



MRV IV-C

| 013 Features & Benefits
| 023 MRV IV Outdoor



FEATURES & BENEFITS

MRV milestones & MRV IV line up

Largest capacity single module

24 HP 1 Unit Capacity

Combinations

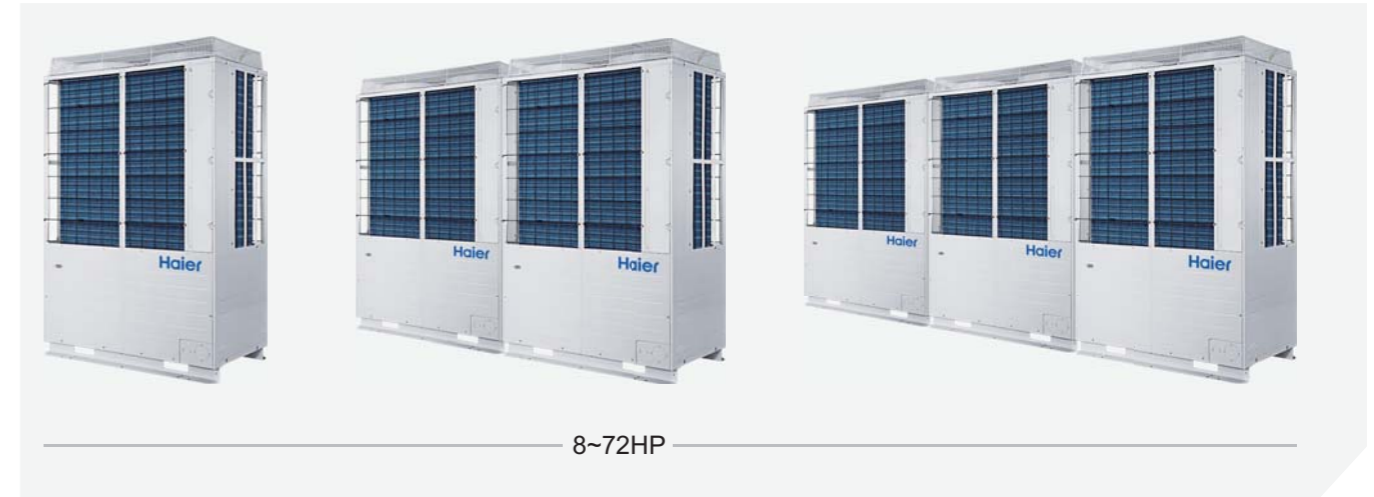
Capacity: 8,10,12,14,16HP

Capacity: 18,20,22,24HP

Single module line-up

MRV milestones & MRV IV line up

Combination line-up



- ▶ Max 3 modules combination 72HP, every 2HP one model.
- ▶ Footprint of 72HP only 2.92m², 50% size reduced

8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72			
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

