

WPL 17 ICS classic comfort Set

AIR SOURCE HEAT PUMPS

PRODUCT-NO.: 236731

WPL 09 IKCS classic comfort set You want to have energy efficiency – not hear it.

With the WPL 09 IKCS classic designed for indoor installation, STIEBEL ELTRON presents a system solution for the new build sector that is as elegant as it is efficient. The air inlet and outlet can be attached to the side or rear for flexibility. This makes for ideal positioning with tidy connections in the chosen installation room of the building. Outdoor noise emission is minimised by the structure of the air routing.



The main features

Comprising WPL 09 ICS classic and SBB 301 WP DHW cylinder with internal indirect coil

Inverter air source heat pump installed indoors for heating and cooling

Air connections on top of appliance for maximum siting flexibility

Inverter technology for high efficiency and low energy bills

Quietest operation due to innovative appliance design and silent mode function

Space saving installation due to compact design

Comprising WPL 09 IKCS classic and SBB 301 WP DHW cylinder with internal indirect coil

Air connections to the side or rear of the appliance for neat installation in the utility room

Comprising WPL 17 ICS classic and SBB 301 WP DHW cylinder with internal indirect coil

Comprising WPL 17 IKCS classic and SBB 301 WP DHW cylinder with internal indirect coil

**WPL 09 ICS classic comfort Set**

Product-No.: 236730

**WPL 09 IKCS classic comfort Set**

Product-No.: 236734

**WPL 17 IKCS classic comfort Set**

Product-No.: 236735

Set-Components 1



Type	WPL 09 ICS classic	WPL 09 IKCS classic	WPL 17 ICS classic
Product set	WPL 09 ICS classic comfort Set	WPL 09 IKCS classic comfort Set	WPL 17 ICS classic comfort 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 comfort 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	SBB 301 WP	SBB 301 WP	SBB 301 WP
Product set	WPL 09 ICS classic comfort Set	WPL 09 IKCS classic comfort Set	WPL 17 ICS classic comfort Set

Technical data

Energy efficiency class	C	C	C
Standby energy consumption/24 h at 65 °C	2.10 kWh	2.10 kWh	2.10 kWh
Nominal capacity	301 l	301 l	301 l
Surface area, heat exchanger, top	3.20 m ²	3.20 m ²	3.20 m ²
Height	1710 mm	1710 mm	1710 mm
Diameter incl. thermal insulation	700 mm	700 mm	700 mm
Height when tilted	1,750 mm	1,750 mm	1,750 mm
Weight	156 kg	156 kg	156 kg

Set-Components **2**

Type	SBB 301 WP
Product set	WPL 17 IKCS classic comfort Set

Technical data

Energy efficiency class	C
Standby energy consumption/24 h at 65 °C	2.10 kWh
Nominal capacity	301 l
Surface area, heat exchanger, top	3.20 m ²
Height	1710 mm
Diameter incl. thermal insulation	700 mm
Height when tilted	1,750 mm
Weight	156 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.