

WPE-I 08 HK 230 Premium Pack

GROUND SOURCE HEAT PUMPS

PRODUCT-NO.: 204402

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

Buffer cylinder to separate the flows for maximum operational reliability

Separate DHW cylinder for a high level of hot water convenience

Integral passive cooling



**WPE-I 04 HK 230
Premium Pack**

Product-No.: 204399



**WPE-I 06 HK 230
Premium Pack**

Product-No.: 204405



**WPE-I 12 HK 230
Premium Pack**

Product-No.: 204407



**WPE-I 15 HK 230
Premium Pack**

Product-No.: 204404

Set-Components 1



| Type | SBP 100 Plus | SBP 100 Plus | SBP 100 Plus |
|-------------|------------------------------|------------------------------|------------------------------|
| Product set | WPE-I 04 HK 230 Premium Pack | WPE-I 06 HK 230 Premium Pack | WPE-I 08 HK 230 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 HK 230 Premium Pack | WPE-I 15 HK 230 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 HK 230 Premium | WPE-I 06 HK 230 Premium | WPE-I 08 HK 230 Premium |
|-------------|---------------------------------|---------------------------------|---------------------------------|
| Product set | WPE-I 04 HK 230 Premium Pack | WPE-I 06 HK 230 Premium Pack | WPE-I 08 HK 230 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+++ |
| 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 |
| 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) | 38-40 dB(A) | 38-43 dB(A) | 38-45 dB(A) |
| Max. application limit on the heating side | 75 °C | 75 °C | 75 °C |
| Height | 1369 mm | 1369 mm | 1369 mm |
| Width | 598 mm | 598 mm | 598 mm |
| Depth | 658 mm | 658 mm | 658 mm |
| Weight | 180 kg | 180 kg | 180 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 |

| | | | |
|------------------------------|--------------------------|--------------------------|--------------------------|
| Connection, heating side | 28 mm | 28 mm | 28 mm |
| Connection, heat source side | 28 mm plug-in connection | 28 mm plug-in connection | 28 mm plug-in connection |

Set-Components 2



| Type | WPE-I 12 HK 230 Premium | WPE-I 15 HK 230 Premium |
|-------------|---------------------------------|---------------------------------|
| Product set | WPE-I 12 HK 230 Premium Pack | WPE-I 15 HK 230 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+++ |
| 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 |
| COP at B0/W35 (EN 14511) | 5.01 | 4.86 |
| SCOP 35 °C (EN 14825) | 5.59 | 5.44 |
| Sound power level (EN 12102) | 39-46 dB(A) | 39-47 dB(A) |
| Max. application limit on the heating side | 75 °C | 75 °C |
| Height | 1369 mm | 1369 mm |
| Width | 598 mm | 598 mm |
| Depth | 658 mm | 658 mm |
| Weight | 190 kg | 190 kg |
| Rated voltage, compressor | 230 V | 230 V |
| Rated voltage, emergency/auxiliary heater | 230 V | 230 V |
| Refrigerant | R454C | R454C |

| | | |
|------------------------------|--------------------------|--------------------------|
| Connection, heating side | 28 mm | 28 mm |
| Connection, heat source side | 28 mm plug-in connection | 28 mm plug-in connection |

Set-Components 3



| Type | SBB 302 WP (GB) Set | SBB 302 WP (GB) Set | SBB 302 WP (GB) Set |
|-------------|---------------------------------|---------------------------------|---------------------------------|
| Product set | WPE-I 04 HK 230 Premium Pack | WPE-I 06 HK 230 Premium Pack | WPE-I 08 HK 230 Premium Pack |

Technical data

| | | | |
|-----------------------------------|---------------------|---------------------|---------------------|
| Energy efficiency class | C | C | C |
| Nominal capacity | 290 l | 290 l | 290 l |
| Surface area, heat exchanger, top | 4.80 m ² | 4.80 m ² | 4.80 m ² |
| Height | 1770 mm | 1770 mm | 1770 mm |
| Diameter | 700 mm | 700 mm | 700 mm |
| Height when tilted | 1750 mm | 1750 mm | 1750 mm |
| Weight, empty | 184 kg | 184 kg | 184 kg |

Set-Components 3



Type

**SBB 302
WP (GB) Set**

**SBB 302
WP (GB) Set**

Product set

WPE-I 12 HK 230
Premium Pack

WPE-I 15 HK 230
Premium Pack

Technical data

| | | |
|-----------------------------------|---------------------|---------------------|
| Energy efficiency class | C | C |
| Nominal capacity | 290 l | 290 l |
| Surface area, heat exchanger, top | 4.80 m ² | 4.80 m ² |
| Height | 1770 mm | 1770 mm |
| Diameter | 700 mm | 700 mm |
| Height when tilted | 1750 mm | 1750 mm |
| Weight, empty | 184 kg | 184 kg |

