



DISCOVER A NEW ERA OF ECOi,
THE ECOi-W

Panasonic introduces a new Heat Pump Chiller series ECOi-W. This new series provides a wide variety of HVAC System Solutions to meet your needs.



ECOi-W MEETS THE CUSTOMER'S NEEDS, WITH THIS FULLY CUSTOMISABLE HEAT PUMP CHILLER

1 High Energy saving and Comfort

- High SEER/SCOP
- Quiet operation
- Cloud compatible
- Modbus built-in

2 High Flexibility

- From 20kW to 210kW
- Customisable design
- Operating range: -17°C (Heating) to 50°C (Cooling)
- Wide range of Hydraulic options
- Wide range of communication protocols

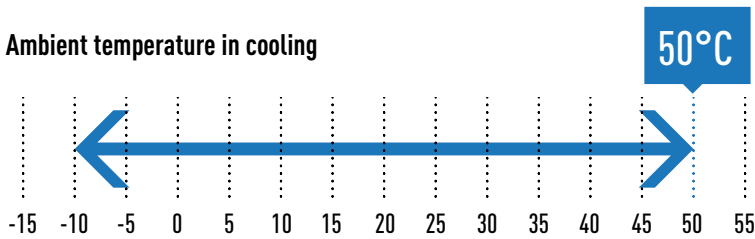
3 High Quality

- Defrost limiting coil design (140 to 210)
- Optimized design for service and maintenance
- Compact footprint

Operating condition

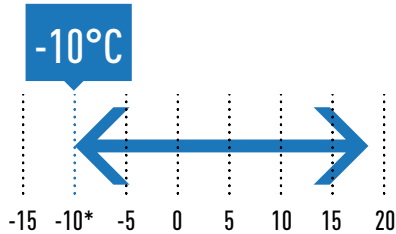
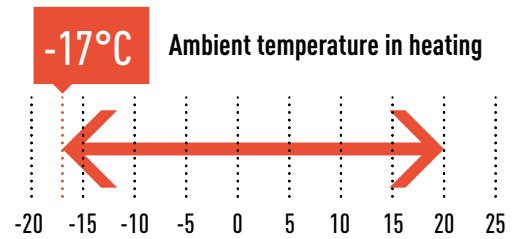
Panasonic ECOi-W provides wide operation range from -17°C in heating to 50°C in cooling.

Ambient temperature in cooling



Cooling: Outside air temperature °C (DB). Heating: Outside air temperature °C (WB).

Ambient temperature in heating

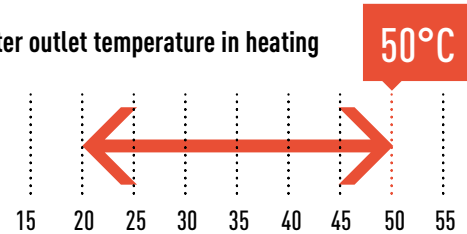


Water outlet temperature in cooling

One of the uniqueness which ECOi-W has, is the water outlet temperature up to -10°C in cooling. It can ensure the operation temperature of the process equipment in factories.

* With glycol 45%, 5°C without glycol

Water outlet temperature in heating



ECOi-W the solution for hotels, offices and the industry

Hotels



Offices



Industry



ECOi-W provides the optimal performance in any seasonal climatic conditions



R410A







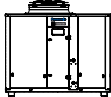
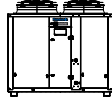
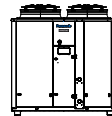
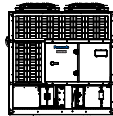
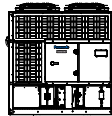
Simple user friendly control

In addition to basic control functions...

- Intelligent logic control for inlet water temperature
- Night setback operation to reduce electrical consumption and noise
- Automatic Test operation at the push of a button



Simple Line-up List

ECOi-W Size	20	25	30	35	40	45	55	65	75	90	105	125	140	150	170	190	210
Cooling capacities (kW) 	19,4	25,3	26,9	35,8	37,4	46,8	53,3	65,8	71,6	91,4	106,2	121,0	125,4	137,6	150,9	175,8	195,4
Heating capacities (kW) 	19,5	26,9	29,7	37,3	41,6	48,5	58,2	67,2	75,9	88,1	101,0	119,1	143,7	163,7	170,1	194,9	217,6
SEER	3,91	3,87	3,88	3,68	3,91	3,70	3,86	4,04	3,99	3,89	3,88	3,89	3,87	3,87	3,91	3,69	3,68
SCOP	3,37	3,27	3,27	3,36	3,40	3,23	3,27	3,43	3,40	3,26	3,31	3,35	3,32	3,36	3,31	3,29	3,23
Dimensions (H x W x D)*	 1983 x 1000 x 1000	 1983 x 1000 x 1000	 1986 x 2180 x 1160	 1986 x 2180 x 1160	 2286 x 2180 x 1160	 2295 x 2210 x 2856	 2321 x 2210 x 2856										

* Without buffer tank.



HIGH SEER

4,04

HIGH SCOP

3,43



SUPER QUIET



AUTOMATIC FAN



DEFROST LIMITING



BLUEFIN



ULTIMATE CUSTOMISATION



HEATING MODE



COOLING MODE



CLOUD



BMS CONNECTIVITY

ErP



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heating & cooling solutions

