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DVM Line-up

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Numbering system of model

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1-3. Options	9

2

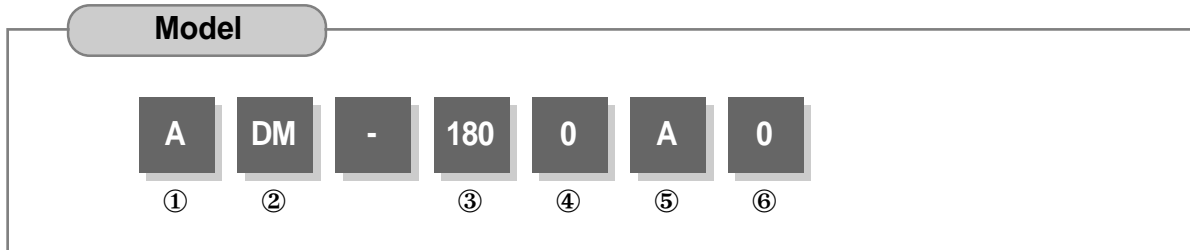
Combination

2-1. Outdoor unit	12
2-2. Indoor unit	16



1. Numbering system of model

1-1. Indoor unit and outdoor unit (Conventional model)



① Semi-finished product

Indoor unit	A
Outdoor unit	M

② Classification of product

1-way cassette type	KM
4-way cassette type	BM
Duct type	DM
Outdoor unit	UF

③ Capacity (Btu x 100)

④ Option

Indoor unit	Function	0
	version	1
Outdoor unit	Recipro	0
	PWM	1

⑤ Power supply

- Indoor unit

115V, 60Hz	A
220V, 60Hz	B
208~230V, 60Hz	C
200~220V, 50Hz	D
220~240V, 50Hz	E
127V, 50Hz	M
220~240V, 50/60Hz, 1ø	N

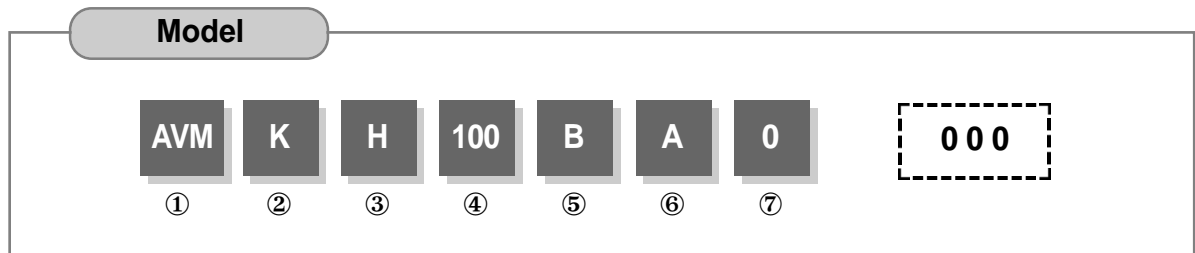
- Outdoor unit

115V, 60Hz	A
220V, 60Hz	B
208~230V, 60Hz	C
200~220V, 50Hz	D
220~240V, 50Hz	E
220V, 60Hz, 3ø	F
380~415V, 50Hz, 3ø	G
127V, 50Hz	M
220~240V, 50/60Hz, 1ø	N
380V, 60Hz, 3ø	H
460V, 60Hz, 3ø	J

⑥ Version

1-2. Indoor unit and outdoor unit (New Model)

(1) Indoor unit



① Semi-finished product

Variable capacity free joint multi (DVM)	AVM
--	-----

③ Mode

Cooling only (C/O)	C
Heat pump (H/P)	H
H/P+Heater	E
C/O+Heater	G
C/O+Hot water heater	N

⑤ Power supply

208~230V, 60Hz	C
220~240V, 50Hz	E

② Classification of product

Cassette type	1-way	K
	4-way	C
	2-way	G
	Exposed	N
Duct type	Low silhouette	D
	High pressure	H
	Built-in	B
Wall-mounted type		W
Ceiling type		F
Floor standing type (PAC)		P

