



MRV*III* **PLUS**
DC FAN MOTOR

- Full DC Inverter Technology
- Max. 4 modules combination 64HP
- Total pipe length 500m, height drop 50m
- Without oil balancing pipe



069 Features & Benefits
073 Outdoor Specification

MRV III PLUS 3/380~400/50(60)



AV08IMSEVA
AV10IMSEVA

8/10HP



AV12IMSEVA
AV14IMSEVA
AV16IMSEVA

12/14/16HP

Model			AV08IMSEVA	AV10IMSEVA	AV12IMSEVA	AV14IMSEVA	AV16IMSEVA
Combination model			/	/	/	/	/
			/	/	/	/	/
			/	/	/	/	/
			/	/	/	/	/
Capacity	Capacity range	HP	8	10	12	14	16
	Cooling	kW	25.2	28	33.5	40	45
	Heating	kW	27.3	31.5	37.5	45	50
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)
	Cooling	Rated power input	kW	5.83	7.18	9.24	10.8
		Max power input	kW	14.02	14.38	16.58	16.91
		Rated current	A	9.6	11.9	15.1	17.4
		Max current	A	23.1	23.7	27.1	28.4
	Heating	Rated power input	kW	6.21	7.5	9.32	11.14
		Max power input	kW	12.72	13.23	15.2	15.6
		Rated current	A	10.2	12.4	15.2	18
		Max current	A	21	21.8	24.8	25.2
	EER		4.32	3.90	3.63	3.70	3.57
	COP		4.40	4.20	4.02	4.04	3.92
	SEER		5.74	5.69	5.65	5.57	5.53
	SCOP		4.36	4.31	4.29	4.20	4.15
Performance	Air flow(H)	m³/h	12200	12200	14100	15200	15200
	Sound pressure level (H)	dB(A)	57	57	59	59	60
	Sound power level (H)	dB(A)	73	73	76	76	76
Installation	External dimensions(W/D/H)	mm	990/750/1808	990/750/1808	1390/750/1808	1390/750/1808	1390/750/1808
	Shipping dimensions(W/D/H)	mm	1090/860/1990	1090/860/1990	1490/860/1990	1490/860/1990	1490/860/1990
	Net/Shipping weight	kg	220/236	220/236	276/295	276/295	296/315
	Compressor type		DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL
	Compressor brand		DAIKIN	DAIKIN	DAIKIN	DAIKIN	DAIKIN
	Compressor quantity		1 INV	1 INV	1 INV	1 INV	1 INV
	Refrigerant type		R410A	R410A	R410A	R410A	R410A
	Refrigerant charge	kg	7	7	8.5	8.5	10
	Refrigerant liquid pipe	mm	9.52	9.52	12.7	12.7	12.7
	Refrigerant gas pipe	mm	19.05	22.22	25.4	25.4	28.58
	Oil equalization pipe	mm	/	/	/	/	/
	Total pipe length	m	500	500	500	500	500
	Max. pipe length(Equivalent/Actual)	m	175/150	175/150	175/150	175/150	175/150
	Max drop between I.U.&O.U	m	50/40	50/40	50/40	50/40	50/40
	External static pressure	pa	50	50	50	50	50
Connection Ratio	Connectable indoor unit ratio	%	50~130	50~130	50~130	50~130	50~130
	Maximum number of indoor units		13	16	19	23	26
Working temp.	Cooling (DB)	°C	-5~45	-5~45	-5~45	-5~45	-5~45
	Heating (WB)	°C	-20~21	-20~21	-20~21	-20~21	-20~21

*1 Outdoor above 50m, outdoor below 40m.