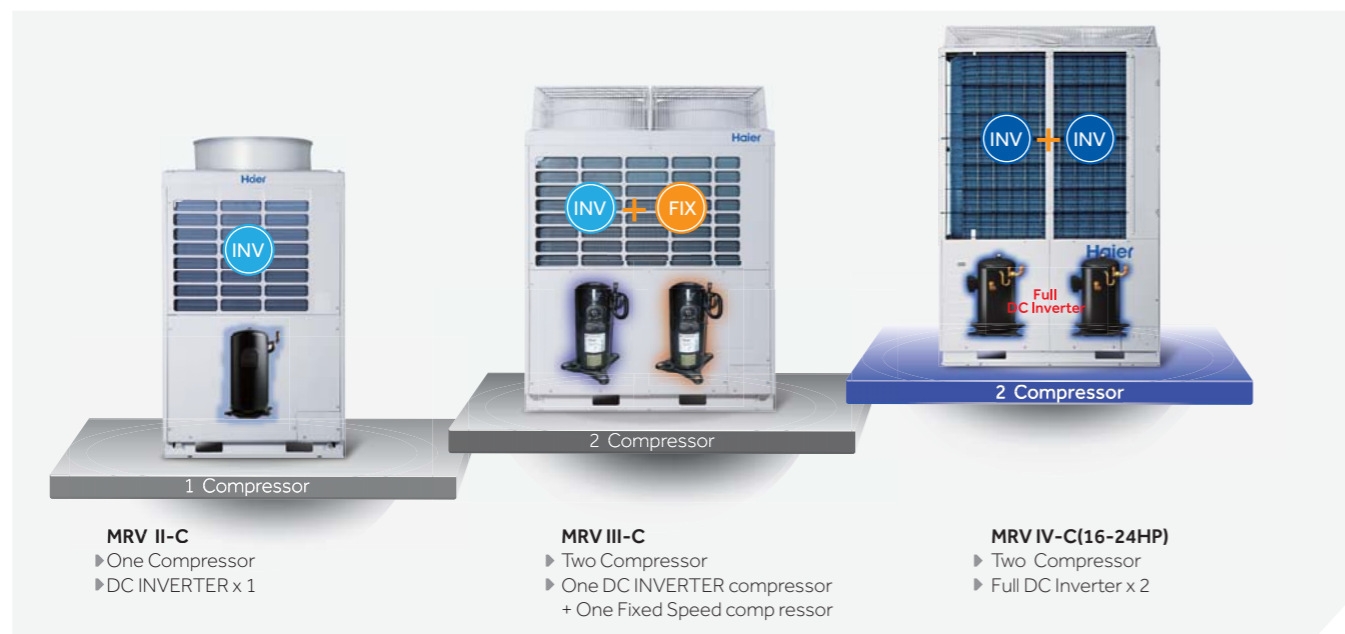


FEATURES & BENEFITS

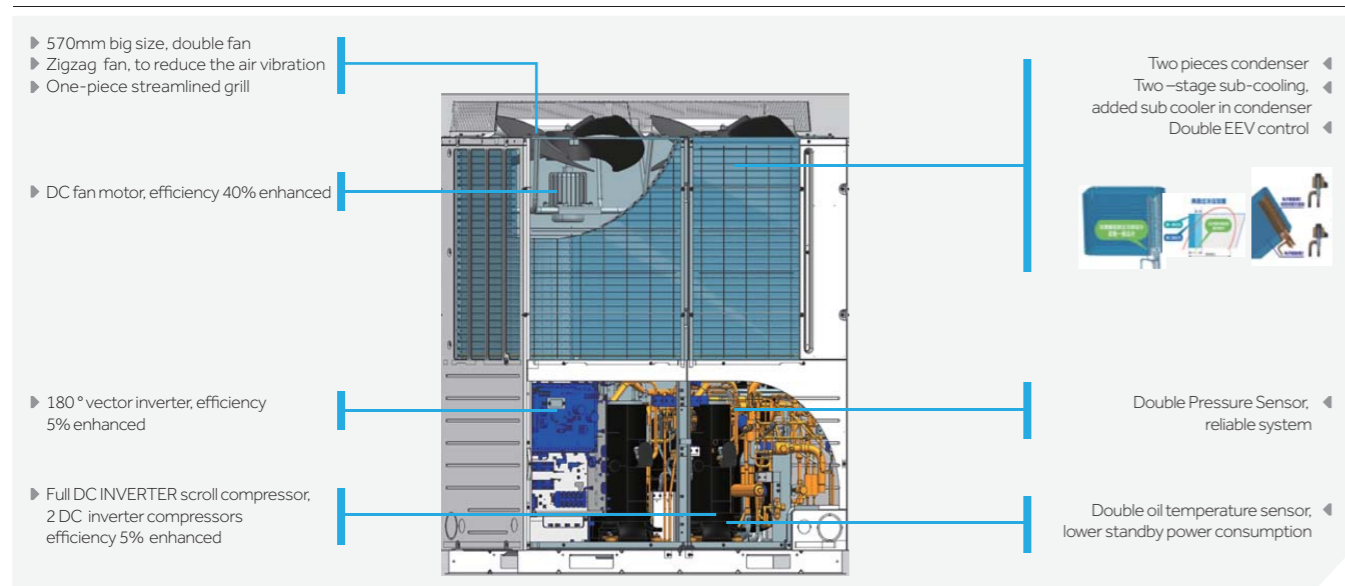
Full DC Inverter High Efficiency

- 1 Full DC Inverter technology
- 2 Key parts to support full DC inverter technology
- 3 High efficiency

