



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

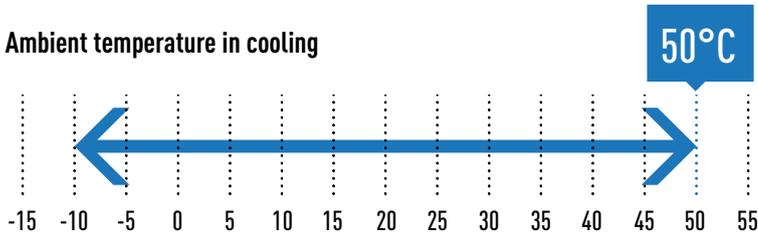
## 3 High Quality

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

### Operating condition

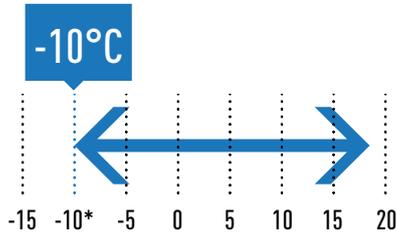
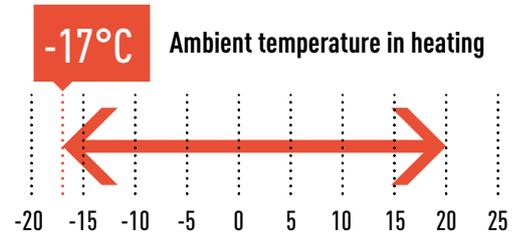
Panasonic ECOi-W provides wide operation range from -17°C in heating to 50°C in cooling.

#### Ambient temperature in cooling



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

#### Ambient temperature in heating

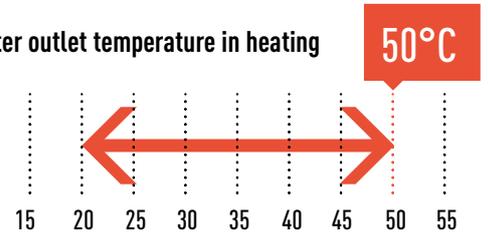


#### Water outlet temperature in cooling

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	
<b>Cooling capacities (kW)</b> 	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	
<b>Heating capacities (kW)</b> 	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	
<b>SEER</b>	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	
<b>SCOP</b>	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	
<b>Dimensions (H x W x D)*</b>	 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



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