- Dual Frequency 50/60Hz-380~400V-3Ph
- DC Inverter Scroll Compressor & BLDC Fan
- Basic Modular Units: 8HP, 10HP,12HP, 14HP, 16HP
- Free Combination up to 64HP with Incremental 2HP
- Max. Indoor Units up to 64

Model			AV18IMSEVA	AV20IMSEVA	AV22IMSEVA	AV24IMSEVA	AV26IMSEVA
Combination model			AV08IMSEVA	AV10IMSEVA	AV10IMSEVA	AV10IMSEVA	AV12IMSEVA
			AV10IMSEVA	AV10IMSEVA	AV12IMSEVA	AV14IMSEVA	AV14IMSEVA
			/	/	/	/	/
			/	/	/	/	/
Capacity	Capacity range	HP	18	20	22	24	26
	Cooling	kW	53.2	56	61.5	68	73.5
	Heating	kW	58.8	63	69	76.5	82.5
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)
	Cooling	Rated power input	kW	13.01	14.36	16.42	17.98
		Max power input	kW	28.4	28.76	30.96	31.29
		Rated current	A	21.5	23.8	27	29.3
		Max current	A	46.8	47.4	50.8	55.5
	Heating	Rated power input	kW	13.71	15	16.82	18.64
		Max power input	kW	25.95	26.46	28.43	28.83
		Rated current	A	22.6	24.8	27.6	30.4
		Max current	A	42.8	43.6	46.6	47
	EER		4.09	3.90	3.75	3.78	3.67
	COP		4.29	4.20	4.10	4.10	4.03
	SEER		5.65	5.62	5.60	5.56	5.61
	SCOP		4.30	4.27	4.26	4.21	4.17
Performance	Air flow (H)	m³/h	24400	24400	26300	27400	29300
	Sound pressure level (H)	dB(A)	60	60	61	61	61
	Sound power level (H)	dB(A)	77	77	79	79	79
Installation	External dimensions(W/D/H)	mm	990/750/1808+ 990/750/1808	990/750/1808+ 990/750/1808	990/750/1808+ 1390/750/1808	990/750/1808+ 1390/750/1808	1390/750/1808+ 1390/750/1808
	Shipping dimensions(W/D/H)	mm	1090/860/1990+ 1090/860/1990	1090/860/1990+ 1090/860/1990	1090/860/1990+ 1490/860/1990	1090/860/1990+ 1490/860/1990	1490/860/1990+ 1490/860/1990
	Net/Shipping weight	kg	220/236+220/236	220/236+220/236	220/236+276/295	220/236+276/295	276/295+276/295
	Compressor type		DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL
	Compressor brand		DAIKIN	DAIKIN	DAIKIN	DAIKIN	DAIKIN
	Compressor quantity		1 INV +1 INV	1 INV +1 INV	1 INV +1 INV	1 INV +1 INV	1 INV +1 INV
	Refrigerant type		R410A	R410A	R410A	R410A	R410A
	Refrigerant charge	kg	14	14	15.5	15.5	17
	Refrigerant liquid pipe	mm	15.88	15.88	15.88	15.88	19.05
	Refrigerant gas pipe	mm	28.58	28.58	28.58	28.58	31.8
	Oil equalization pipe	mm	/	/	/	/	/
	Total pipe length	m	500	500	500	500	500
	Max. pipe length(Equivalent/Actual)	m	175/150	175/150	175/150	175/150	175/150
	Max drop between I.U.&O.U	m	50/40	50/40	50/40	50/40	50/40
	External static pressure	pa	50	50	50	50	50
Connection Ratio	Connectable indoor unit ratio	%	50~130	50~130	50~130	50~130	50~130
	Maximum number of indoor units		29	33	36	39	43
Working temp.	Cooling (DB)	°C	-5~45	-5~45	-5~45	-5~45	-5~45
	Heating (WB)	°C	-20~21	-20~21	-20~21	-20~21	-20~21

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

MRV III PLUS 3/380~400/50(60)