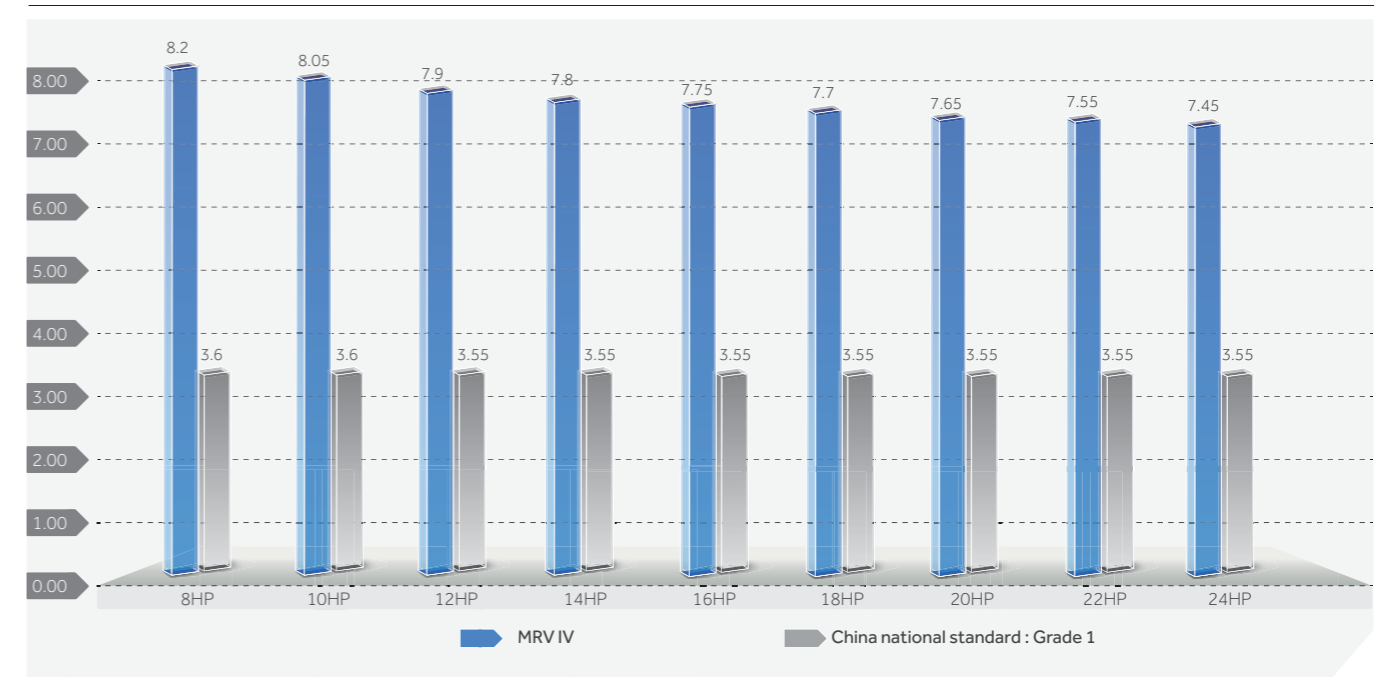
Full DC inverter technology



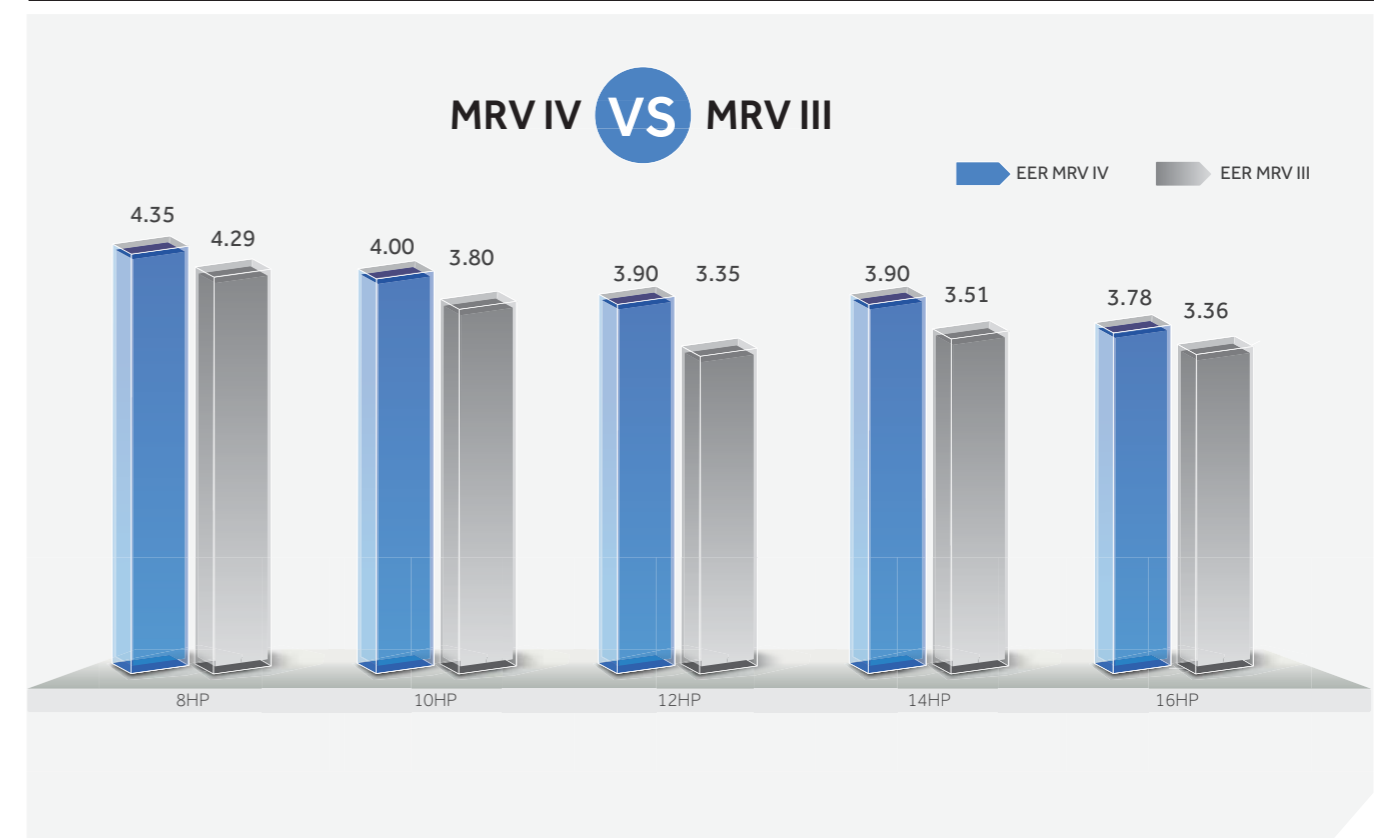
Full new outlook, full DC inverter technology key parts



IPLV(c) up to 8.2, average IPLV(c) up to 7.7, low running cost



Higher energy efficiency than MRV III

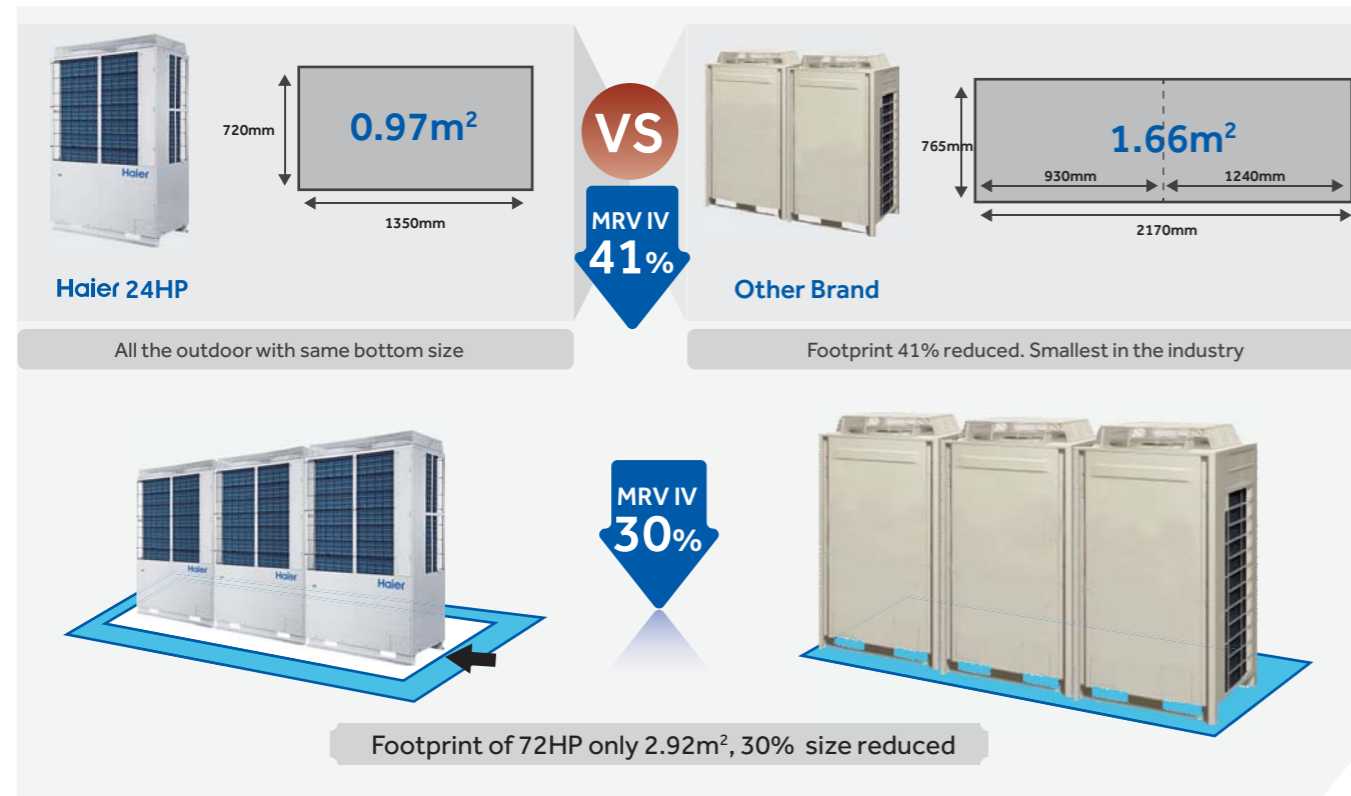


FEATURES & BENEFITS

Easy Installation

- 1 Largest capacity single module, smallest footprint
- 2 Long pipe length, high height drop
- 3 High outdoor ESP

Largest capacity single module in the industry: 24HP ,
Smallest footprint in the industry : 0.97m²



82Pa ESP, Long air duct connecting available



Long pipe length, high height drop



- Max. pipe length **1000m**^{*1} Standard 500m
- Max. Single pipe length **165m** (equivalent pipe **190m**)
- Max. Height drop between ID and OD **Max. 110m/90m**^{*2} Standard 50m/40m
- Max height drop between ID **Max 30m**^{*3} (Standard 18m)

