

HEAT RECOVERY CONDENSING UNITS

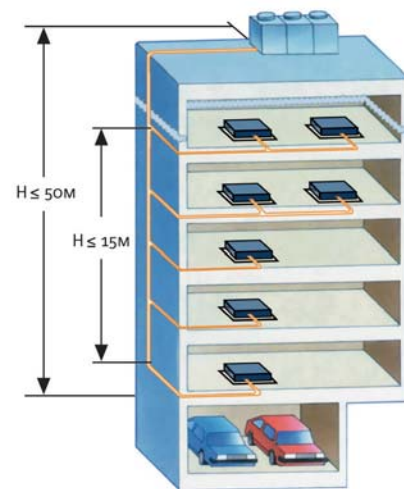
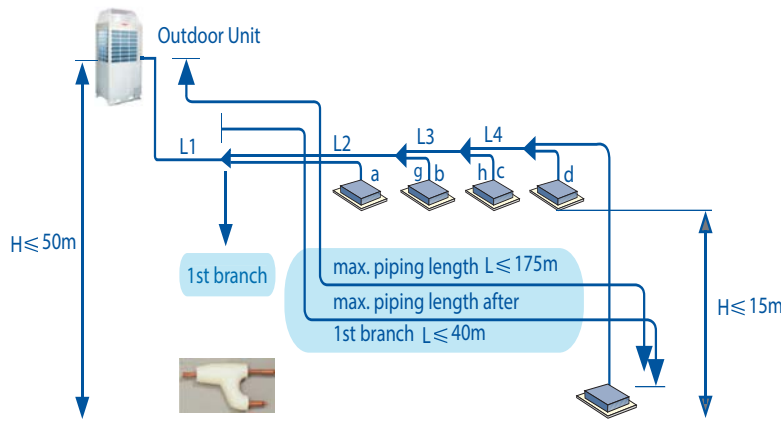


Cooling Capacity 23.9 - 135.0 kW
 Heating Capacity 26.5 - 152.1 kW

- Broad compressor capacity operation range (10% - 100%)
- DC Inverter Scroll Technology
- Cooling to -5°C to $+43^{\circ}\text{C}$ DB (outdoor temperature)
- Heating to -15°C to $+15.5^{\circ}\text{C}$ WB (outdoor temperature)
- Cooling and Heating synchronously
- High performance - EER up to 4.02
- Green refrigerant R-410A
- Flexible and quick installation
- Smaller footprint
- Versatile indoor units
- Connection of up to 64 indoor units per refrigeration circuit consisting of 3 outdoor units
- Quiet operation

Easy Placement

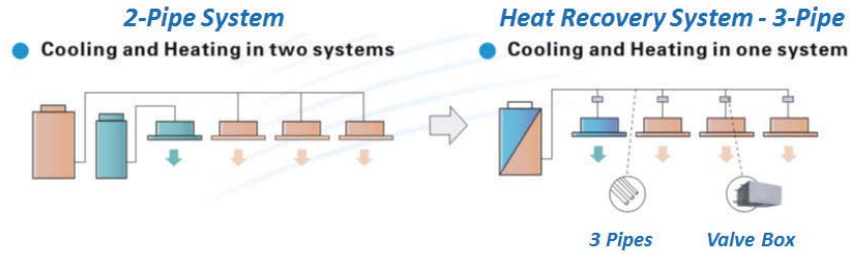
- Total 300m liquid refrigerant piping length
- Max 175m refrigerant piping length for single pipe
- Max 50m height drop when outdoor unit is above indoor unit
- Max 40m height drop when outdoor unit is below indoor unit
- Max 15m height drop between indoor units under same outdoor unit



HEAT RECOVERY SYSTEM

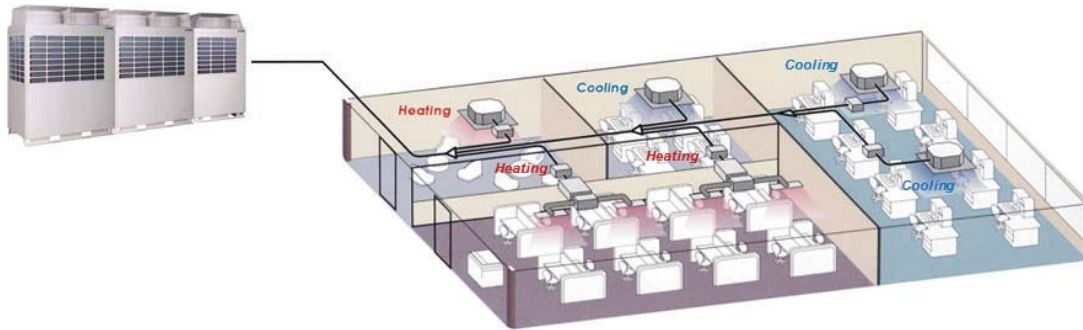
Cooling and Heating Synchronously in One System

Heat recovery system can achieve cooling and heating synchronously in one system by valve box device.



