

WPL 17 ICS classic compact plus Set

AIR SOURCE HEAT PUMPS

PRODUCT-NO.: 236729

Bring all the efficiency indoors

You have near neighbours? No problem with this set of air source heat pump and combi unit consisting of a DHW and buffer cylinder. As the heat pump is installed indoors, noise or lack of space outdoors are not an issue. The sound insulation of the air ducts also contributes to this. The sound power level outdoors is roughly equivalent to the sound of a gentle breeze. If you opt to integrate your efficient heat pump into your home network, you can then conveniently control it via a smartphone or tablet.

Two cylinders in one

The cylinder requires little space in your utility room as it is a combi unit with two cylinders in one. Its capacity of 180 litres provides enough hot water for a shower or a relaxing bath. Your efficient heat pump will then keep your rooms comfortably warm – or cool in the summer.

The main features

Set consists of an indoor air source heat pump and integral cylinder for heating, cooling and hot water

Heat pump with inverter technology for high efficiency and low energy bills

Indoor installation ensures significantly lower outdoor noise, making it ideal for densely built-up areas

Flow temperature of up to 60 °C for high hot water convenience

Operating noise can be further reduced in night mode ("silent mode")

Integrated heat pump manager with intuitive menu guidance

Optional integration into the home network and control via smartphone (additional components required)



WPL 09 ICS classic compact plus Set

Product-No.: 236728



WPL 09 IKCS classic compact plus Set

Product-No.: 236732



WPL 17 IKCS classic compact plus Set

Product-No.: 236733

Set-Components 1



| Type | WPL 09 ICS classic | WPL 09 IKCS classic | WPL 17 ICS classic |
|-------------|-------------------------------------|--------------------------------------|-------------------------------------|
| Product set | WPL 09 ICS classic compact plus Set | WPL 09 IKCS classic compact plus Set | WPL 17 ICS classic compact plus Set |

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 A7/W35 (EN 14511) | 2.06 kW | 2.06 kW | 4.27 kW |
| Heating output at A2/W35 (EN 14511) | 2.64 kW | 2.62 kW | 5.02 kW |
| Heating output at A-7/W35 (EN 14511) | 4.23 kW | 4.18 kW | 8.02 kW |
| Cooling capacity at A35/W18 partial load | 1.85 kW | 1.85 kW | 3.60 kW |
| Max. cooling capacity at A35/W18 | 3.00 kW | 3.00 kW | 6.00 kW |
| COP at A7/W35 (EN 14511) | 4.68 | 4.68 | 4.74 |
| COP at A2/W35 (EN 14511) | 3.83 | 3.76 | 3.83 |
| COP at A-7/W35 (EN 14511) | 3.16 | 3.07 | 2.63 |
| Energy efficiency ratio at A35/W18 partial load | 3.96 | 3.76 | 2.78 |
| Energy efficiency ratio at A35/W18 max. | 2.22 | 2.02 | 1.83 |
| SCOP 35 °C (EN 14825) | 4.525 | 4.45 | 4.25 |
| Sound power level (EN 12102) | 45 dB(A) | 45 dB(A) | 51 dB(A) |
| Min./max. application limits for heat source | -20/35 °C | -20/35 °C | -20/35 °C |

| Max. application limit on the heating side | 60 °C | 60 °C | 60 °C |
|--|---------|---------|---------|
| Height | 1381 mm | 1892 mm | 1381 mm |
| Width | 874 mm | 893 mm | 874 mm |
| Depth | 874 mm | 833 mm | 874 mm |
| Weight | 173 kg | 219 kg | 175 kg |
| Refrigerant | R410A | R410A | R410A |

Set-Components **1**



| | |
|-------------|--------------------------------------|
| Type | WPL 17 IKCS classic |
| Product set | WPL 17 IKCS classic compact plus Set |

Technical data

| | |
|--|-----------|
| Energy efficiency class, heat pump W35 | A++ |
| Energy efficiency class, heat pump W55 | A++ |
| Energy efficiency class, composite system (heat pump + controller) W35 | A++ |
| Energy efficiency class, composite system (heat pump + controller) W55 | A++ |
| Heating output at A7/W35 (EN 14511) | 4.22 kW |
| Heating output at A2/W35 (EN 14511) | 4.95 kW |
| Heating output at A-7/W35 (EN 14511) | 7.80 kW |
| Cooling capacity at A35/W18 partial load | 3.60 kW |
| Max. cooling capacity at A35/W18 | 6.00 kW |
| COP at A7/W35 (EN 14511) | 4.60 |
| COP at A2/W35 (EN 14511) | 3.70 |
| COP at A-7/W35 (EN 14511) | 2.58 |
| Energy efficiency ratio at A35/W18 partial load | 2.58 |
| Energy efficiency ratio at A35/W18 max. | 1.63 |
| SCOP 35 °C (EN 14825) | 4.125 |
| Sound power level (EN 12102) | 50 dB(A) |
| Min./max. application limits for heat source | -20/35 °C |

| | |
|--|---------|
| Max. application limit on the heating side | 60 °C |
| Height | 1892 mm |
| Width | 893 mm |
| Depth | 833 mm |
| Weight | 221 kg |
| Refrigerant | R410A |

Set-Components 2



| Type | HSBC 200 L | HSBC 200 L | HSBC 200 L |
|-------------|-------------------------------------|--------------------------------------|-------------------------------------|
| Product set | WPL 09 ICS classic compact plus Set | WPL 09 IKCS classic compact plus Set | WPL 17 ICS classic compact plus Set |

Technical data

| | | | |
|--|---------------------|---------------------|---------------------|
| Energy efficiency class | B | B | B |
| Standby energy consumption/24 h at 65 °C | 1.30 kWh | 1.30 kWh | 1.30 kWh |
| Nominal capacity, DHW cylinder | 180 l | 180 l | 180 l |
| Nominal capacity, buffer cylinder | 100 l | 100 l | 100 l |
| Surface area, heat exchanger | 1.60 m ² | 1.60 m ² | 1.60 m ² |
| Capacity, heat exchanger | 10 l | 10 l | 10 l |
| Height | 1908 mm | 1908 mm | 1908 mm |
| Width | 680 mm | 680 mm | 680 mm |
| Depth | 800 mm | 800 mm | 800 mm |
| Height when tilted | 2107 mm | 2107 mm | 2107 mm |
| Weight | 185 kg | 185 kg | 185 kg |

Set-Components **2**

| | |
|-------------|--------------------------------------|
| Type | HSBC 200 L |
| Product set | WPL 17 IKCS classic compact plus Set |

Technical data

| | |
|--|---------------------|
| Energy efficiency class | B |
| Standby energy consumption/24 h at 65 °C | 1.30 kWh |
| Nominal capacity, DHW cylinder | 180 l |
| Nominal capacity, buffer cylinder | 100 l |
| Surface area, heat exchanger | 1.60 m ² |
| Capacity, heat exchanger | 10 l |
| Height | 1908 mm |
| Width | 680 mm |
| Depth | 800 mm |
| Height when tilted | 2107 mm |
| Weight | 185 kg |

Further information about the set components can be found under the respective product.

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.