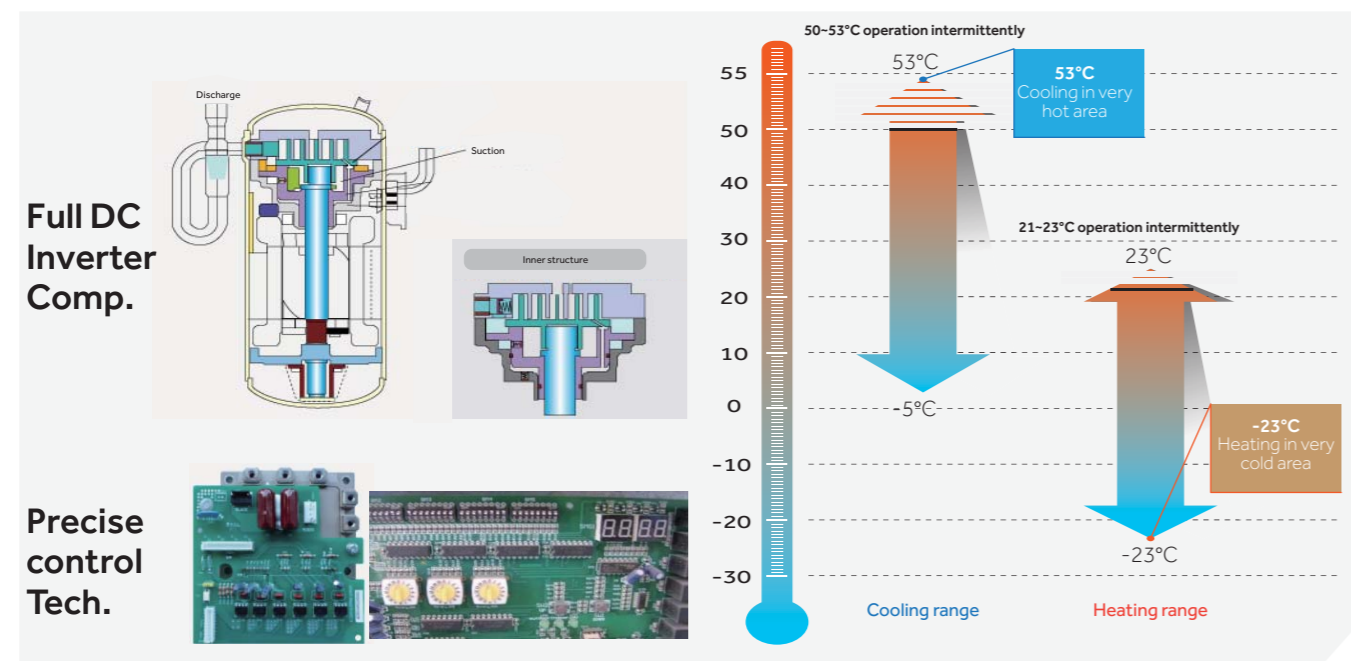
^{*1} ^{*2} ^{*3} Need contact your local distributor/dealer for individual design.

FEATURES & BENEFITS

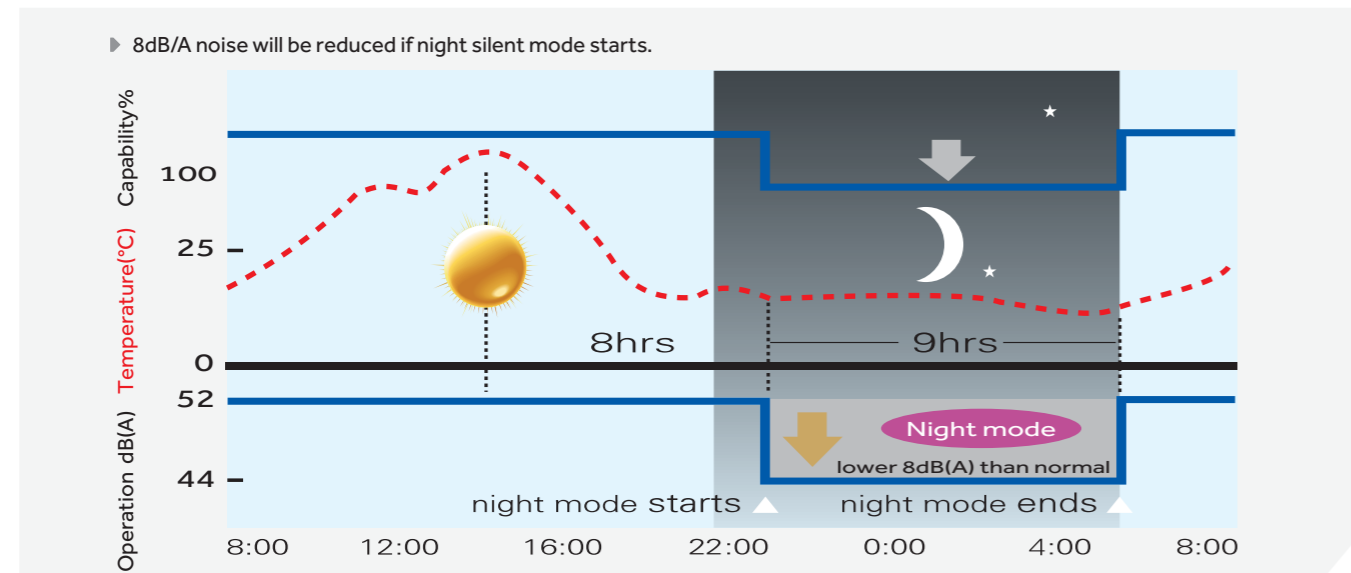
Comfort

- 1 Wide operation range
- 2 Low noise, night silent running
- 3 Optimal temperature control

