

WPE-I 04 HW 230 GB Premium Pack

GROUND SOURCE HEAT PUMPS

PRODUCT-NO.: 204400

The main features

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

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

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

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

Buffer cylinder to separate the flows for maximum operational reliability



WPE-I 06 HW 230 GB Premium Pack

Product-No.: 204406



WPE-I 08 HW 230 GB Premium Pack

Product-No.: 204401



WPE-I 12 HW 230 GB Premium Pack

Product-No.: 204403



WPE-I 15 HW 230 GB Premium Pack

Product-No.: 204408

Set-Components 1



Type	SBP 100 Plus	SBP 100 Plus	SBP 100 Plus
Product set	WPE-I 04 HW 230 GB Premium Pack	WPE-I 06 HW 230 GB Premium Pack	WPE-I 08 HW 230 GB Premium Pack

Technical data

Energy efficiency class	C	C	C
Standby energy consumption/24 h at 65 °C	1.50 kWh	1.50 kWh	1.50 kWh
Nominal capacity	100 l	100 l	100 l
Height	750 mm	750 mm	750 mm
Diameter	542 mm	542 mm	542 mm
Weight	140 kg	140 kg	140 kg

Set-Components 1



Type	SBP 100 Plus	SBP 100 Plus
Product set	WPE-I 12 HW 230 GB Premium Pack	WPE-I 15 HW 230 GB Premium Pack

Technical data

Energy efficiency class	C	C
Standby energy consumption/24 h at 65 °C	1.50 kWh	1.50 kWh
Nominal capacity	100 l	100 l
Height	750 mm	750 mm
Diameter	542 mm	542 mm
Weight	140 kg	140 kg

Set-Components 2



Type	WPE-I 04 HW 230 GB Premium	WPE-I 06 HW 230 GB Premium	WPE-I 08 HW 230 GB Premium
Product set	WPE-I 04 HW 230 GB Premium Pack	WPE-I 06 HW 230 GB Premium Pack	WPE-I 08 HW 230 GB Premium Pack

Technical data

Energy efficiency class, heat pump W35	A+++	A+++	A+++
Energy efficiency class, heat pump W55	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 with load profile XL	A	A	A
Heating output at B0/W35 (EN 14511)	1,96 kW	2,37 kW	2,78 kW
Heating output at B0/W35 (min./max.)	1,0-4,2 kW	1,0-6,6 kW	1,0-7,6 kW
Cylinder volume V	175 l	175 l	175 l
Nominal capacity	175 l	175 l	175 l
Surface area, heat exchanger	2.10 m ²	2.10 m ²	2.10 m ²
COP at B0/W35 (EN 14511)	4.60	4.60	4.67
SCOP 35 °C (EN 14825)	5.07	5.20	5.12
Sound power level (EN 12102)	43-46 dB(A)	43-48 dB(A)	43-48 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	265 kg	265 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 2



Type	WPE-I 12 HW 230 GB Premium	WPE-I 15 HW 230 GB Premium
Product set	WPE-I 12 HW 230 GB Premium Pack	WPE-I 15 HW 230 GB Premium Pack

Technical data

Energy efficiency class, heat pump W35	A+++	A+++
Energy efficiency class, heat pump W55	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 with load profile XL	A	A
Heating output at B0/W35 (EN 14511)	4,19 kW	5,18 kW
Heating output at B0/W35 (min./max.)	2,1-12,7 kW	2,1 - 14,8 kW
Cylinder volume V	162 l	162 l
Nominal capacity	162 l	162 l
Surface area, heat exchanger	3.50 m ²	3.50 m ²
COP at B0/W35 (EN 14511)	5.01	4.86
SCOP 35 °C (EN 14825)	5.59	5.44
Sound power level (EN 12102)	43-49 dB(A)	43 - 49 dB(A)
Height	1937 mm	1937 mm
Width	600 mm	600 mm
Depth	703 mm	703 mm
Weight	275 kg	275 kg

Rated voltage, compressor	230 V	230 V
Rated voltage, emergency/auxiliary heater	230 V	230 V
Refrigerant	R454C	R454C

Set-Components **3**



Type

WPSF

WPSF

WPSF

Product set

WPE-I 04 HW 230
GB Premium Pack

WPE-I 06 HW 230
GB Premium Pack

WPE-I 08 HW 230
GB Premium 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 **3**



Type

WPSF

WPSF

Product set

WPE-I 12 HW 230
GB Premium Pack

WPE-I 15 HW 230
GB Premium Pack

Technical data

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

Set-Components **4**



Type

FS-WP 22

FS-WP 22

FS-WP 22

Product set

WPE-I 04 HW 230
GB Premium Pack

WPE-I 06 HW 230
GB Premium Pack

WPE-I 08 HW 230
GB Premium Pack

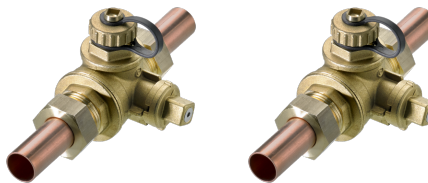
Technical data

Connection

G 1 A / Cu 22 x 1

G 1 A / Cu 22 x 1

G 1 A / Cu 22 x 1

Set-Components **4**

Type

FS-WP 22

FS-WP 22

Product setWPE-I 12 HW 230
GB Premium PackWPE-I 15 HW 230
GB Premium Pack

Technical data

Connection

G 1 A / Cu 22 x 1

G 1 A / Cu 22 x 1

Set-Components **5**



Type	FET	FET	FET
Product set	WPE-I 04 HW 230 GB Premium Pack	WPE-I 06 HW 230 GB Premium Pack	WPE-I 08 HW 230 GB Premium 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 **5**



Type	FET	FET
Product set	WPE-I 12 HW 230 GB Premium Pack	WPE-I 15 HW 230 GB Premium Pack

Technical data

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

Set-Components **6**



Type	ISG web	ISG web	ISG web
Product set	WPE-I 04 HW 230 GB Premium Pack	WPE-I 06 HW 230 GB Premium Pack	WPE-I 08 HW 230 GB Premium 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

Set-Components **6**



Type	ISG web	ISG web
Product set	WPE-I 12 HW 230 GB Premium Pack	WPE-I 15 HW 230 GB Premium Pack

Technical data

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

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.