④ Capacity (x 1/10 kW, 3 digits)

Btu/h	Watt	
	50Hz	60Hz
7K	2000W	2000W
9K	2600W	3200W
12K	3500W	4000W
18K	5200W	5200W
20K	6000W	6000W
24K	7000W	7200W
28K	8200W	8300W
36K	10500W	10500W
44K	12800W	12800W
48K	14000W	14000W

⑥ Refrigerant

R22	A
R407C	B
R410A	C

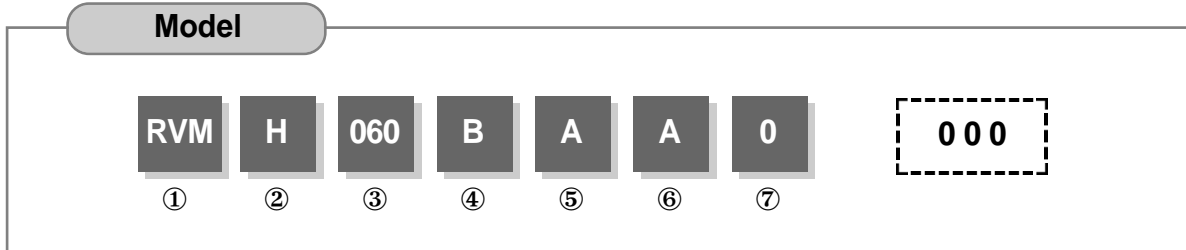
⑦ Version

-	0
~	1
~	2



1. Numbering system of model

(2) Outdoor unit



① Semi-finished product

Variable capacity free joint multi (DVM)	RVM
--	-----

④ Power supply

208~230V, 60Hz	C
208~230V, 60Hz, 3ø	F
380~415V, 50Hz, 3ø	G
380V, 60Hz, 3ø	H
460V, 60Hz, 3ø	J

⑥ Combination of indoor unit

Cassette type	1-way	K
	4-way	C
	2-way	G
	Exposed	N
Duct type	Low silhouette	D
	High pressure	H
	Built-in	B
Wall-mounted type		W
Ceiling type		F
Floor standing type (PAC)		P
Free		M

② Mode

Cooling only (C/O)	C
Heat pump (H/P)	H

⑤ Refrigerant / Discharge direction

Refrigerant	Discharge direction	Classification
R22	Upward	A
	Onward	B
R407C	Upward	C
	Onward	D
R410A	Upward	E
	Onward	F

⑦ Version

③ Capacity (x 1/10 HP, 3 digits)

1-3. Options

Parts	Model	Standard for model name	Example
Electronic expansion valve kit (Attachment type)	MEV- ① ② ③	MEV : Optional electronic expansion valve ① : Electronic expansion valve model (2 digits) ② : Manufacturer ③ : Version	● MEV-14SA ● MEV-18SA ● MEV-24SA
Electronic expansion valve kit (Distributor kit type)	MXD- ① ② ③ ④ ⑤	MXD : Optional distributor kit ① : Max diameter (2 digits) ② : Kinds (marked as K2 for two kinds) ③ : Minimum diameter (Marked as 00 only for use of one kind and marked with minimum diameter for use of two kinds) ④ : Kinds (marked as K2 for two kinds) ⑤ : Version	● MXD-14K300A (1/4" 3) ● MXD-14K218A (1/4" 2, 1/8" 1)
Discharge duct	MDF- ① ②	MDF : Optional distributor duct flange ① : Hole size(ø, cm, 2 digits) ② : Version	● MDF-45A
Refnet kit	MXJ- ① ② ③	MXJ : Optional refnet (Y-joint) kit ① : Inlet pipe diameter (2 digits) ② : Outlet pipe diameter (2 digits) ③ : Version	● MXJ-1509B (Inlet pipe 15mm, Outlet pipe 9mm)
Drain pump	MDP- ① ② ③	MDP : Optional drain pump ① : Discharge pressure (cm, 3 digits), 75cm → 075 ② : Manufacturer ③ : Version	● MDP-075SA
Front panel	M ① ② ③ ④ ⑤ ⑥ ⑦	① : Grille application (Front panel) ② : Type of indoor unit (K: 1-Way cassette, G: 2-Way cassette, C: 4-Way cassette, B: Built-in duct) ③ : H: Cooling only & heat pump, N: No use of wireless remote controller ④ : Size (Mark the longer side, cm, 3 digits) ⑤ : Color (G: gray, I: Ivory) ⑥ : Language [E: English only, C: Chinese, A: Arabic, M: 8 Languages, U: 3 Languages (°F & Inch)] ⑦ : Version	● MGKC118IE0
Wireless remote controller	MR- ① ② ③ ④ ⑤	MR : Optional wireless remote controller ① : Design(A-Compact) ② : Mode (C: cooling only, H: heat pump) ③, ④ : Version ⑤ : Language [None: 9 Languages, C: Chinese, U: 3 Languages (°F & Inch)]	● MR-AC00 ● MR-AC00C