Wide operation range, -23°C heating, 53°C cooling

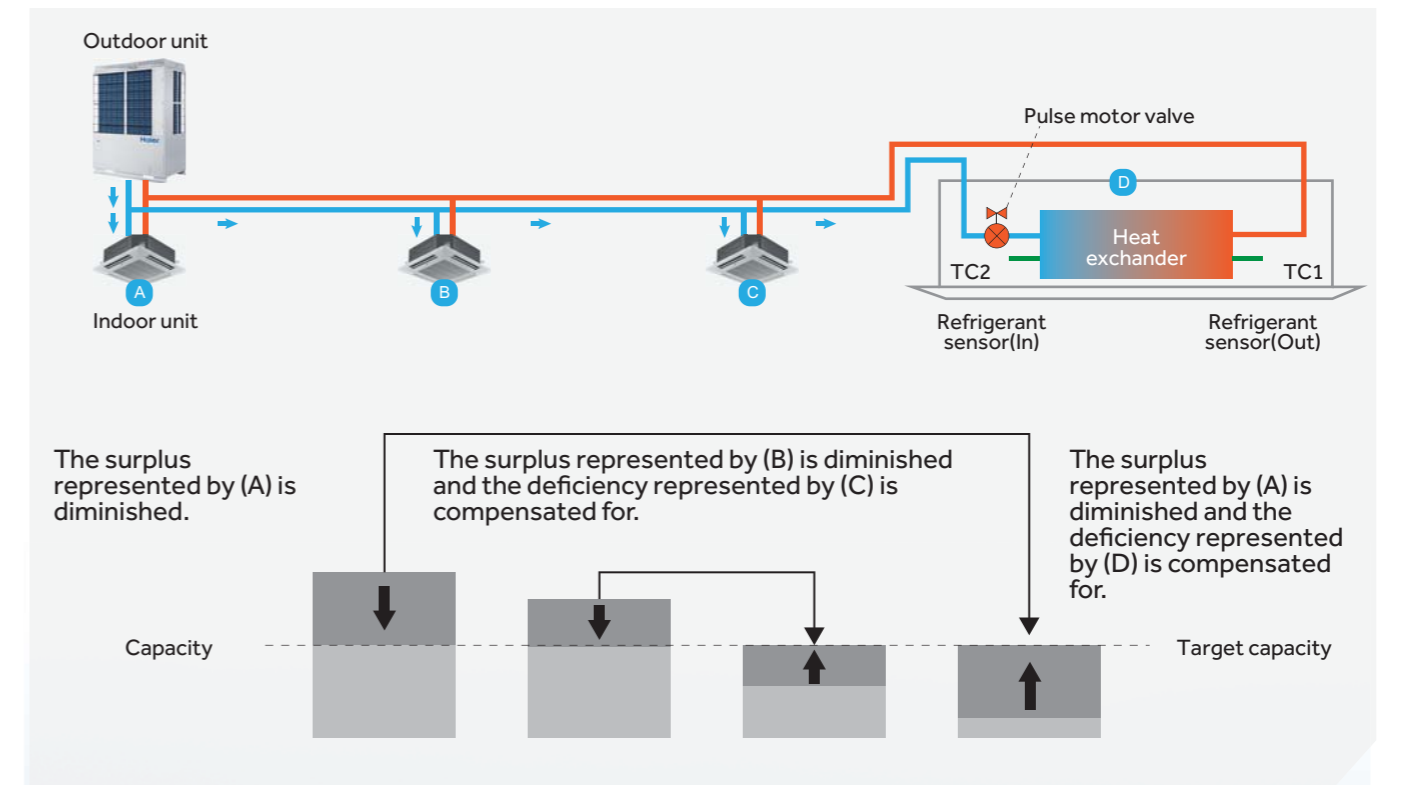


Low noise and night silent running



Optimal Temperature Control

- When a multiple number of indoor units are connected, an insufficient or excess amount of refrigerant may be supplied to indoor units depending on the difference in length of the piping connection from outdoor units
- Optimal refrigerant control uses the indoor coil temperature to detect the air conditioning status of each indoor unit and control the capacity(refrigerant amounts) very precisely



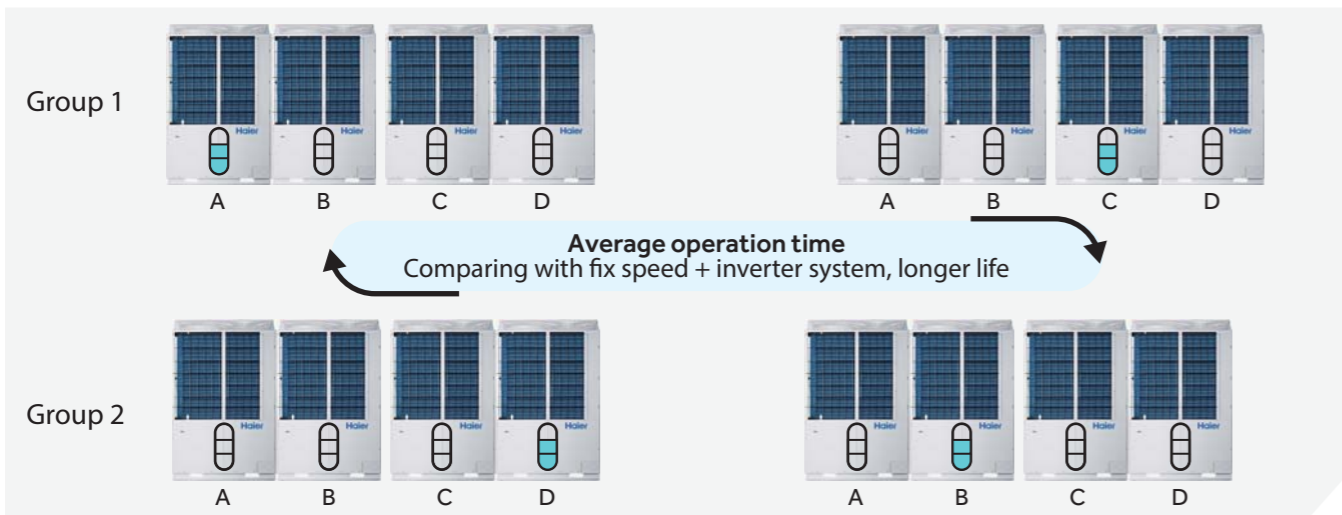
FEATURES & BENEFITS

High Reliability

- 1 Recycling operation
- 2 2 stage oil return
- 3 Oil temperature sensor
- 4 Double Pressure sensor
- 5 Thunder Protection