Set-Components **4**



Type

WPSF

WPSF

WPSF

Product set

WPE-I 04 HK 230
Premium Pack

WPE-I 06 HK 230
Premium Pack

WPE-I 08 HK 230
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 **4**



Type

WPSF

WPSF

Product set

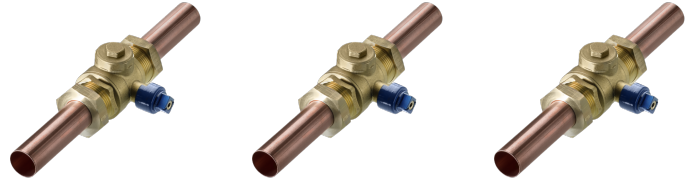
WPE-I 12 HK 230
Premium Pack

WPE-I 15 HK 230
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 **5**

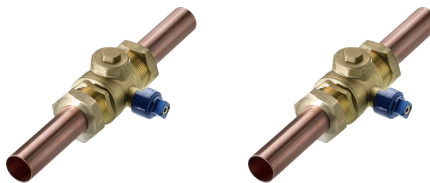


| | | | |
|-------------|---------------------------------|---------------------------------|---------------------------------|
| Type | FS-WP 28 | FS-WP 28 | FS-WP 28 |
| Product set | WPE-I 04 HK 230 Premium Pack | WPE-I 06 HK 230 Premium Pack | WPE-I 08 HK 230 Premium Pack |

Technical data

| | | | |
|------------|----------------------------|----------------------------|----------------------------|
| Connection | G 1 1/4 A / Cu 28 x 1.5 | G 1 1/4 A / Cu 28 x 1.5 | G 1 1/4 A / Cu 28 x 1.5 |
|------------|----------------------------|----------------------------|----------------------------|

Set-Components **5**



| Type | FS-WP 28 | FS-WP 28 |
|-------------|---------------------------------|---------------------------------|
| Product set | WPE-I 12 HK 230 Premium Pack | WPE-I 15 HK 230 Premium Pack |

Technical data

| | | |
|------------|----------------------------|----------------------------|
| Connection | G 1 1/4 A / Cu 28 x 1.5 | G 1 1/4 A / Cu 28 x 1.5 |
|------------|----------------------------|----------------------------|

Set-Components **6**



| | | | |
|-------------|---------------------------------|---------------------------------|---------------------------------|
| Type | UP 25-60-180 | UP 25-60-180 | UP 25-60-180 |
| Product set | WPE-I 04 HK 230 Premium Pack | WPE-I 06 HK 230 Premium Pack | WPE-I 08 HK 230 Premium Pack |

Technical data

| | | | |
|---------------------------------------|------------|------------|------------|
| Connection | G 2 | G 2 | G 2 |
| Power consumption | 46/67/93 W | 46/67/93 W | 46/67/93 W |
| Rated voltage | 230 V | 230 V | 230 V |
| Installation length (centre distance) | 180 mm | 180 mm | 180 mm |

Set-Components **6**



| | | |
|-------------|---------------------------------|---------------------------------|
| Type | UP 25-60-180 | UP 25-60-180 |
| Product set | WPE-I 12 HK 230 Premium Pack | WPE-I 15 HK 230 Premium Pack |

Technical data

| | | |
|---------------------------------------|------------|------------|
| Connection | G 2 | G 2 |
| Power consumption | 46/67/93 W | 46/67/93 W |
| Rated voltage | 230 V | 230 V |
| Installation length (centre distance) | 180 mm | 180 mm |

Set-Components **7**



| Type | FET | FET | FET |
|-------------|---------------------------------|---------------------------------|---------------------------------|
| Product set | WPE-I 04 HK 230 Premium Pack | WPE-I 06 HK 230 Premium Pack | WPE-I 08 HK 230 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 **7**



| Type | FET | FET |
|-------------|---------------------------------|---------------------------------|
| Product set | WPE-I 12 HK 230 Premium Pack | WPE-I 15 HK 230 Premium Pack |

Technical data

| | | |
|--------|--------|--------|
| Width | 145 mm | 145 mm |
| Height | 96 mm | 96 mm |
| Depth | 31 mm | 31 mm |

Set-Components **8**



| Type | ISG web | ISG web | ISG web |
|-------------|------------------------------|------------------------------|------------------------------|
| Product set | WPE-I 04 HK 230 Premium Pack | WPE-I 06 HK 230 Premium Pack | WPE-I 08 HK 230 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 **8**



| Type | ISG web | ISG web |
|-------------|------------------------------|------------------------------|
| Product set | WPE-I 12 HK 230 Premium Pack | WPE-I 15 HK 230 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 |

Set-Components **9**



| Type | TAF PT 2m | TAF PT 2m | TAF PT 2m |
|-------------|---------------------------------|---------------------------------|---------------------------------|
| Product set | WPE-I 04 HK 230 Premium Pack | WPE-I 06 HK 230 Premium Pack | WPE-I 08 HK 230 Premium Pack |

Technical data

| Version | Temperature sensor | Temperature sensor | Temperature sensor |
|------------------|--------------------|--------------------|--------------------|
| With supply line | • | • | • |
| Colour | white | white | white |
| Diameter | 6 mm | 6 mm | 6 mm |

Set-Components **9**



| Type | TAF PT 2m | TAF PT 2m |
|-------------|---------------------------------|---------------------------------|
| Product set | WPE-I 12 HK 230 Premium Pack | WPE-I 15 HK 230 Premium Pack |

Technical data

| Version | Temperature sensor | Temperature sensor |
|------------------|--------------------|--------------------|
| With supply line | • | • |
| Colour | white | white |
| Diameter | 6 mm | 6 mm |

More details regarding set components can be found under the relevant product

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 346 2300

Or send an e-mail to

sales@stiebel-eltron.co.uk

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.