1. Numbering system of model

Parts	Model	Standard for model name	Example
Receiver & display unit wire	MRW- ① ② ③	MRW : Optional receiver & display unit wire ① : Length (m, 2 digits) ② : Version ③ : Language (None: English, C: Chinese)	● MRW-10A ● MRW-10AC
Interface module	MIM- ① ② ③ ④	MIM : Optional interface module ① : Applicable location (A: indoor unit B: outdoor unit, C: others) ②, ③ : Version ④ : Language (None: 9 Languages, C: Chinese)	● MIM-B00 ● MIM-B00C
Controller	MCM- ① ② ③ ④ ⑤	MCM : Optional controller ① : Function (A: controller, B: measuring instrument, C: others) ② : LCD Application (1: yes, 2: none) ③, ④ : Version ⑤ : Language [None: 9 Languages, C: Chinese, U: 3 Languages (°F & Inch)]	● MCM-A200 ● MCM-A200U
Wired remote controller	MWR- ① ② ③ ④ ⑤	MWR : Optional wired remote controller ① : Design (A - present) ② : Classification of function (H: Cooling only & heat pump) ③, ④ : Version ⑤ : Language [None: 9 Languages, C: Chinese, U: 3 Languages (°F & Inch)]	● MWR-AH01 ● MWR-AH01C
Receiver & display unit kit	MRK- ① ② ③ ④	MRK : Optional receiver & display unit kit ① : Receiver kit design (A) ②, ③ : Version ④ : Language (None: 9 Languages, C: Chinese)	● MRK-A00 ● MRK-A00C
Filter	MF- ① ② ③ ④	MF : Optional filter ① : Classification of product ② : Specification of filter (0: air filter 1: bio-pure & deodorizing filter 2: on-board electric dust collector 3: scroll electric dust collector) ③ : Color (B: black G: green) ④ : Version	● MF-C1B0 ● MF-C1B0C (For China)

