

## HYDROKIT FOR ECOi WATER AT 45°C



Connect the Hydrokit to your VRF system, together with other indoor units.

### Technical focus

- Only with 3-Pipe ECOi MF2 6N Series outdoor units
- Remote controller CZ-RTC5 common use with DX Coil indoor units ECOi and PACi

### Basic principle & advantage

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

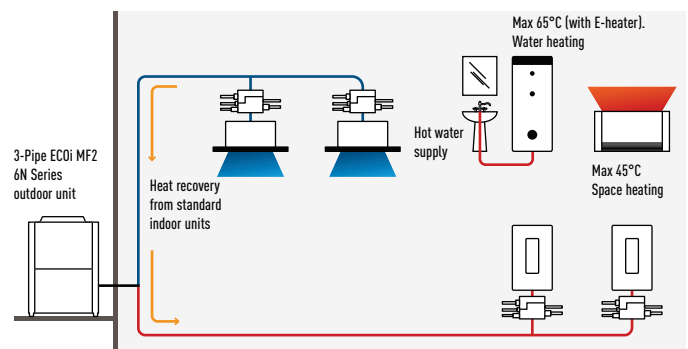
Total system performs high energy efficiency by this heat recovering operation, and it gives an advantage for the environmental-friendly assessment scheme (ex. BREEAM in UK).

### Hydrokit control function / CZ-RTC5

- CZ-RTC5 is updated version from CZ-RTC3. It can be used for hydrokit and also normal indoor unit. CZ-RTC5 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



Optional Controller.  
Control for hotel application  
PAW-REZC3



Optional Controller.  
Wired remote controller  
CZ-RTC5  
Compatible with Econavi



Optional Econavi Sensor.  
CZ-CENS1

Model*				S-80MW1E5	S-125MW1E5
Power source				230 V / Single Phase / 50 Hz	230 V / Single Phase / 50 Hz
Cooling capacity				8.0	12.5
Heating capacity				9.0	14.0
Power input heating (hydrokit)				—	—
Operating current heating (hydrokit)				—	—
Maximum temperature				~45 / ~65 <sup>1</sup>	~45 / ~65 <sup>1</sup>
Dimensions H x W x D				892 x 502 x 353	
Net weight				—	
Water pipe connector				R1 1/4	
Water pump (built-in)				DC motor (A class)	
Water flow rate				22.9	35.8
Sound pressure level				25.8	40.1
Pipe connections				—	—
Liquid				3/8	—
Gas				5/8	—
Drain piping				15 ~ 17 mm (inner size)	
Operation range				+10 / +43	—
Cooling				+5 / +20	—
Heating				-20 / +32	—
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)	

Rating Conditions: Cooling Indoor 27°C DB / 19°C WB. Cooling Outdoor 35°C DB / 24°C WB. Heating Indoor 20°C DB. Heating Outdoor 7°C DB / 6°C WB. DB: Dry Bulb; WB: Wet Bulb.

1) Max 45°C by refrigerant circuit (heat pump cycle), over 45°C is provided by electric heater operation. \* Tentative Data.



ECONAVI: Optional.