Model			AV28IMSEVA	AV30IMSEVA	AV32IMSEVA	AV34IMSEVA	AV36IMSEVA
Combination model			AV14IMSEVA	AV14IMSEVA	AV16IMSEVA	AV10IMSEVA	AV10IMSEVA
			AV14IMSEVA	AV16IMSEVA	AV16IMSEVA	AV10IMSEVA	AV10IMSEVA
			/	/	/	AV14IMSEVA	AV16IMSEVA
			/	/	/	/	/
Capacity	Capacity range	HP	28	30	32	34	36
	Cooling	kW	80	85	90	96	101
	Heating	kW	90	95	100	108	113
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)
	Cooling	Rated power input	kW	21.6	23.41	25.22	25.16
		Max power input	kW	33.82	36.9	39.98	45.67
		Rated current	A	34.8	37.6	40.4	44
		Max current	A	56.8	60	63.2	79
	Heating	Rated power input	kW	22.28	23.88	25.48	26.14
		Max power input	kW	31.2	32.7	34.2	42.06
		Rated current	A	36	38.4	40.8	42.8
		Max current	A	50.4	52.5	54.6	68.8
	EER			3.70	3.63	3.57	3.82
	COP			4.04	3.98	3.92	4.13
	SEER			5.52	5.50	5.47	5.58
	SCOP			4.16	4.13	4.11	4.23
Performance	Air flow (H)	m³/h	30400	30400	30400	39600	39600
	Sound pressure level (H)	dB(A)	62	62	62	63	63
	Sound power level (H)	dB(A)	80	80	80	82	82
Installation	External dimensions(W/D/H)	mm	1390/750/1808+ 1390/750/1808	1390/750/1808+ 1390/750/1808	1390/750/1808+ 1390/750/1808	990/750/1808+ 990/750/1808+ 1390/750/1808	990/750/1808+ 990/750/1808+ 1390/750/1808
	Shipping dimensions(W/D/H)	mm	1490/860/1990+ 1490/860/1990	1490/860/1990+ 1490/860/1990	1490/860/1990+ 1490/860/1990	1090/860/1990+ 1090/860/1990+ 1490/860/1990	1090/860/1990+ 1090/860/1990+ 1490/860/1990
	Net/Shipping weight	kg	276/295+276/295	276/295+296/315	296/315+296/315	220/236+220/236+276/295	220/236+220/236+296/315
	Compressor type		DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL
	Compressor brand		DAIKIN ELECTRIC	DAIKIN ELECTRIC	DAIKIN ELECTRIC	DAIKIN 1 INV +1 INV+1 INV	DAIKIN ELECTRIC
	Compressor quantity		1 INV +1 INV	1 INV +1 INV	1 INV +1 INV	R410A	1 INV +1 INV+1 INV
	Refrigerant type		R410A	R410A	R410A	22.5	R410A
	Refrigerant charge	kg	17	18.5	20	19.05	24
	Refrigerant liquid pipe	mm	19.05	19.05	19.05	31.8	19.05
	Refrigerant gas pipe	mm	31.8	31.8	31.8	/	38.1
	Oil equalization pipe	mm	/	/	/	500	/
	Total pipe length	m	500	500	500	175/150	500
	Max. pipe length(Equivalent/Actual)	m	175/150	175/150	175/150	50/40	175/150
	Max drop between I.U.&O.U	m	50/40	50/40	50/40	50	50/40
	External static pressure	pa	50	50	50	50~130	50
Connection Ratio	Connectable indoor unit ratio	%	50~130	50~130	50~130	56	50~130
	Maximum number of indoor units		46	50	53	-5~45	59
Working temp.	Cooling (DB)	°C	-5~45	-5~45	-5~45	-20~21	-5~45
	Heating (WB)	°C	-20~21	-20~21	-20~21		-20~21

*1 Outdoor above 50m, outdoor below 40m.

