

Hot water generation VRV IV Heat pump systems

HXY-A8

Highly efficient space heating and cooling

Producing hot water from a heat pump system provides extremely low cost heating and cooling of water. Temperatures between 5°C to 45°C can be achieved allowing water temperature control for multiple applications without the need for a separate system.

Features and benefits:

- > Highly efficient space heating/cooling
- > Air to water connection to VRV for applications such as underfloor, AHU, low temperature radiators, ...
- > Leaving water temperature range from 5°C to 45°C without electric heater
- > Super wide operating range for cold/hot water production from -20 to +43°C ambient outdoor temperature
- > Saves time on system design as all water-side components are fully integrated with direct control over leaving water temperature
- > Saves space with contemporary wall hung design
- > Requires no gas connection or oil tank



HXY-A8 (Low temperature hydrobox)

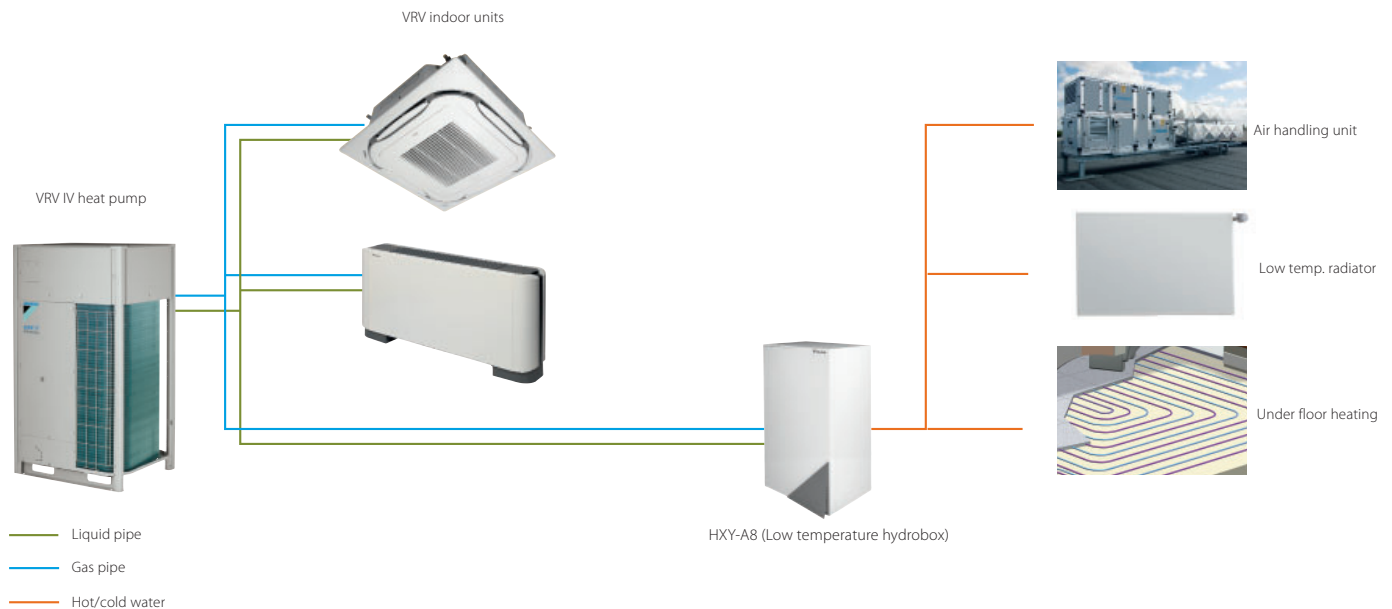
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Indoor unit				HXY080A8		HXY125A8	
Cooling capacity	Nom.	kW		8		12.5	
Heating capacity	Nom.	kW		9		14	
Casing	Colour	White					
	Material	Precoated sheet metal					
Dimensions	Unit	H x W x D	mm		890x480x344		
Weight	Unit	kg		44			
Sound pressure level	Nom.	dBA		-			
Operation range	Heating	Ambient	Min.~Max.	-20~24			
		Water side	Min.~Max.	25~45			
Refrigerant	Type	R-410A					
Refrigerant circuit	Gas side diameter	mm		15.9			
	Liquid side diameter	mm		9.5			
Water circuit	Piping connections diameter	inch		G 1"1/4 (female)			
Power supply	Phase/Frequency/Voltage	Hz/V		1~/50/220-240			
Recommended fuses	A		6~16				

Options & accessories

	HXY080-125A8
Drain pan	EKHBDPCA2
Digital I/O PCB	EKRP1HBAA
Demand PCB - Required to connect room thermostat	EKRP1AHTA
Remote user interface (remocon) - Same controller as supplied with cascade unit can be mounted parallel or on other location. If 2 controllers are installed, the installer needs to select 1 master & 1 slave	EKRUAHTB
Back-up heater	EKBUHAA6(W1/V3)
Wired room thermostat - Requires demand PCB EKRP1AHTA	EKRTWA
Wireless room thermostat - Requires demand PCB EKRP1AHTA	EKRTR1
Remote sensor for room thermostat - Requires demand PCB EKRP1AHTA	EKRTETS
Domestic hot water tank - standard (stacked on top of hydrobox)	-
Domestic hot water tank - with possibility for solar connection	-
Solar collector *1	-
Pump station	-

*1 pump station is necessary for this option



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