

DHW 100PW

Dimplex[®]

Wall-mounted domestic hot water heat pump for new builds and redevelopment

Experience Better Living.



Efficient and economical

Highly efficient domestic hot water preparation with hot water temperatures of up to 55°C when operating solely in heat pump mode, additional heating element for up to 65°C, energy efficiency class A

Smart with PV connection

PV can be used for heat pump and heating element

Quick and easy installation

Ideal for domestic hot water preparation in flats or apartments thanks to simple installation and compact dimensions

Sustainable values

The DHW 100PW impresses with a low GWP of 3 thanks to the natural refrigerant R290 and a COP of 2.4

Intuitive operation

Easy operation via a knob and setting keys for access to turbo function, PV function, time programs and much more

DHW 100PW

The DHW 100PW wall-mounted domestic hot water heat pump is an efficient and economical solution for domestic hot water preparation. It impresses with its natural, eco-friendly refrigerant R290 and is ideal for use in flats and apartments. Thanks to its compact dimensions, it can also be installed in rooms with a low ceiling height (2.0 m). The device can be operated and adjusted intuitively using a knob and setting keys, and various operating modes can be set. A PV feed-in can be provided for both the heat pump and heating element.

| Order reference | DHW 100PW |
|---|---|
| Item number | 382320 |
| Cylinder volume | 100 l |
| Permissible operating pressure | 0,6 MPa (6 bar) |
| Lower/upper operating limit of heat source | -7 °C to + 35 °C |
| Domestic hot water setting range in heat pump operation | +30 °C to +55 °C |
| Domestic hot water setting range max. | +65 °C |
| Air flow | 90 m ³ /h to 140 m ³ /h |
| Air duct connection diameter | 80 mm air outlet / 125 mm intake |
| Air duct connection length max. | 5 m |
| Sound power level | 41 dB(A) |
| Sound pressure level at a distance of 1 m | 36 dB(A) |
| Load profile | M |
| Energy efficiency class according to (EU) 812/2013 ¹ | A |
| COP at (A7/W55) ² | 2.4 |
| Heat pump power consumption max. | 350 W |
| Total power consumption max. | 1,350 W |
| Connection voltage | 1/N/PE ~230 V, 50 Hz |
| Fusing max. | 10 A, characteristic D |
| Degree of protection | IP X4 |
| Dimensions (W x H x D) | 520 x 1,290 x 520 mm |
| Tilting dimension | 1,350 mm |
| Weight (empty) | 47 kg |
| Cold and hot water connection | R 3/4" |

¹ In a range from A+ to F

² With an outside temperature of +7°C and a domestic hot water temperature of +55°C



Glen Dimplex Deutschland GmbH
Division
Heating & Ventilation / Dimplex
Am Goldenen Feld 18
95326 Kulmbach, Germany

T + 49 9221 709 -101
F + 49 9221 709 -339
info@dimplex.de
www.dimplex.de