- Dual Frequency 50/60Hz-380~400V-3Ph
- DC Inverter Scroll Compressor & BLDC Fan
- Basic Modular Units: 8HP, 10HP,12HP, 14HP, 16HP
- Free Combination up to 64HP with Incremental 2HP
- Max. Indoor Units up to 64

Model			AV38IMSEVA	AV40IMSEVA	AV42IMSEVA	AV44IMSEVA	AV46IMSEVA
Combination model			AV10IMSEVA	AV10IMSEVA	AV10IMSEVA	AV12IMSEVA	AV14IMSEVA
			AV12IMSEVA	AV14IMSEVA	AV16IMSEVA	AV16IMSEVA	AV16IMSEVA
			AV16IMSEVA	AV16IMSEVA	AV16IMSEVA	AV16IMSEVA	AV16IMSEVA
			/	/	/	/	/
Capacity	Capacity range	HP	38	40	42	44	46
	Cooling	kW	106.5	113	118	123.5	130
	Heating	kW	119	126.5	131.5	137.5	145
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)
	Cooling	Rated power input	kW	29.03	30.59	32.4	34.46
		Max power input	kW	50.95	51.28	54.36	56.89
		Rated current	A	47.2	49.5	52.3	55.5
		Max current	A	82.4	83.7	86.9	91.6
	Heating	Rated power input	kW	29.56	31.38	32.98	34.8
		Max power input	kW	45.53	45.93	47.43	49.4
		Rated current	A	48	50.8	53.2	56
		Max current	A	73.9	74.3	76.4	79.4
	EER			3.67	3.69	3.64	3.58
	COP			4.03	4.03	3.99	3.95
	SEER			5.55	5.52	5.51	5.50
	SCOP			4.20	4.17	4.15	4.15
Performance	Air flow (H)	m³/h	41500	42600	42600	44500	45600
	Sound pressure level (H)	dB(A)	64	64	64	65	65
	Sound power level (H)	dB(A)	82	82	82	84	84
Installation	External dimensions(W/D/H)	mm	990/750/1808+ 1390/750/1808+ 1390/750/1808	990/750/1808+ 1390/750/1808+ 1390/750/1808	990/750/1808+ 1390/750/1808+ 1390/750/1808	1390/750/1808+ 1390/750/1808+ 1390/750/1808	1390/750/1808+ 1390/750/1808+ 1390/750/1808
	Shipping dimensions(W/D/H)	mm	1090/860/1990+ 1490/860/1990+ 1490/860/1990	1090/860/1990+ 1490/860/1990+ 1490/860/1990	1090/860/1990+ 1490/860/1990+ 1490/860/1990	1490/860/1990+ 1490/860/1990+ 1490/860/1990	1490/860/1990+ 1490/860/1990+ 1490/860/1990
	Net/Shipping weight	kg	220/236+276/295+296/315	220/236+276/295+296/315	220/236+296/315+296/315	276/295+296/315+296/315	276/295+296/315+296/315
	Compressor type		DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL
	Compressor brand		DAIKIN ELECTRIC	DAIKIN ELECTRIC	DAIKIN ELECTRIC	DAIKIN ELECTRIC	DAIKIN ELECTRIC
	Compressor quantity		1 INV +1 INV+1 INV	1 INV +1 INV+1 INV	1 INV +1 INV+1 INV	1 INV +1 INV+1 INV	1 INV +1 INV+1 INV
	Refrigerant type		R410A	R410A	R410A	R410A	R410A
	Refrigerant charge	kg	25.5	25.5	27	28.5	28.5
	Refrigerant liquid pipe	mm	19.05	19.05	19.05	19.05	19.05
	Refrigerant gas pipe	mm	38.1	38.1	38.1	38.1	38.1
	Oil equalization pipe	mm	/	/	/	/	/
	Total pipe length	m	500	500	500	500	500
	Max. pipe length(Equivalent/Actual)	m	175/150	175/150	175/150	175/150	175/150
	Max drop between I.U.&O.U	m	50/40	50/40	50/40	50/40	50/40
	External static pressure	pa	50	50	50	50	50
Connection Ratio	Connectable indoor unit ratio	%	50~130	50~130	50~130	50~130	50~130
	Maximum number of indoor units		63	64	64	64	64
Working temp.	Cooling (DB)	°C	-5~45	-5~45	-5~45	-5~45	-5~45
	Heating (WB)	°C	-20~21	-20~21	-20~21	-20~21	-20~21

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

MRV III PLUS 3/380~400/50(60)



