

## WPL 13-23 cool

### Heating and cooling with a single system.

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The new WPL cool heat pump offers you every convenience in modern room conditioning. Under its clean external lines, this heat pump hides innovative technology that can heat and cool. An electronic expansion valve ensures the optimum control of all processes. Its unique control technology allows it to adjust itself to both operating modes. This optimises efficiency, both in the heating and the cooling operation. As a future-proof investment, the modern heat pump system contributes substantially to an increase in comfort and property value. Like the WPL, the WPL cool is available for internal or external installation, making it an ideal choice for modernisation projects.



### The most important features

- Ideally suited to modernisation
- Integral cooling function
- High output and excellent COP even at low outside temperatures
- Efficient defrosting
- Refrigerant circuit heating of the defrost pan
- High coefficient of performances
- Version for internal or external installation



Type	WPL 13 cool	WPL 18 cool	WPL 23 cool
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Part no.	223400	223401	223402
Output at A2/W35 (EN 14511)	8,10 kW	11,28 kW	14,82 kW
Output for A7/W35 (EN 14511)	9,01 kW	12,30 kW	15,31 kW
Height	1116 mm	1116 mm	1116 mm
Width	784 mm	784 mm	784 mm
Depth	1182 mm	1182 mm	1180 mm
Specification			
Weight	210 kg	220 kg	225 kg
Flow rate, heating side	1,50 m <sup>3</sup> /h	2,00 m <sup>3</sup> /h	2,80 m <sup>3</sup> /h
Flow rate, heat source side	3500 m <sup>3</sup> /h	3500 m <sup>3</sup> /h	3500 m <sup>3</sup> /h
Connection on the heating system side	G 1 1/4	G 1 1/4	G 1 1/4
Current (with/without softstarter)			
Power connection	3/N/PE	3/N/PE	3/N/PE
Heating water temperature spread	4,50 K	4,50 K	4,50 K
Output for A10/W35 (EN 14511)	9,50 kW	13,30 kW	17,80 kW
Coefficient of performance for A10/W35 (EN 14511)	4,10	4,60	4,20
Output for A10/W50 (EN 14511)	8,80 kW	12,60 kW	17,20 kW
Coefficient of performance for A10/W50 (EN 14511)	3,10	3,30	3,20
Output for A7/W35 (EN 14511)	9,01 kW	12,30 kW	15,31 kW
Coefficient of performance for A7/W35 (EN 14511)	3,99	4,29	3,77
Output at A2/W35 (EN 14511)	8,10 kW	11,28 kW	14,82 kW
Coefficient of performance for A2/W35 (EN 14511)	3,38	3,72	3,50
Output for A2/W50 (EN 14511)	7,90 kW	11,90 kW	15,20 kW
Coefficient of performance for A2/W50 (EN 14511)	2,70	2,90	2,70
Output for A-7/W35 (EN 14511)	6,60 kW	9,60 kW	13 kW
Coefficient of performance for A-7/W35 (EN 14511)	3	3,20	3,10
Output for A-7/W50 (EN 14511)	6,84 kW	10,14 kW	13,71 kW
Coefficient of performance for A-7/W50 (EN 14511)	2,38	2,46	2,46
Output for A-15/W35 (EN 14511)	5,40 kW	7,70 kW	10,40 kW
Coefficient of performance for A-15/W35 (EN 14511)	2,60	2,70	2,60
Output for A-15/W50 (EN 14511)	5,60 kW	8,20 kW	11,10 kW
Coefficient of performance for A-15/W50 (EN 14511)	2	2,10	2,10
Refrigerating capacity with A35/W7	6,70 kW	9,20 kW	12,50 kW

Cooling factor with A35/W7	2,40	2,40	2,10
Refrigerating capacity with A35/W20	9,70 kW	13,50 kW	15,80 kW
Cooling factor with A35/W20	2,90	3	2,50