Parts	Model	Standard for model name	Example
Super cooler	MSC- ① ② ③ ④ ⑤	<p>MSC : Super cooler</p> <p>①, ② : HP of applicable outdoor unit (marked as 00 if it is 10.0 HP)</p> <p>③ : Power supply B:220V, 60Hz C:208~230V, 60Hz E:220~240V, 50Hz H:380V, 60Hz, 3ø J:460V, 60Hz, 3ø</p> <p>④ : Design (A: front B: top)</p> <p>⑤ : Version</p>	<ul style="list-style-type: none"> ● MSC-00EB0 (Applied to the top of 10.0HP outdoor unit) ● MSC-45EA0 (Applied to the front of 4.5HP outdoor unit)
Super heater	MSH- ① ② ③ ④ ⑤	<p>MSH : Super heater</p> <p>①, ② : HP of applicable outdoor unit (marked as 00 if it is 10.0 HP)</p> <p>③ : Specification of power source B:220V, 60Hz C:208~230V, 60Hz E:220~240V, 50Hz H:380V, 60Hz, 3ø J:460V, 60Hz, 3ø</p> <p>④ : Design (A: front B: top)</p> <p>⑤ : Version</p>	<ul style="list-style-type: none"> ● MSH-00EB0 (Applied to the top of 10.0HP outdoor unit) ● MSH-45EA0 (Applied to the front of 4.5HP outdoor unit)
Water coil	MWC- ① ② ③ ④ ⑤	<p>MWC : Water coil</p> <p>①, ②, ③ : Capacity of applicable indoor unit (x 10 kW)</p> <p>④ : Applicable product (H: High pressure duct, D: Low silhouette duct, B: Built-in duct)</p> <p>⑤ : Version</p>	<ul style="list-style-type: none"> ● MWC-083D0 (For 8300W Low silhouette duct)



2. Combination





2-1. Outdoor unit

(1) Cooling only

Design		Power supply		Model	Capacity(HP)	Refrigerant
Main	Super cooler					
	-	50Hz	380~415V, 3ø	RVMC060GDM0	6	R407C
		60Hz	208~230V, 1ø	RVMC050CBM0	5	R22
		50Hz	380~415V, 3ø	RVMC060GAM0	6	R22
			380~415V, 3ø	RVMC060GAM1	6	R22
		60Hz	208~230V, 3ø	RVMC070FAM0	7.0	R22
	-	50Hz	380~415V, 3ø	RVMC100GAM0	10	R22
		60Hz	208~230V, 3ø	RVMC100FAM0	10	R22



- ◆ The system enables the connection of indoor units with a total capacity of between 50 to 130% of that of the corresponding outdoor unit but where this capacity ratio exceeds 100% then the actual capacity of each indoor unit will fall a little short of its individual rated capacity when all the units are operated simultaneously. (Except for the Middle East models)
- ◆ The specification of super cooler may differ, depending on the model.

Design		Max. connectible indoor units	Total capacity of indoor units (kW, ISO standard)	Super cooler	Remark
Main	Super cooler				
	-	8	8.0~20.8	-	
		7	7.2~18.8	-	
		8	8.0~20.8	-	
		8	8.0~16.0	-	For the Middle East
		10	10.5~27.3	-	
			10.5~21.0	-	For the Middle East
	-	14	14.0~36.4	-	
			14.0~28.0	-	For the Middle East
		14	14.0~36.4	-	
			14.0~28.0	-	For the Middle East



- ◆ The system enables the connection of indoor units with a total capacity of between 50 to 130% of that of the corresponding outdoor unit but where this capacity ratio exceeds 100% then the actual capacity of each indoor unit will fall a little short of its individual rated capacity when all the units are operated simultaneously. (Except for the Middle East models)
- ◆ The specification of super cooler may differ, depending on the model.





2. Combination

(2) Heat pump

Design		Power supply		Model	Capacity(HP)	Refrigerant
Main	Super cooler					
	-	50Hz	380~415V, 3ø	RVMH060GBM0	6	R22
			380~415V, 3ø	RVMH060GDM0	6	R407C
		60Hz	208~230V, 1ø	RVMH050CBM0	5	R22
	-	50Hz	380~415V, 3ø	RVMH080GAM0	8	R22
			380~415V, 3ø	RVMH100GAM0	10	R22
			380~415V, 3ø	RVMH100GCM0	10	R22
		60Hz	208~230V, 3ø	RVMH100FAM0	10	R22



- ◆ The system enables the connection of indoor units with a total capacity of between 50 to 130% of that of the corresponding outdoor unit but where this capacity ratio exceeds 100% then the actual capacity of each indoor unit will fall a little short of its individual rated capacity when all the units are operated simultaneously. (Except for the Middle East models)
- ◆ The specification of super cooler may differ, depending on the model.