Model			AV48IMSEVA	AV50IMSEVA	AV52IMSEVA	AV54IMSEVA	AV56IMSEVA
Combination model			AV16IMSEVA	AV10IMSEVA	AV10IMSEVA	AV10IMSEVA	AV10IMSEVA
			AV16IMSEVA	AV10IMSEVA	AV10IMSEVA	AV12IMSEVA	AV14IMSEVA
			AV16IMSEVA	AV14IMSEVA	AV16IMSEVA	AV16IMSEVA	AV16IMSEVA
			/	AV16IMSEVA	AV16IMSEVA	AV16IMSEVA	AV16IMSEVA
Capacity	Capacity range	HP	48	50	52	54	56
	Cooling	kW	135	141	146	151.5	158
	Heating	kW	150	158	163	169	176.5
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)
	Cooling	Rated power input	kW	37.83	37.77	39.58	41.64
		Max power input	kW	59.97	65.66	68.74	71.27
		Rated current	A	60.6	61.4	64.2	67.4
		Max current	A	94.8	107.4	110.6	115.3
	Heating	Rated power input	kW	38.22	38.88	40.48	42.3
		Max power input	kW	51.3	59.16	60.66	62.63
		Rated current	A	61.2	63.2	65.6	68.4
		Max current	A	81.9	96.1	98.2	101.2
	EER			3.57	3.73	3.69	3.64
	COP			3.92	4.06	4.03	4.00
	SEER			5.48	5.55	5.54	5.53
	SCOP			4.11	4.19	4.17	4.15
Performance	Air flow (H)	m³/h	45600	54800	54800	56700	57800
	Sound pressure level (H)	dB(A)	65	65	66	66	66
	Sound power level (H)	dB(A)	84	87	87	87	87
Installation	External dimensions(W/D/H)	mm	1390/750/1808+ 1390/750/1808+ 1390/750/1808	990/750/1808*2+ 1390/750/1808*2	990/750/1808*2+ 1390/750/1808*2	990/750/1808+ 1390/750/1808*3	990/750/1808+ 1390/750/1808*3
	Shipping dimensions(W/D/H)	mm	1490/860/1990+ 1490/860/1990+ 1490/860/1990	1090/860/1990*2+ 1490/860/1990*2	*1090/860/1990*2+ 1490/860/1990*2	1090/860/1990+ 1490/860/1990*3	1090/860/1990+ 1490/860/1990*3
	Net/Shipping weight	kg	296/315+296/315+296/315	220/236+220/236+276/295+296/315	220/236+220/236+296/315+296/315	220/236+276/295+296/315+296/315	220/236+276/295+296/315+296/315
	Compressor type		DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL
	Compressor brand		DAIKIN	DAIKIN	DAIKIN	DAIKIN	DAIKIN
	Compressor quantity		1 INV +1 INV+1 INV	1 INV +1 INV+1 INV+1 INV	1 INV +1 INV+1 INV+1 INV	1 INV +1 INV+1 INV+1 INV	1 INV +1 INV+1 INV+1 INV
	Refrigerant type		R410A	R410A	R410A	R410A	R410A
	Refrigerant charge	kg	30	32.5	34	35.5	35.5
	Refrigerant liquid pipe	mm	19.05	19.05	19.05	19.05	19.05
	Refrigerant gas pipe	mm	38.1	38.1	38.1	38.1	41.3
	Oil equalization pipe	mm	/	/	/	/	/
	Total pipe length	m	500	500	500	500	500
	Max. pipe length(Equivalent/Actual)	m	175/150	175/150	175/150	175/150	175/150
	Max drop between I.U.&O.U	m	50/40	50/40	50/40	50/40	50/40
	External static pressure	pa	50	50	50	50	50
Connection Ratio	Connectable indoor unit ratio	%	50~130	50~130	50~130	50~130	50~130
	Maximum number of indoor units		64	64	64	64	64
Working temp.	Cooling (DB)	°C	-5~45	-5~45	-5~45	-5~45	-5~45
	Heating (WB)	°C	-20~21	-20~21	-20~21	-20~21	-20~21

*1 Outdoor above 50m, outdoor below 40m.

