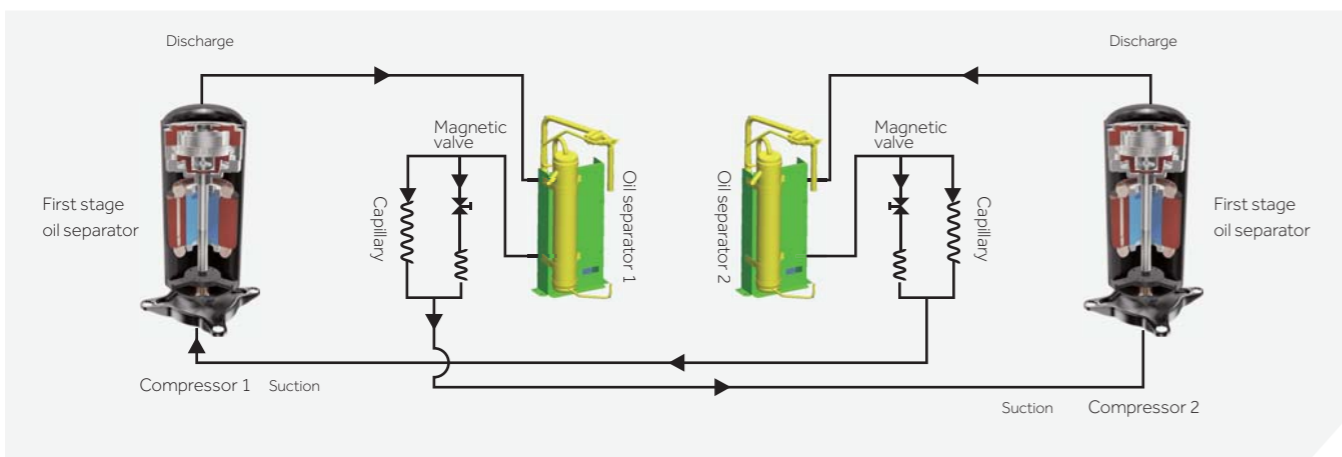
Recycling operation

Recycling operation, longer life of compressor



Oil Return

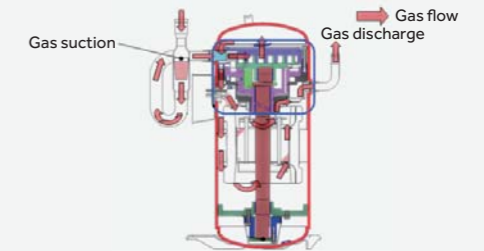
If the compressor operate at low frequency, oil return is only through the capillary. If the compressor operate at high frequency, oil return is through the capillary and magnetic valve.



Compressor double protection

Base on the basic gas discharge sensor, MRV IV add the oil temperature sensor at the bottom of compressor.

- With the oil temperature sensor
- Control the on/off of heater of compressor, preventing from the liquid shock of compressor
- Judge if the liquid refrigerant enter into the compressor
- Compressor oil sub heating protection.
- High pressure sensor for every compressor so for the module with 2 compressors ,there are 2 high pressure sensors and 1 low pressure sensors, total 3 sensors



Thunder protection

There are electricity discharge wire in the terminal block, to lead the abnormal voltage into the earth, then to prevent the thunder affect.



Cloud Service Platform

- 1 Cloud Service

Cloud Service



- 7*24 on-line service
- Intelligent service: failure remind, maintenance mind information
- Energy saving: real-time data saving, provide energy saving solution according to data analysis.

50/60Hz-380~400V-3Ph



8/10/12/14/16HP



18/20/22/24HP



- Single Module: 8/10/12/14/16HP, 18/20/22/24HP
- Combination Module: 26-72HP, 2-3 modules
- Full DC INVERTER technology
- Max. 1000m total pipe length, Max. 110m height drop
- Compatible with all the MRV indoor units.



