

# ● FJM - Free Joint Multi





INDOOR UNIT LINE-UP

WIND-FREE™ PLUS 

- 2,0 kW  
AR07MSPXA
- 2,5 kW  
AR09MSPXA
- 3,5 kW  
AR12MSPXA



 WIND-FREE™

- 2,0 kW  
AR07MSPXB
- 2,5 kW  
AR09MSPXB
- 3,5 kW  
AR12MSPXB

AR5500M 

- 2,0 kW  
AR07KSWNA
- 2,5 kW  
AR09KSWNA
- 3,5 kW  
AR12KSWNA
- 5,2 kW  
AR18MSWNA
- 7,1 kW  
AR24MSWNA



NEW BORACAY

- 2,0 kW  
AR07MSFHB
- 2,5 kW  
AR09MSFHB
- 3,5 kW  
AR12MSFHB
- 5,2 kW  
AR18MSFHB
- 7,1 kW  
AR24MSFHB

AR7000M 

AVAILABLE WHILE STOCK LASTS

- 2,0 kW  
AR07KSPDB
- 2,5 kW  
AR09KSPDB
- 3,5 kW  
AR12KSPDB
- 5,2 kW  
AR18MSPDB
- 7,1 kW  
AR24MSPDB







### CONSOLE

2,6 kW  
MH026FJEA

3,5 kW  
MH035FJEA

5,2 kW  
MH052FJEA

### 4-WAY MINI CASSETTE

1,6 kW  
AJN016NDEHA

2,0 kW  
AJN020NDEHA

2,6 kW  
AJN026NDEHA

3,5 kW  
AJN035NDEHA

5,2 kW  
AJN052NDEHA



### 1-WAY SLIM CASSETTE

2,6 kW  
MH026FSEA

3,5 kW  
MH035FSEA

### SLIM DUCT / MSP

2,6 kW  
NJ026LHxEA

3,5 kW  
NJ035LHxEA

5,2 kW  
MH052FUEA



OUTDOOR UNIT LINE-UP



**AJ040MCJ2EH/EU**

FOR 2 INDOOR UNITS



**AJ050MCJ2EH/EU**

FOR 2 INDOOR UNITS



**AJ052MCJ3EH/EU**

FOR 3 INDOOR UNITS



**AJ068MCJ3EH/EU**

FOR 3 INDOOR UNITS



**AJ070MCJ4EH/EU**

FOR 4 INDOOR UNITS












**AJ080MCJ4EH/EU**

FOR 4 INDOOR UNITS



**AJ100MCJ5EH/EU**

FOR 5 INDOOR UNITS

INDOOR	kW	AJ040MCJ2EH/EU	AJ050MCJ2EH/EU	AJ052MCJ3EH/EU	AJ068MCJ3EH/EU	AJ070MCJ4EH/EU	AJ080MCJ4EH/EU	AJ100MCJ5EH/EU
<b>WIND-FREE™ PLUS</b> 	2.0	•	•	•	•	•	•	•
	2.5	•	•	•	•	•	•	•
	3.5	•	•	•	•	•	•	•
<b>WIND-FREE™</b> 	2.0	•	•	•	•	•	•	•
	2.5	•	•	•	•	•	•	•
	3.5	•	•	•	•	•	•	•
<b>AR5500M</b> 	2.0	•	•	•	•	•	•	•
	2.5	•	•	•	•	•	•	•
	3.5	•	•	•	•	•	•	•
	5.2		•	•	•	•	•	•
	7.1						•	•
<b>NEW BORACAY</b> 	2.0	•	•	•	•	•	•	•
	2.5	•	•	•	•	•	•	•
	3.5	•	•	•	•	•	•	•
	5.2		•	•	•	•	•	•
<b>AR7000M</b> 	2.0	•	•	•	•	•	•	•
	2.5	•	•	•	•	•	•	•
	3.5	•	•	•	•	•	•	•
	5.2		•	•	•	•	•	•
	7.1						•	•
<b>CONSOLE</b> 	2.6	•	•	•	•	•	•	•
	3.5	•	•	•	•	•	•	•
	5.2		•	•	•	•	•	•
<b>4-WAY MINI CASSETTE</b> 	1.6		•	•	•	•	•	•
	2.0		•	•	•	•	•	•
	2.6		•	•	•	•	•	•
	3.5		•	•	•	•	•	•
<b>1-WAY SLIM CASSETTE</b> 	2.6	•	•	•	•	•	•	•
	3.5	•	•	•	•	•	•	•
<b>SLIM DUCT/MSP</b> 	2.6		•	•	•	•	•	•
	3.5		•	•	•	•	•	•
	5.2				•	•	•	•