- Dual Frequency 50/60Hz-380~400V-3Ph
- DC Inverter Scroll Compressor & BLDC Fan
- Basic Modular Units: 8HP, 10HP,12HP, 14HP, 16HP
- Free Combination up to 64HP with Incremental 2HP
- Max. Indoor Units up to 64


































Model			AV58IMSEVA	AV60IMSEVA	AV62IMSEVA	AV64IMSEVA
Combination model			AV10IMSEVA	AV12IMSEVA	AV14IMSEVA	AV16IMSEVA
			AV16IMSEVA	AV16IMSEVA	AV16IMSEVA	AV16IMSEVA
			AV16IMSEVA	AV16IMSEVA	AV16IMSEVA	AV16IMSEVA
			AV16IMSEVA	AV16IMSEVA	AV16IMSEVA	AV16IMSEVA
Capacity	Capacity range	HP	58	60	62	64
	Cooling	kW	163	168.5	175	180
	Heating	kW	181.5	187.5	195	200
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)
	Cooling	Rated power input	kW	45.01	47.07	48.63
		Max power input	kW	74.35	76.55	79.96
		Rated current	A	72.5	75.7	78
		Max current	A	118.5	121.9	126.4
	Heating	Rated power input	kW	45.72	47.54	49.36
		Max power input	kW	64.53	66.5	66.9
		Rated current	A	73.6	76.4	79.2
		Max current	A	103.7	106.7	107.1
	EER			3.62	3.58	3.60
	COP			3.97	3.94	3.95
	SEER			5.50	5.49	5.48
	SCOP			4.14	4.14	4.12
Performance	Air flow (H)	m³/h	57800	59700	60800	60800
	Sound pressure level (H)	dB(A)	66	66	66	66
	Sound power level (H)	dB(A)	87	87	87	87
Installation	External dimensions(W/D/H)	mm	990/750/1808+ 1390/750/1808*3	1390/750/1808*4	1390/750/1808*4	1390/750/1808*4
	Shipping dimensions(W/D/H)	mm	1090/860/1990+ 1490/860/1990*3	1490/860/1990*4	1490/860/1990*4	1490/860/1990*4
	Net/Shipping weight	kg	220/236+296/315+296/315+296/315	276/295+296/315+296/315+296/315	276/295+296/315+296/315+296/315	296/315+296/315+296/315+296/315
	Compressor type		DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL	DC INV.SCROLL
	Compressor brand		DAIKIN	DAIKIN	DAIKIN	DAIKIN
	Compressor quantity		1 INV +1 INV+1 INV+1 INV	1 INV +1 INV+1 INV+1 INV	1 INV +1 INV+1 INV+1 INV	1 INV +1 INV+1 INV+1 INV
	Refrigerant type		R410A	R410A	R410A	R410A
	Refrigerant charge	kg	37	38.5	38.5	40
	Refrigerant liquid pipe	mm	19.05	19.05	19.05	19.05
	Refrigerant gas pipe	mm	41.3	41.3	41.3	41.3
	Oil equalization pipe	mm	/	/	/	/
	Total pipe length	m	500	500	500	500
	Max. pipe length(Equivalent/Actual)	m	175/150	175/150	175/150	175/150
	Max drop between I.U.&O.U	m	50/40	50/40	50/40	50/40
	External static pressure	pa	50	50	50	50
Connection Ratio	Connectable indoor unit ratio	%	50~130	50~130	50~130	50~130
	Maximum number of indoor units		64	64	64	64
Working temp.	Cooling (DB)	°C	-5~45	-5~45	-5~45	-5~45
	Heating (WB)	°C	-20~21	-20~21	-20~21	-20~21

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































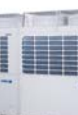
































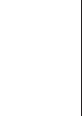
















PRODUCT LINE-UP

(Outdoor Units)