Model		AV08NMMEA	AV10NMMEA	AV12NMMEA	AV14NMMEA	AV16NMMEA	AV18NMMEA	AV20NMMEA	AV22NMMEA	AV24NMMEA	AV26NMMEA	AV28NMMEA	AV30NMMEA	AV32NMMEA	AV34NMMEA	AV36NMMEA	AV38NMMEA	AV40NMMEA	AV42NMMEA	AV44NMMEA	AV46NMMEA	AV48NMMEA	
Combination model		/	/	/	/	/	/	/	/	/	AV14NMMEA	AV14NMMEA	AV16NMMEA	AV18NMMEA	AV18NMMEA	AV20NMMEA	AV20NMMEA	AV20NMMEA	AV22NMMEA	AV24NMMEA	AV24NMMEA	AV24NMMEA	
Capacity	Capacity range	HP	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
	Cooling	Rated power input	kW	5.79	7.00	8.59	10.26	11.90	13.62	15.56	17.57	19.71	22.16	25.53	29.53	34.11	39.11	44.11	49.11	54.11	59.11	64.11	69.11
	Heating	Rated power input	kW	27.3	31.5	37.5	45	50	56.5	63	69	73	82.5	90	95	101.5	113	119.5	126	132	136	142	146
	Power supply	Ph/V/Hz	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60
	Cooling	Rated power input	kW	5.79	7.00	8.59	10.26	11.90	13.62	15.56	17.57	19.71	22.16	25.53	29.53	34.11	39.11	44.11	49.11	54.11	59.11	64.11	69.11
		Max power input	kW	14.02	14.38	14.73	16.91	22.68	22.10	25.19	30.56	37.47	31.64	33.81	39.59	39.00	44.78	47.87	47.28	50.37	55.75	62.66	68.03
		Rated current	A	9.57	11.56	14.19	16.94	19.66	22.50	25.69	29.02	32.55	31.12	33.88	36.60	39.43	42.16	45.35	48.19	51.38	54.71	58.24	61.57
		Max current	A	23.09	23.68	25.1	28.4	36.8	36.15	41.1	49.65	60.45	53.5	56.8	65.2	64.55	72.95	77.9	77.25	82.2	90.75	101.55	110.1
	Heating	Rated power input	kW	6.00	7.08	8.72	10.71	12.05	13.95	15.95	18.16	19.47	19.44	21.43	22.76	24.66	26.00	28.00	29.90	31.90	34.11	35.42	37.62
		Max power input	kW	12.72	13.23	13.68	15.60	17.20	22.68	25.19	27.72	28.62	29.28	31.20	32.80	38.28	39.88	42.39	47.87	50.37	52.91	53.81	56.34
		Rated current	A	9.91	11.69	14.40	17.69	19.90	23.04	26.34	29.99	32.15	32.10	35.39	37.59	40.73	42.94	46.24	49.38	52.68	56.33	58.49	62.14
		Max current	A	20.95	21.79	22.1	25.2	27.88	37.8	42	46.05	47.4	47.3	50.4	53.08	63	65.68	69.88	79.8	84	88.05	89.4	93.45
	EER			4.35	4.00	3.90	3.90	3.78	3.70	3.60	3.50	3.45	3.90	3.90	3.84	3.79	3.74	3.68	3.65	3.60	3.55	3.52	3.47
	COP			4.55	4.45	4.30	4.20	4.15	4.05	3.95	3.80	3.75	4.24	4.20	4.17	4.12	4.10	4.04	4.00	3.95	3.87	3.84	3.77
Performance	Air flow (H)	m ³ /h	C:15000/H:13200	C:15000/H:13200	C:15000/H:13200	C:15000/H:13200	C:15600/H:14400	C:16200/H:15000	C:16200/H:15000	C:16200/H:15000	C:16200/H:15000	C:30000/H:26400	C:30000/H:26400	C:30600/H:27600	C:31200/H:28200	C:31480/H:29400	C:31480/H:29400	C:32400/H:30000	C:32400/H:30000	C:32400/H:30000	C:32400/H:30000	C:32400/H:30000	C:32400/H:30000
	Sound pressure level (H)	dB(A)	57	57	59	59.5	61	62	62	62	63	62	62.5	63	64	64.5	64.5	65	65	65	65.5	65.5	66
	Sound power level (H)	dB(A)	73	73	75	76	77	79	79	79	80	79	80	80	81	82	82	83	83	83	83	83	84
	External dimensions (W/D/H)	mm	1350*720*1690	1350*720*1690	1350*720*1690	1350*720*1690	1350*720*1690	1350*720*2048	1350*720*2048	1350*720*2048	1350*720*2048	1350*720*1690	1350*720*1690*2	1350*720*1690	1350*720*1690	1350*720*1690	1350*720*1690	1350*720*2048	1350*720*2048*2	1350*720*2048	1350*720*2048	1350*720*2048	1350*720*2048*2
	Shipping dimensions (W/D/H)	mm	1450*826*1885	1450*826*1885	1450*826*1885	1450*826*1885	1450*826*1885	1450*826*2225	1450*826*2225	1450*826*2225	1450*826*2225	1450*826*1885	1450*826*1885*2	1450*826*1885	1450*826*1885	1450*826*1885	1450*826*1885	1450*826*2225	1450*826*2225*2	1450*826*2225	1450*826*2225	1450*826*2225	1450*826*2225*2
	Net/Shipping weight	kg	276/301	276/301	276/301	279/304	321/346	335/360	335/360	359/384	359/384	276/301	279/304	279/304	279/304	321/346	321/346	335/360	335/360	335/360	335/360	359/384	359/384
	Compressor type		DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL
	Compressor brand		MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC
	Compressor quantity		1INV	1INV	1INV	1INV	2INV	2INV	2INV	2INV	2INV	1INV+1INV	1INV*2	1INV+2INV	1INV+2INV	1INV+2INV	1INV+2INV	1INV+2INV	1INV+2INV	1INV*2	2INV+2INV	2INV+2INV	2INV*2
	Refrigerant type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Refrigerant charge	kg	9.7	9.7	9.7	10	10	10	10	10	10	19.7	20	20	20	20	20	20	20	20	20	20	20
	Refrigerant liquid pipe	mm	9.52	9.52	12.7	12.7	12.7	12.7	12.7	12.7	12.7	15.88	15.88	15.88	15.88	15.88	15.88	19.05	19.05	19.05	19.05	19.05	19.05
	Refrigerant gas pipe	mm	19.05	22.22	25.4	28.58	28.58	28.58	28.58	28.58	28.58	31.8	31.8	31.8	31.8	31.8	31.8	38.1	38.1	38.1	38.1	38.1	38.1
	Oil equalization pipe	mm	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52
	Max. total pipe length *1	m	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
	Standard total pipe length *2	m	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500
	Max. pipe length (Equivalent/Actual)	m	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165
	Max drop between I.U.&O.U. (O.U. up/down) *3	m	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90
	Standard drop between I.U.&O.U.*4	m	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40
	Max drop between I.U. *5	m	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
	Standard drop between I.U.*6	m	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
	External static pressure	Pa	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
	Connectable indoor unit ratio	%	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160
	Maximum number of indoor units		18	20	24	29	33	37	41	45	49	53	58	62	64	64	64	64	64	64	64	64	64
Working temp.	Cooling	°C	(-5-50)																				
	Heating	°C	(-23-21)																				

Max. total pipe length *1: If the total pipe length to all the indoor units is between 500-1000m, you MUST contact your local distributor/dealer for individual design and separate order.
 Standard total pipe length *2: Standard design and production in the factory.
 Max drop between I.U.&O.U. *3: If the height difference between the outdoor and the indoor units is from 50 to 110m, you MUST contact your local distributor/dealer for individual design and production.
 Standard drop between I.U.&O.U.*4: Standard design and production in the factory.
 Max drop between I.U. *5: If the height difference between the indoor units is from 18 to 30m, you MUST contact your local distributor/dealer for individual design and production.
 Standard drop between I.U. *6: Standard design and production in the factory.

* All the specifications are tested under nominal condition (in cooling, indoor temp. is 27 °C DB/19 °C WB; Outdoor temp 35 °C DB/24WB; in heating, indoor temp. is 20 °C DB; in heating, outdoor temp. is 7 °C DB/6 °C WB)

MRV IV-C
MRV III-C
MRV III-RC
MRV S
MRV W
Easy MRV
MRV AHU
MRV Indoor
Control System
Reference Projects

50/60Hz-380~400V-3Ph



72HP



- Single Module: 8/10/12/14/16HP, 18/20/22/24HP
- Combination Module: 26-72HP, 2-3 modules
- Full DC INVERTER technology
- Max. 1000m total pipe length, Max. 110m height drop
- Compatible with all the MRV indoor units.



