86
Sound power level (EN 12102)	43-48 dB(A)	43-49 dB(A)	43 - 49 dB(A)
Height	1937 mm	1937 mm	1937 mm
Width	600 mm	600 mm	600 mm
Depth	703 mm	703 mm	703 mm
Weight	265 kg	275 kg	275 kg
Rated voltage, compressor	230 V	230 V	230 V
Rated voltage, emergency/auxiliary heater	230 V	230 V	230 V
Refrigerant	R454C	R454C	R454C



Set-Components **4**



Type

Type	WPSF	WPSF	WPSF
Product set	GSHP 8kW / 175 Compact Pack	GSHP 12kW / 162 Compact Pack	GSHP 15kW / 162 Compact Pack

Technical data

Connection, heat source side	G 1 1/4 A	G 1 1/4 A	G 1 1/4 A
Safety valve response pressure	0.30 MPa	0.30 MPa	0.30 MPa
Max. application limit, heat source	40 °C	40 °C	40 °C
Min. application limit, heat source	-5 °C	-5 °C	-5 °C
Max. operating pressure	0.60 MPa	0.60 MPa	0.60 MPa

Set-Components **5**



Type

FS-WP 22

FS-WP 22

FS-WP 22

Product set

GSHP 8kW / 175  
Compact Pack

GSHP 12kW / 162  
Compact Pack

GSHP 15kW / 162  
Compact Pack

Technical data

Connection

G 1 A / Cu 22 x 1

G 1 A / Cu 22 x 1

G 1 A / Cu 22 x 1

Set-Components **6**



Type	FET	FET	FET
Product set	GSHP 8kW / 175 Compact Pack	GSHP 12kW / 162 Compact Pack	GSHP 15kW / 162 Compact Pack

Technical data

Width	145 mm	145 mm	145 mm
Height	96 mm	96 mm	96 mm
Depth	31 mm	31 mm	31 mm



Set-Components **7**



Type	ISG web	ISG web	ISG web
Product set	GSHP 8kW / 175 Compact Pack	GSHP 12kW / 162 Compact Pack	GSHP 15kW / 162 Compact Pack

Technical data

Version	Wall mounting	Wall mounting	Wall mounting
10/100 Ethernet	RJ45	RJ45	RJ45
CAN	RJ45	RJ45	RJ45
RS232	RJ12	RJ12	RJ12
Width	158 mm	158 mm	158 mm
Height	95 mm	95 mm	95 mm
Depth	37 mm	37 mm	37 mm
Min./max. application range	0 / 60 °C	0 / 60 °C	0 / 60 °C

## **Contact information**

Do you have additional questions? Then please do not hesitate to contact us, we would be only too happy to help:

Call 0151 436 96

Or send an e-mail to

[sales@stiebel-eltron.ie](mailto:sales@stiebel-eltron.ie)

Only a qualified contractor should carry out the installation, commissioning, maintenance and repair of this appliance. Where applicable and prior to installation the electricity and/or water utility companies should be notified of your intention to install the product.