

ecodan

D generation



Indoor Units

All-in-one Compact Indoor Unit

- All-in one: Key functional components are incorporated
- Compact cylinder unit: Just 595x680mm footprint and 1,600mm of 200L unit height
- Compact hydro box: Only 530x360mm footprint
- Easy Installation: Factory fitted pressure relief valve
- Easy service: Relevant parts are located at the front of the unit for easy maintenance
- Easy transport: Handles attached on front and back (cylinder unit)

New Expanded Line-up

With addition of new 170L and 300L cylinders, all within the existing slim 595x680mm footprint, ecodan is the perfect solution for any situation.



Easy Installation and Low Maintenance

Simple Piping Arrangement

All water piping is aligned at the rear side of the unit for easy connection and neat finish.

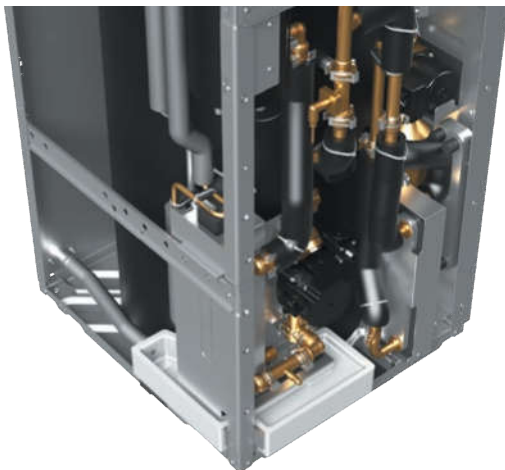


Easy Adjustment

Adjust bolt capable of 50mm expansion for easy installation on uneven surfaces.



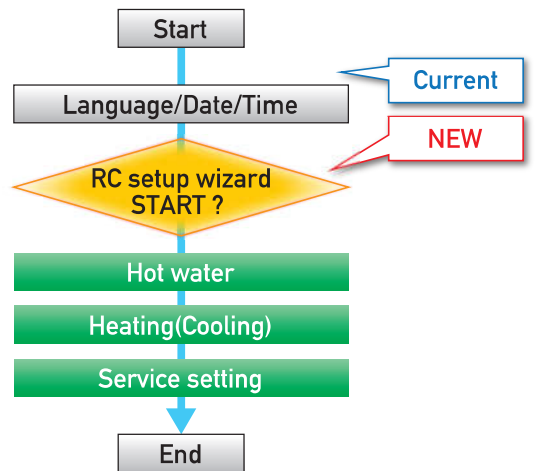
Built-in Drain Pan for Reversible Cylinder Models



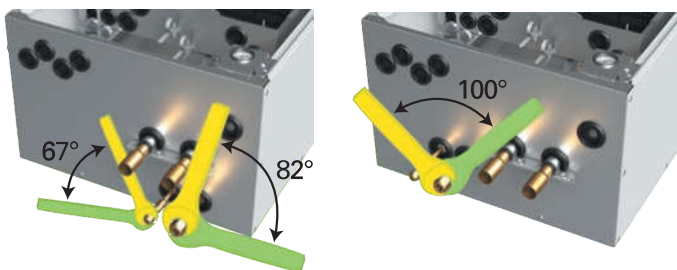
Reversible models now include a built-in space saving drain pan and the drain socket is positioned at the back of the unit. With use of the adjuster bolt, the outlet height can be higher than 50mm, allowing 5m drainage.

Initial Setting Wizard

In addition to language, date and time, you can set up hot water and heating/cooling operation, pump speed, flow rate range initial setting much simpler than previous models.



Hydro Box Piping Arrangement Improvement



Through structural innovation related to the space around the pipes, the area where the spanner can be moved has been increased, thus improving pipe work and enabling it to be completed smoothly.

Operation Data Monitoring

Time, operation mode, flow /return/ tank temperature, can be displayed on main remote controller.

Sample display of monitoring setting

26 Feb 2019 10:00				
	THW1	THW2	THW5	Flow
10:00 ☀	41°C	38°C	54°C	20L
9:55 ☀	38°C	38°C	54°C	20L
9:50 ☀	48°C	48°C	54°C	20L
9:45 🌧	60°C	56°C	54°C	15L
9:40 🌧	59°C	55°C	52°C	15L
<div style="display: flex; justify-content: space-around; align-items: center;"> <i>i</i> ◀ ▶ </div>				(1/5)

Easy Installation and Low Maintenance

Minimum Required Water Volume

Outdoor heat pump unit		Cylinder/Hydro box containing water amount (L)	Additional required water amount (L)*1	
			Average/Warmer Climate*2	Colder Climate*2
Cylinder / Hydro box	SUZ-SWM40VA	5	1	12
	SUZ-SWM60VA		2	21
	SUZ-SWM80VA		4	29

Refer to the Indoor unit installation manual for other outdoor unit models.

*1 If there is a bypass circuit, above table means minimum water amount in case of bypass

*2 Please refer to 2009/125/EC: Energy-related Products Directive and Regulation (EU) No 813/2013 to confirm your climate zone.

Minimum Additional Water Required

In average/warmer conditions, minimum additional water is required for SUZ outdoor unit. If there is enough water amount inside water pipe, radiator, or underfloor heating, no buffer tank is required.



New 2 zone kit

- You can select from 3 types of pump operations, 1. Fixed speed mode, 2. Fixed pressure mode, 3. Energy saving mode, depending on your preference.
- All-in-one kit: Key functional components are incorporated in 2 zone kit.
- Easy installation: G1 screw type flexi-piping to avoid brazing.
- Compact size: Just to fit on the top of cylinder unit, also wall mountable.

High Performance

Improved Efficiency

With additional thermistor (THW5A), η_{wh} [%] rating is improved by more than 40% compared to previous C generation 200L models allowing 170L and 200L to achieve A+, the highest possible domestic hot water efficiency rank.

Excellent DHW efficiency

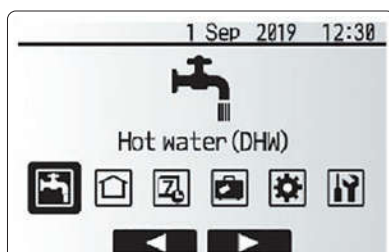


	170L (L)	200L (L)	300L (XL)
	η_{wh} [%]	η_{wh} [%]	η_{wh} [%]
C Generation	-	96 ~ 104	-
D Generation	136 ~ 148	138 ~ 159	118 ~ 128
DHW Rank	A+	A+	A/A+

Thermistor Position of Cylinder

The thermistor position is now selectable allowing the unit to accommodate for different water demands in order to maximise the efficiency of the unit for any size of household or application.

Using two thermistors equipped with all sizes of tanks, you can now select the DHW recharge amount from two options (Standard/Large). It helps accommodate for different water demands in order to maximise the efficiency of the unit for any size of household or application. This mode can be selected from main remote controller.



DHW recharge (Standard / Large)

Thermistors