Design		Max. connectible indoor units	Total capacity of indoor units (kW, ISO standard)	Super cooler	Remark
Main	Super cooler				
	-	8	8.0~20.8	-	
		8	8.0~20.8	-	
		7	7.2~18.8	-	
	-	11	11.0~29.0	-	
		14	14.0~36.4	-	
			14.0~28.0	-	For Middle East
		14	14.0~36.4	-	
		14	14.0~36.4	-	
14.0~28.0	-		For Middle East		



- ◆ The system enables the connection of indoor units with a total capacity of between 50 to 130% of that of the corresponding outdoor unit but where this capacity ratio exceeds 100% then the actual capacity of each indoor unit will fall a little short of its individual rated capacity when all the units are operated simultaneously. (Except for the Middle East models)
- ◆ The specification of super cooler may differ, depending on the model.



2. Combination

2-2. Indoor unit

Design	Power supply	Cool/Heat	2.0kW (7000Btu/h)	2.6kW (9000Btu/h)	3.2kW (11000Btu/h)	3.5kW (12000Btu/h)	4.0kW (13500Btu/h)	5.2kW (18000Btu/h)	6.0kW (20000Btu/h)	
1-way cassette type 	50Hz	Cooling only	AVMKC020EA0	AVMKC026EA0	-	AVMKC035EA0	-	-	-	
		Heat pump	AVMKH020EA0	AVMKH026EA0	-	AVMKH035EA0	-	-	-	
	60Hz	Cooling only	AVMKC020CA0	-	AVMKC032CA0	-	AVMKC040CA0	-	-	
		Heat pump	AVMKH020CA0	-	AVMKH032CA0	-	AVMKH040CA0	-	-	
4-way cassette type 	50Hz	Cooling only	-	-	-	-	-	AVMCC052EA0	-	
		Heat pump	-	-	-	-	-	-	AVMCH052EA0	-
	60Hz	Cooling only	-	-	-	-	-	-	AVMCC052CA0	-
		Heat pump	-	-	-	-	-	-	AVMCH052CA0	-
Duct type(Low silhouette) 	50Hz	Cooling only	-	-	-	-	-	AVMDC052EA0	-	
		Heat pump	-	-	-	-	-	-	AVMDH052EA0	-
	60Hz	Cooling only	-	-	-	-	-	-	AVMDC052CA0	-
		Heat pump	-	-	-	-	-	-	AVMDH052CA0	-
Duct type (Built-in) 	50Hz	Cooling only	AVMBC020EA0	AVMBC026EA0	-	AVMBC035EA0	-	AVMBC052EA0	-	
		Heat pump	AVMBH020EA0	AVMBH026EA0	-	AVMBH035EA0	-	AVMBH052EA0	-	
	60Hz	Cooling only	AVMBC020CA0	-	AVMBC032CA0	-	AVMBC040CA0	AVMBC052CA0	-	
		Heat pump	AVMBH020CA0	-	AVMBH032CA0	-	AVMBH040CA0	AVMBH052CA0	-	
Duct type(High pressure) 	50Hz	Cooling only	-	-	-	-	-	-	-	
		Heat pump	-	-	-	-	-	-	-	-
	60Hz	Cooling only	-	-	-	-	-	-	-	-
		Heat pump	-	-	-	-	-	-	-	-
Wall-mounted type 	50Hz	Cooling only	AVMWC020EA0	AVMWC026EA0	-	AVMWC035EA0	-	AVMWC052EA0	-	
		Heat pump	AVMWH020EA0	AVMWH026EA0	-	AVMWH035EA0	-	AVMWH052EA0	-	
	60Hz	Cooling only	AVMWC020CA0	-	AVMWC032CA0	-	AVMWC040CA0	AVMWC052CA0	-	
		Heat pump	AVMWH020CA0	-	AVMWH032CA0	-	AVMWH040CA0	AVMWH052CA0	-	
Floor standing type 	50Hz	Cooling only	-	-	-	-	-	-	AVMPC060EA0	
		Heat pump	-	-	-	-	-	-	-	AVMPH060EA0
	60Hz	Cooling only	-	-	-	-	-	-	-	AVMPC060CA0
		Heat pump	-	-	-	-	-	-	-	AVMPH060CA0
Ceiling type 	50Hz	Cooling only	-	-	-	-	-	AVMFC052EA0	-	
		Heat pump	-	-	-	-	-	-	AVMFH052EA0	-
	60Hz	Cooling only	-	-	-	-	-	-	AVMFC052CA0	-
		Heat pump	-	-	-	-	-	-	AVMFH052CA0	-