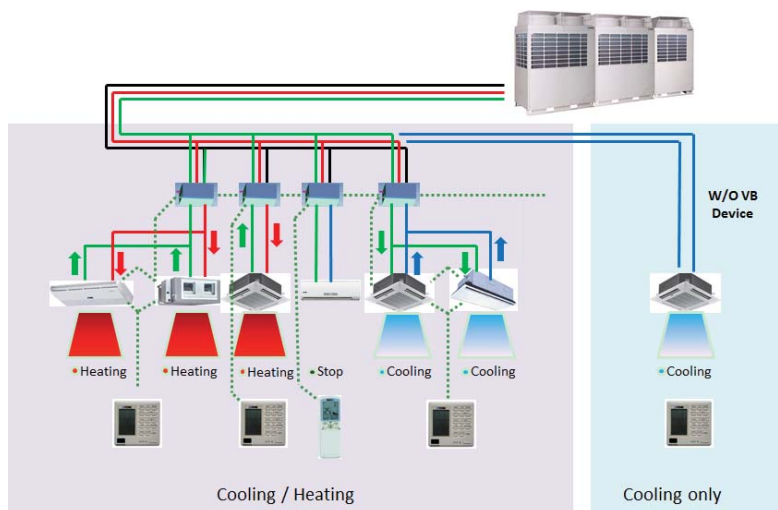
Heat Recovery, More Energy-saving

The surplus heat of some indoor units' condensation can be used for other indoor units for evaporation. Comparing with traditional Air Conditioning system, save at least 15% energy.



Design Exquisite, Easy Installation

Outdoor unit is compact. Valve box is small and exquisite. The installation space is very compact.



Free combination of modular outdoor units

A line up of outdoor units ranging from 8HP to 48HP with 2HP increments which is based on 5 basic 8/10/12/14/16HP modular units, and up to 64 indoor units can be matched into a single combination system.

Capacity	HP	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	
	TR	6.8	8.3	10.0	11.9	12.8	15.1	16.7	18.3	20.2	21.1	23.7	24.7	25.6	28.5	29.5	32.0	33.0	33.9	35.6	37.4	38.4	
	Cooling kW	23.9	29.3	35.1	41.7	45.0	53.2	58.6	64.4	71.0	74.3	83.4	86.7	90.0	100.3	103.6	112.7	116.0	119.3	125.1	131.7	135.0	
	Heating kW	26.5	32.8	39.2	46.8	50.7	59.3	65.6	72.0	79.6	83.5	93.6	97.5	101.4	112.4	116.3	126.4	130.3	134.2	140.6	148.2	152.1	
Maximum Indoor Units		13	16	19	23	26	29	33	36	39	43	46	50	53	56	59	63	64	64	64	64	64	
Appearance																							

SPECIFICATION

Model Name		YV2VYT024KAS-D-X	YV2VYT029KAS-D-X	YV2VYT035KAS-D-X	YV2VYT042KAS-D-X	YV2VYT045KAS-D-X	
Power Supply		Ph-V-Hz		3Ph/380-400V/50-60Hz	3Ph/380-400V/50-60Hz	3Ph/380-400V/50-60Hz	
Nominal Capacity							
Cooling	Capacity	kW	23.9	29.3	35.1	41.7	45.0
	Input	kW	6.0	7.6	9.2	12.2	14.0
	EER		4.02	3.84	3.82	3.42	3.23
	IEER	Btu/W-h	20.1	18.81	19.91	18.96	18.35
Heating	Capacity	kW	26.5	32.8	39.2	46.8	50.7
	Input	kW	6.2	8.0	9.2	11.4	13.4
	COP		4.3	4.1	4.2	4.1	3.8
Electrical Parameter							
Max. Input Consumption	kW	12.4	14.7	17.5	18.6	20.5	
Max. Current	A	19.9	23.4	27.9	29.5	32.4	
Performance							
Outdoor Air Flow	m	11100	11100	14100	14100	14100	
Outdoor Sound Pressure Level	dB(A)	57	57	60	60	60	
Piping Liquid / Suction Gas / High Pressure Gas	mm	ø9.52/ø19.05/ø19.05	ø9.52/ø22.2/ø19.05	ø12.7/ø25.4/ø22.22	ø12.7/ø25.4/ø22.22	ø12.7/ø28.58/ø25.4	
Containerization							
Dimensions	Unit (WxHxD)	mm	990x1808x750	990x1808x750	1390x1808x750	1390x1808x750	1390x1808x750
	Packing (WxHxD)	mm	1090x1990x860	1090x1990x860	1490x1990x860	1490x1990x860	1490x1990x860
Net/Gross Weight	kg	240/268	240/268	368/393	368/393	368/393	
Qty per 20'/40'/40'HQ	Pieces	9/20/20	9/20/20	7/14/14	7/14/14	7/14/14	

Rating Conditions(AHRI1230):

	Outdoor Temperature	Indoor Temperature
Cooling:	35°DB/23.9°WB	26.7°DB/19.4°WB
Heating:	8.3°DB/6.1°WB	21.1°DB /15.6°WB

VALVE BOX

Model			VB1-112A	VB1-180A	VB1-280A
Power Supply		Ph-V-Hz	1Ph/220~230V/50~60Hz	1Ph/220~230V/50~60Hz	1Ph/220~230V/50~60Hz
Capacity					
Total Capacity Index of Indoor Units		kW	≤11.2	> 11.2 & ≤ 18.0	>18.0 & ≤28.0
Number of Connectable Indoor Units			Max.5	Max.8	Max.8
Piping Connection					
Liquid pipe - Connect to indoor unit		mm	ø9.52	ø9.52	ø9.52
Gas pipe -Connect to indoor unit		mm	ø15.88	ø15.88	ø22.22
Liquid pipe-Connect to outdoor unit		mm	ø9.52	ø9.52	ø9.52
Suction pipe-Connect to outdoor unit		mm	ø15.88	ø15.88	ø22.22
High pressure gas pipe-Connect to outdoor unit		mm	ø12.7	ø15.88	ø19.05
Containerization					
Dimensions	Unit (WxHxD)	mm	400×180×300	400×180×300	400×180×300
	Packing (WxHxD)	mm	550×210×350	550×210×350	550×210×350
Net/Gross weight		kg	12/14	12/14	13/15