Model		AV50NMMEUA	AV52NMMEUA	AV54NMMEUA	AV56NMMEUA	AV58NMMEUA	AV60NMMEUA	AV62NMMEUA	AV64NMMEUA	AV66NMMEUA	AV68NMMEUA	AV70NMMEUA	AV72NMMEUA		
Combination model		AV14NMMEUA	AV16NMMEUA	AV16NMMEUA	AV16NMMEUA	AV18NMMEUA	AV20NMMEUA	AV20NMMEUA	AV20NMMEUA	AV20NMMEUA	AV20NMMEUA	AV22NMMEUA	AV24NMMEUA		
		AV18NMMEUA	AV16NMMEUA	AV18NMMEUA	AV20NMMEUA	AV20NMMEUA	AV20NMMEUA	AV20NMMEUA	AV20NMMEUA	AV22NMMEUA	AV24NMMEUA	AV24NMMEUA	AV24NMMEUA		
		AV18NMMEUA	AV20NMMEUA	AV20NMMEUA	AV20NMMEUA	AV20NMMEUA	AV20NMMEUA	AV22NMMEUA	AV24NMMEUA	AV24NMMEUA	AV24NMMEUA	AV24NMMEUA	AV24NMMEUA		
Capacity	Capacity range	HP	52	54	56	58	60	62	64	66	68	70	72		
	Cooling	kW	140.8	146	151.4	157	162.4	168	173.5	180	185.5	192	197.5	204	
	Heating	kW	158	163	169.5	176	182.5	189	195	199	205	209	215	219	
Electrical parameters	Power supply	Ph/V/Hz	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60		
	Cooling	Rated power input	kW	37.50	39.37	41.08	43.02	44.73	46.67	48.68	50.82	52.84	54.98	56.99	59.13
		Max power input	kW	61.10	70.55	69.96	73.05	72.47	75.56	80.93	87.84	93.22	100.13	105.50	112.41
		Rated current	A	61.93	65.01	67.85	71.04	73.88	77.07	80.40	83.93	87.26	90.79	94.12	97.65
	Heating	Rated power input	kW	38.62	40.05	41.95	43.95	45.85	47.85	50.06	51.37	53.57	54.88	57.09	58.40
		Max power input	kW	60.96	59.59	65.07	67.57	73.05	75.56	78.09	78.99	81.53	82.43	84.96	85.86
		Rated current	A	63.77	66.14	69.28	72.58	75.72	79.02	82.67	84.83	88.48	90.64	94.29	96.45
		Max current	A	100.8	97.76	107.68	111.88	121.8	126	130.05	131.4	135.45	136.8	140.85	142.2
		EER		3.75	3.71	3.69	3.65	3.63	3.60	3.56	3.54	3.51	3.49	3.47	3.45
		COP		4.09	4.07	4.04	4.00	3.98	3.95	3.90	3.87	3.83	3.81	3.77	3.75
Performance	Air flow (H)	m ³ /h	C:44440/H:43200	C:44440/H:43480	C:48000/H:44400	C:48000/H:44400	C:48600/H:45000	C:48600/H:45000	C:48600/H:45000	C:48600/H:45000	C:48600/H:45000	C:48600/H:45000	C:48600/H:45000		
	Sound pressure level (H)	dB(A)	66	66	66.5	66.5	67	67	67	67	67.5	67.5	68		
	Sound power level (H)	dB(A)	84	84	85	85	85	85	85	85	86	86	86		
Installation	External dimensions (W/D/H)	mm	1350×720×1690 +(1350×720×2048)*2	(1350×720×1690)*2 +(1350×720×2048)	(1350×720×1690) +(1350×720×2048)	(1350×720×1690) +(1350×720×2048)*2	(1350×720×2048) +(1350×720×2048)*2	(1350×720×2048)*3	(1350×720×2048)*2 +(1350×720×2048)	(1350×720×2048)*2 +(1350×720×2048)	(1350×720×2048) +(1350×720×2048)*2	(1350×720×2048) +(1350×720×2048)*2	(1350×720×2048)*3		
	Shipping dimensions (W/D/H)	mm	1450×826×1885 +(1450×826×2225)*2	(1450×826×1885)*2 +(1450×826×2225)	(1450×826×1885) +(1450×826×2225)	(1450×826×1885) +(1450×826×2225)*2	(1450×826×2225) +(1450×826×2225)*2	(1450×826×2225)*3	(1450×826×2225)*2 +(1450×826×2225)	(1450×826×2225)*2 +(1450×826×2225)	(1450×826×2225) +(1450×826×2225)*2	(1450×826×2225) +(1450×826×2225)*2	(1450×826×2225)*3		
	Net/Shipping weight	kg	279/304+(335/360)*2	(321/346)*2+(335/360)	(321/346)+(335/360)+(335/360)	(321/346)+(335/360)*2	(335/360)+(335/360)*2	(335/360)*3	(335/360)*2+(359/384)	(335/360)+(359/384)	(335/360)+(359/384)	(335/360)+(359/384)*2	(335/360)+(359/384)*2	(359/384)*3	
	Compressor type		DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL	DC INV. SCROLL		
	Compressor brand		MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC	MITSUBISHI ELECTRIC		
	Compressor quantity		1INV+2INV*2	2INV*2+2INV	2INV+2INV+2INV	2INV+2INV*2	2INV+2INV*2	2INV*3	2INV*2+2INV	2INV*2+2INV	2INV+2INV+2INV	2INV+2INV*2	2INV+2INV*3		
	Refrigerant type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A		
	Refrigerant charge	kg	30	30	30	30	30	30	30	30	30	30	30		
	Refrigerant liquid pipe	mm	22.22	22.22	22.22	22.22	22.22	22.22	22.22	22.22	22.22	22.22	22.22		
	Refrigerant gas pipe	mm	41.3	41.3	41.3	41.3	41.3	44.5	44.5	44.5	44.5	44.5	44.5		
	Oil equalization pipe	mm	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52		
	Max. total pipe length *1	m	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000		
	Standard total pipe length *2	m	500	500	500	500	500	500	500	500	500	500	500		
Max. pipe length (Equivalent/Actual)	m	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165	190/165			
Max drop between I.U.&O.U (O.U up/down) *3	m	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90	110/90			
Standard drop between I.U.&O.U*4	m	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40			
Max drop between I.U. *5	m	30	30	30	30	30	30	30	30	30	30	30			
Standard drop between I.U.*6	m	18	18	18	18	18	18	18	18	18	18	18			
External static pressure	Pa	82	82	82	82	82	82	82	82	82	82	82			
Connection ratio	Connectable indoor unit ratio	%	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160	50-160		
	Maximum number of indoor units		64	64	64	64	64	64	64	64	64	64	64		
Working temp.	Cooling	°C	(-5-50)												
	Heating	°C	(-23-21)												

Max. total pipe length *1 If the total pipe length to all the indoor units is between 500-1000m, you MUST contact your local distributor/dealer for individual design and separate order.
Standard total pipe length *2 Standard design and production in the factory.
Max drop between I.U.&O.U. *3 If the height difference between the outdoor and the indoor units is from 50 to 110m, you MUST contact your local distributor/dealer for individual design and production.

Standard drop between I.U.&O.U. *4 Standard design and production in the factory.
Max drop between I.U. *5 If the height difference between the indoor units is from 18 to 30m, you MUST contact your local distributor/dealer for individual design and production.
Standard drop between I.U. *6 Standard design and production in the factory.

* All the specifications are tested under nominal condition (in cooling, indoor temp. is 27 °C DB/19 °C WB; Outdoor temp 35 °C DB/24WB; in heating, indoor temp. is 20 °C DB; in heating, outdoor temp. is 7 °C DB/6 °C WB)