

**Hydrokit for ECOi, water at 45 °C • R410A****Connect the Hydrokit to your VRF system, together with other indoor units.**

Total system performs high energy efficiency by this heat recovering operation, and it gives an advantage for sustainability related assessment methods, such as BREEAM in UK.



COMPATIBLE WITH ALL PANASONIC CONNECTIVITY SOLUTIONS. FOR DETAILED INFORMATION GO TO THE CONTROL SYSTEMS SECTION

Model				S-80MW1E5	S-125MW1E5
Power source				230 V / Single phase / 50 Hz	230 V / Single phase / 50 Hz
Cooling capacity				8,0 kW	12,5 kW
Heating capacity				9,0 kW	14,0 kW
Maximum temperature				-45 / -65 ¹⁾ °C	-45 / -65 ¹⁾ °C
Dimension	HxWxD			892 x 502 x 353 mm	892 x 502 x 353 mm
Water pipe connector				R 1 1/4 Inch	R 1 1/4 Inch
Water pump (built-in)				DC motor (A class)	DC motor (A class)
Water flow rate	Cool			22,90 L/min	35,80 L/min
	Heat			25,80 L/min	40,10 L/min
Pipe diameter	Liquid pipe			3/8 (9,52) Inch (mm)	3/8 (9,52) Inch (mm)
	Gas pipe			5/8 (15,88) Inch (mm)	5/8 (15,88) Inch (mm)
	Drain piping			15 ~ 17 mm (inner size)	15 ~ 17 mm (inner size)
Operation range	Cool	Ambient	°C	+10 ~ +43	+10 ~ +43
		Water	°C	+5 ~ +20	+5 ~ +20
	Heat	Ambient	°C	-20 ~ +43	-20 ~ +43
		Water	°C	+25 ~ +45	+25 ~ +45
Connectable system				3-Pipe (heat recovery type) VRF System (system capable up to 48 HP)	
Maximum Indoor ratio (connectable hydrokit module capacity ratio)				Total indoor unit + Hydrokit capacity: up to 130 % (** ~ **% vs total outdoor unit capacity)	

Accessories

CZ-RTC5B Wired remote controller with Econavi function

Accessories

PAW-RE2C4 Wired remote controller for hotel application

1) Maximum 45 °C by refrigerant circuit (heat pump cycle), over 45 °C is provided by electric heater operation.

Basic principle & advantage.

Hydrokit module provides hot water by using waste heat that is recovered from standard air-conditioning indoor unit in cooling mode.

Technical focus

- Only with 3-Pipe ECOi EX MF3 Series outdoor units
- Remote controller CZ-RTC5B common use with DX coil indoor units ECOi and PACi

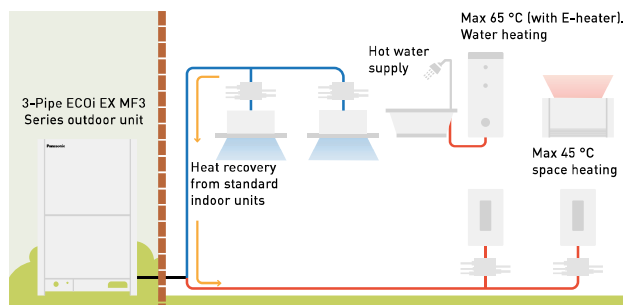
Hydrokit control function / CZ-RTC5B

- CZ-RTC5B is updated version from CZ-RTC3. It can be used for hydrokit and also normal indoor unit. CZ-RTC5B checks the type of connected unit and switch hydrokit or air conditioner style of display automatically

- Operating mode on hydrokit style to be set at initial setting of the system from following modes: tank mode or air conditioning mode

Overview: hydromodule in VRF system

- Multiple hydromodule connection in same circuit is available
- Each module can be set different operation mode either hot water supply mode or space heating mode (both operation modes are not able to set at 1 hydromodule)
- 3-Pipe control solenoid valve kit is necessary for each indoor unit and hydromodule



* Cold water also available.