Series	HP	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	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104
MRV 5	3/380~415/50 3/380~415/60																																																											
MRV 5-RC	3/380~415/50 3/380~415/60																																																											













Series	HP	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																
MRV IV (T1)	3/380~400/50 3/380~400/60																																																								
	3/208~230/50 3/208~230/60																																																								
MRV IV (T3)	3/380~400/50 3/380~400/60																																																								

Series	HP	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
MRV III ^{PLUS} (T1)	3/380~400/50 3/380~400/60																																	




Series	HP	8	10	12	14	16	18	20	22	24	26				28	30	32	34	36	38	40	42	44	46	48	
MRV III (T1)	3/208~230/60								 					 			  		  		 		  			
	3/460/60								 					 			  		  		 		  			
MRV III (T3)	3/380~400/50 3/380~400/60								 			 					            									
MRV III-RC	3/380~400/50 3/380~400/60 3/208~230/60								 					 			  		  		 		  			

PRODUCT LINE-UP



(Outdoor Units)

Series	HP	3	4	5	6	7	8	10	12		14	16	18	20	22	24	26	28	30	32	34	36
MRV S'	1/220~240/50 1/220~240/60																					
	3/380~400/50 3/380~400/60																					
MRV S'' (T1)	1/220~240/50 1/220~240/60																					
	3/380~415/50 3/380~415/60																					
	3/380~400/50 3/380~400/60																					
MRV S'' (T3)	1/220~240/50 1/220~240/60																					
	3/380~415/50 3/380~415/60																					
MRV W	3/380~400/50(60) 3/208~230/60																					

EASY MRV

MODEL	MS1-036A	MS1-060A	MS3-036A
Match with indoor	1 by 1	1 by 1	1 by 3
EASY MRV Connection Kit			
Capacity(Btu/h)	≤36K	36K<X≤60K	Every indoor capacity ≤36K
MRV series	MRV 5, MRV IV, MRV III PLUS, MRV III (2-Pipe), MRV S', MRV S' (5/7HP)		

DX AHU Connection Kit

MODEL	AH1-280A	AH1-560A
CAPACITY	14 ≤ x ≤28 kW	28 < x ≤56 kW
		
MRV series	MRV 5, MRV IV, MRV III PLUS, MRV III (2-Pipe), MRV S'' (8/10/12HP)	

PRODUCT LINE-UP

(Indoor Units)

Series	KBTU/h kW		5	7	9	12	16	18	24	28	30	38	42	48	54	72	96
			1.5	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	12.5	14.0	16.0	22.6	28.0
1-Way Cassette		AB**2MAERA															
2- Way Cassette		AB**2MBERA															
MINI 4- Way Cassette		AB**2MCERA(M)															
Round Flow 4-Way Cassette		AB**2MRERA															
4- Way Cassette		AB**2MCERA															
Convertible		AC**2MCERA AC**2MFERA															
Low ESP Slim Duct (0/15/30Pa)		AD**2MSERA(D) AD**2MSERA															
Medium ESP Duct (50/96Pa)		AD**2MMERA															
Medium ESP Duct (50/100Pa) NEW		AD**2MJERA															

PRODUCT LINE-UP

(Indoor Units)

Series	KBTU/h kW		5	7	9	12	16	18	24	28	30	38	42	48	54	72	96
			1.5	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	12.5	14.0	16.0	22.6	28.0
Medium ESP Duct (80/120Pa)		AD**2MNERA															
High ESP Duct (100/196Pa)		AD**2MHERA															
High ESP Duct (0-200Pa)		AD**2MQERA															
Built-in Floor Standing		AE**2MLERA															
New Console		AF*2MAERA															
High Wall-N		AS**2MNERA															
		AS**2MFERA															
Fresh Air Duct		AD*2MPERA															
HRV (Heat ReclaimVentilation) (ERV0150/0260/ 0800/1000ANN)	 150m ³ /h 260m ³ /h	 500m ³ /h 800m ³ /h 1000m ³ /h															