

HIGH EFFICIENCY CONDENSING UNITS



Cooling Capacity 25.4 - 211.2 kW
 Heating Capacity 28.1 - 221.7 kW

- Wide range compressor capacity operation range (10% - 100%)
- DC Inverter Scroll Technology
- Cooling from -5°C to +48°C DB (outdoor temperature)
- Heating from -20°C to +15.5°C WB (outdoor temperature)
- High performance - EER up to 4.29
- Environment friendly refrigerant R-410A
- Flexible and quick installation
- Smaller footprint
- Versatile range of aesthetically designed indoor units to compliment any decor
- Connection of up to 64 indoor units per refrigeration circuit consisting of 3 outdoor units
- Quiet operation






Easy Placement






- Total 1000m liquid refrigerant piping length
 - Maximum 190m refrigerant piping length for single pipe
 - Recommended 50m height drop when outdoor unit is above indoor unit
 - Recommended 40m height drop when outdoor unit is below indoor unit
 - Maximum 110m height drop when outdoor unit is above indoor unit
 - Maximum 90m height drop when outdoor unit is below indoor unit
 - Maximum 30m height drop between indoor units under same outdoor unit
- *If you wish to install VRF system in the place with level difference exceeding recommended values, please contact local sales office for piping design recommended values.



Free combination of modular outdoor units

A line up of outdoor units from 8HP to 72HP with 2HP increments which is based on 9 basic 8/10/12/14/16/18/20/22/24HP 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	
	TR	7.2	8.2	9.9	11.8	13.3	14.6	16.4	18.1	20	21.7	23.6	24.9	26.5	27.8	29.6	31.1	32.8	
	Cooling kW	25.4	28.9	34.8	41.5	46.4	51.5	57.8	63.7	70.4	76.3	83	87.9	93	97.9	104.2	109.3	115.6	
	Heating kW	28.1	32.4	37.9	45.8	51.1	57.2	63.7	70.1	73.9	83.7	91.6	96.9	103.0	108.3	114.8	120.9	127.4	
Maximum Indoor Units		13	16	20	24	27	30	33	36	40	43	46	50	53	57	60	64	64	
Appearance																			

Capacity	HP	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72
	TR	34.5	36.4	39.8	40	41.1	42.8	44.28	46	47.5	49.3	50.9	52.8	54.5	56.4	58.1	60
	Cooling kW	121.5	128.2	134.1	140.8	144.5	150.6	155.7	162	167.1	173.4	179.3	186	191.9	198.6	204.5	211.2
	Heating kW	133.8	137.6	144	147.8	160.2	165.9	172	178.5	184.6	191.1	197.5	201.3	207.7	211.5	217.9	221.7
Maximum Indoor Units		64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
Appearance																	

SPECIFICATION

Model NAME		YV2VYH025KASFD-1	YV2VYH028KASFD-1	YV2VYH033KASFD-1	YV2VYH040KASFD-1	YV2VYH045KASFD-1	
Power Supply		3Ph/380-400V/50-60Hz					
	Ph-V-Hz						
Cooling	Capacity	kW	25.4	28.9	34.8	41.5	46.4
	Capacity	kBtu/h	86.7	98.5	118.7	141.5	158.2
	Input	kW	5.92	6.9	8.5	11.1	12.9
	Current	A	9.7	11.1	13.5	17.7	20.6
	EER	W/W	4.29	4.17	4.12	3.74	3.61
Heating	Capacity	kW	28.1	32.4	37.9	45.8	51.1
	Capacity	kBtu/h	95.8	110.5	129.2	156.2	174.3
	Input	kW	6.4	7.4	8.91	11.9	13.0
	Current	A	10.3	11.9	15	19.0	20.7
	COP	W/W	4.37	4.37	4.25	3.86	3.94
Max. Input Consumption		kW	14.02	14.38	14.73	16.91	22.68
Max. Current		A	23.1	23.7	25.1	28.4	36.8
Outdoor Air Flow		m	15000	15000	15000	15000	15600
Outdoor Sound Pressure Level		dB(A)	57	57	59	60	61
Piping Liquid Side/ Gas Side		mm	ø12.7/ø25.4	ø12.7/ø25.4	ø12.7/ø25.4	ø12.7/ø28.58	ø12.7/ø28.58
Dimensions	Unit (W*D*H)	mm	1350*720*1690	1350*720*1690	1350*720*1690	1350*720*1690	1350*720*1690
Net/Gross weight		kg	278/303	278/303	278/303	282/307	324/349
Qty per 20'/40'/40'HQ		Pieces	7/14/14	7/14/14	7/14/14	7/14/14	7/14/14

Model NAME		YV2VYH050KASFD-1	YV2VYH056KASFD-1	YV2VYH061KASFD-1	YV2VYH068KASFD-1	
Power Supply		3Ph/380-400V/50-60Hz				
	Ph-V-Hz					
Cooling	Capacity	kW	51.5	57.8	63.7	70.4
	Capacity	kBtu/h	175.6	197.1	217.2	240.1
	Input	kW	14.9	16.6	19.1	21.7
	Current	A	23.9	26.6	30.5	34.7
	EER	W/W	3.45	3.48	3.34	3.25
Heating	Capacity	kW	57.2	63.7	70.1	73.9
	Capacity	kBtu/h	195.1	217.2	239.0	252.0
	Input	kW	15.2	16.6	18.8	19.1
	Current	A	24.2	26.5	30.1	30.6
	COP	W/W	3.77	3.85	3.73	3.87
Max. Input Consumption		kW	22.1	25.19	30.56	37.47
Max. Current		A	36.2	41.1	49.7	60.5
Outdoor Air Flow		m	16200	16200	16200	16200
Outdoor Sound Pressure Level		dB(A)	62	62	62	63
Piping Liquid Side/ Gas Side		mm	ø12.7/ø28.58	ø12.7/ø28.58	ø12.7/ø28.58	ø12.7/ø28.58
Dimensions	Unit (W*D*H)	mm	1350*720*2048	1350*720*2048	1350*720*2048	1350*720*2048
Net/Gross weight		kg	343/368	343/368	369/394	369/394
Qty per 20'/40'/40'HQ		Pieces	7/14/14	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