◆ The design and capacity of indoor unit are subject to change without notice.

Design	Power supply	Cool/Heat	7.0kW (24000Btu/h)	7.2kW (24000Btu/h)	8.2kW (28000Btu/h)	8.3kW (28000Btu/h)	10.5kW (36000Btu/h)	12.8kW (44000Btu/h)	Remark
1-way cassette type 	50Hz	Cooling only	-	-	-	-	-	-	
		Heat pump	-	-	-	-	-	-	
	60Hz	Cooling only	-	-	-	-	-	-	
		Heat pump	-	-	-	-	-	-	
4-way cassette type 	50Hz	Cooling only	AVMCC070EA0	-	-	-	AVMCC105EA0	-	
		Heat pump	AVMCH070EA0	-	-	-	AVMCH105EA0	-	
	60Hz	Cooling only	-	AVMCC072CA0	-	-	AVMCC105CA0	-	
		Heat pump	-	AVMCH072CA0	-	-	AVMCH105CA0	-	
Duct type(Low silhouette) 	50Hz	Cooling only	AVMDC070EA0	-	-	-	-	-	
		Heat pump	AVMDH070EA0	-	-	-	-	-	
	60Hz	Cooling only	-	AVMDC072CA0	-	-	-	-	
		Heat pump	-	AVMDH072CA0	-	-	-	-	
Duct type (Built-in) 	50Hz	Cooling only	AVMBC070EA0	-	-	-	-	-	
		Heat pump	AVMBH070EA0	-	-	-	-	-	
	60Hz	Cooling only	-	AVMBC072CA0	-	-	-	-	
		Heat pump	-	AVMBH072CA0	-	-	-	-	
Duct type(High pressure) 	50Hz	Cooling only	-	-	-	-	AVMHC105EA0	AVMHC128EA0	
		Heat pump	-	-	-	-	AVMHH105EA0	AVMHH128EA0	
	60Hz	Cooling only	-	-	-	-	AVMHC105CA0	AVMHC128CA0	
		Heat pump	-	-	-	-	AVMHH105CA0	AVMHH128CA0	
Wall-mounted type 	50Hz	Cooling only	AVMWC070EA0	-	-	-	-	-	
		Heat pump	AVMWH070EA0	-	-	-	-	-	
	60Hz	Cooling only	-	AVMWC072CA0	-	-	-	-	
		Heat pump	-	AVMWH072CA0	-	-	-	-	
Floor standing type 	50Hz	Cooling only	AVMPC070EA0	-	AVMPC082EA0	-	-	-	
		Heat pump	AVMPH070EA0	-	AVMPH082EA0	-	-	-	
	60Hz	Cooling only	-	AVMPC072CA0	-	AVMPC083CA0	-	-	
		Heat pump	-	AVMPH072CA0	-	AVMPH083CA0	-	-	
Ceiling type 	50Hz	Cooling only	AVMFC070EA0	-	-	-	-	-	
		Heat pump	AVMFH070EA0	-	-	-	-	-	
	60Hz	Cooling only	-	AVMFC072CA0	-	-	-	-	
		Heat pump	-	AVMFH072CA0	-	-	-	-	

Caution ◆ The design and capacity of indoor unit are subject to change without notice.

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