



## 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

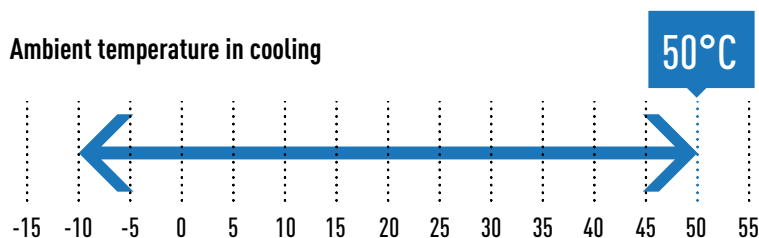
## 3 High Quality

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

### Operating condition

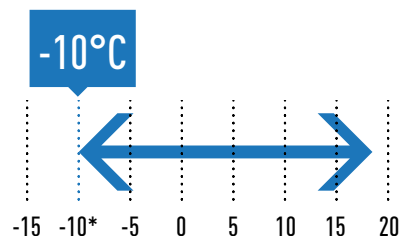
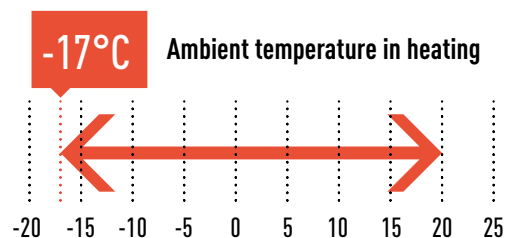
Panasonic ECOi-W provides wide operation range from -17°C in heating to 50°C in cooling.

#### Ambient temperature in cooling



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

#### Ambient temperature in heating

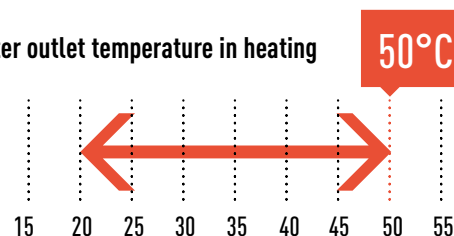


#### Water outlet temperature in cooling

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.

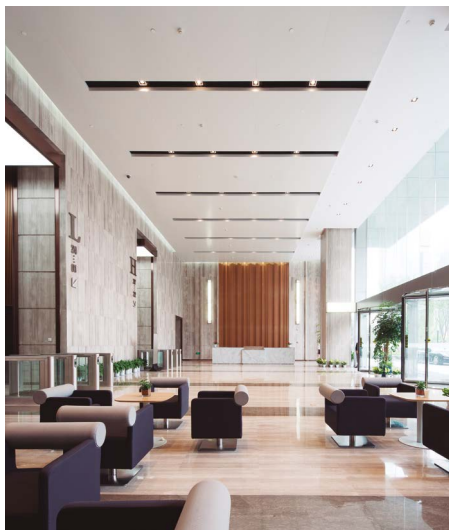
\* With glycol 45%, 5°C without glycol

#### Water outlet temperature in heating



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

#### Hotels



#### Offices



#### Industry



ECO *i* - W

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			 143,7 153,7		 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

# Panasonic®

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heating & cooling solutions

