

## Data sheet LA 1118BWCP



Installation location:

Max. flow temperature: 65 °C

Heat pump system for heating and cooling, consisting of Hydro-tower with integrated WPM Touch heat pump manager with touch display and externally installed air-to-water heat pump.

Heat pump

- Easy hydraulic connection with the flexible connection kit VS 32-220 included
- Quick and easy installation thanks to installation close to walls, a casing concept optimised for outdoor installation and the option of connecting the heat pump from underneath and behind.
- Extremely quiet thanks to sound-optimised casing and sound-insulated compressor housing
- Flexible expansion options with additional mixer outputs for bivalent operation and/or control of mixed heating circuits
- Side parts and cover anthracite grey textured (similar to RAL 7016), front panels grey aluminium textured (similar to RAL 9007).
- Minimal installation effort thanks to the space-optimised combination of buffer tank and domestic hot water cylinder
- Simple commissioning with integrated heat pump manager and optimally coordinated hydraulic components
- Demand-based supplementary heating via switchable pipe heater (2/4/6 kW)
- Drinking water cylinder with 300 l and buffer cylinder with 100 l capacity

High coefficient of performance (COP) due to high performance evaporator, electronic expansion valve, EC fan for adjustment of air volume flow, self-optimising output control and natural refrigerant R290.

Hydro-tower

Standard integrated heating flange with 1.5 kW output to support domestic hot water preparation.

Silent cooling via panel heating/cooling systems requires the use of the room temperature controller with humidity sensor (RTM Econ) and a mixed heating circuit to regulate the flow temperature on the basis of the air temperature and humidity of a reference room.



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## Technical data

### Dimplex (Medium temperature)

Max. flow temperature	65 Grad
Lower operating limit heat source (heating operation) / Upper operating limit heat source (heating operation)	-22 Grad / 35 Grad
Heat output A-7/W35 / COP A-7/W35 *	11,2 kW / 2,9
Heat output max. A-7/W35 / COP A-7/W35 *	11,15 kW
Heat output A2/W35 / COP A2/W35 *	5,6 kW / 4,3
Heat output max. A2/W35 / COP A2/W35 *	9,5 kW
Heat output A7/W35 / COP A7/W35 *	5,4 kW / 5,6
Sound power level	49 dB(A)
Refrigerant / Amount of refrigerant	R290 / 1,3 kg
Width x Height x Depth **	1418 x 1107 x 598 mm
Weight	435 kg
Rated voltage	3/N/PE ~400 V, 50 Hz

\*\*Please note that additional space is required for pipe connections, operation and maintenance.

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Description	Order ref.	Article number	Sample item	Item
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\* Other specific accessories available / required

Important information:

The combination of the components and the quantities indicated represent a non-binding sample system, which needs to be tested and individually adapted as required. Pump dimensioning must be reviewed according to the pressure loss of the system and the minimum heating water flow rate of the heat pump.



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