- AJ outdoor units are compatible with AR, AQV and MH indoor units (except from models ending in FBEA and FVEA)  
 - RJ outdoor units are compatible with AR, AQV and MH indoor units  
 - MH outdoor units are compatible with MH indoor units



## CONSOLE

- Possibility to be installed vertically only
- Fan with inverter engine; anti-dust filter included
- Possibility to set a dual air supply from the upper and lower grilles in the heating mode
- Integrated Virus Doctor device
- Maximum noiselessness 23 dB(A); Depth of 199 mm only
- Power supply: single-phase 220 V - 50 Hz

MODEL		MH026FJEA	MH035FJEA	MH052FJEA
EAN		8808987607609	8808987625900	8808993151769
Capacity	Cooling	2.60	3.50	5.20
	Heating	2.90	3.80	5.60
Connection Piping	Liquid (Ø, mm/inches)	6.35 - 1/4"	6.35 - 1/4"	6.35 - 1/4"
	Gas (Ø, mm/inches)	9.52 - 3/8"	9.52 - 3/8"	12.70 - 1/2"
Sound Pressure Min-Max dB(A)		23 - 28	24 - 39	25 - 44
Net Dimensions (WxHxD) (mm)		720x620x199	720x620x199	720x620x199

Wireless remote controls are included in Console models



## 4-WAY MINI CASSETTE

- Four-way air supply with directional flaps that can be individually adjusted
- Fan with inverter engine; pre-cut with external air inlet
- Built-in condensation drain pump (750 mmH<sub>2</sub>O); anti-bacterial filter included
- Virus Doctor device and presence sensor (optional); WI-FI kit (optional)
- Power supply: single-phase 220 V - 50 Hz

MODEL		AJN016NDEHA/EU	AJN020NDEHA/EU	AJN026NDEHA/EU	AJN035NDEHA/EU	AJN052NDEHA/EU
EAN		8806085041820	8806085041837	8806085041844	8806085041288	8806085041851
Capacity	Cooling	1.60	2.00	2.60	3.50	5.20
	Heating	2.00	2.20	2.90	3.80	5.60
Connection Piping	Liquid (Ø, mm/inches)	6.35 - 1/4"	6.35 - 1/4"	6.35 - 1/4"	6.35 - 1/4"	6.35 - 1/4"
	Gas (Ø, mm/inches)	9.52 - 3/8"	9.52 - 3/8"	9.52 - 3/8"	9.52 - 3/8"	12.70 - 1/2"
Sound Pressure Min-Max dB(A)		24 - 33	24 - 33	25 - 34	29 - 36	32 - 40
Net Dimensions (WxHxD) (mm)		575x250x575	575x250x575	575x250x575	575x250x575	575x250x575
Panel	Model	PC4SUSMB*	PC4SUSMB*	PC4SUSMB*	PC4SUSMB*	PC4SUSMB*
	EAN	8806085282698	8806085282698	8806085282698	8806085282698	8806085282698
	Net Dim. (WxHxD) (mm)	670x45x670	670x45x670	670x45x670	670x45x670	670x45x670
Wired Remote Controller	Model	MWR-WH00**	MWR-WH00**	MWR-WH00**	MWR-WH00**	MWR-WH00**
	EAN	8808993520411	8808993520411	8808993520411	8808993520411	8808993520411
Wireless Remote Controller	Model	MR-EH00**	MR-EH00**	MR-EH00**	MR-EH00**	MR-EH00**
	EAN	8806086374361	8806086374361	8806086374361	8806086374361	8806086374361

The complete model includes: Indoor unit + Panel

\*Mandatory,

\*\*Mandatory, possibility to choose between the two devices



## 1-WAY SLIM CASSETTE

- One-way air supply with adjustable directional flap
- Tangential fan with mono-phase engine; height of 135 mm only
- Built-in condensation drain pump (750 mmH2O); anti-bacterial filter included
- Power supply: single-phase 220 V - 50 Hz

MODEL		MH026FSEA	MH035FSEA
EAN		8808993151776	8808993149964
Capacity	Cooling	2.60	3.50
	Heating	2.90	3.80
Connection Piping	Liquid (Ø, mm/inches)	6.35 - 1/4"	6.35 - 1/4"
	Gas (Ø, mm/inches)	9.52 - 3/8"	9.52 - 3/8"
Sound Pressure Min-Max dB(A)		25 - 30	27 - 32
Net Dimensions (WxHxD) (mm)		970x135x410	970x135x410
Panel	Model	PSSMA*	PSSMA*
	EAN	8808987648114	8808987648114
	Net Dim. (WxHxD) (mm)	1180x25x460	1180x25x460
Wired Remote Controller	Model	MWR-WH00**	MWR-WH00**
	EAN	8808993520411	8808993520411
Wireless Remote Controller	Model	MR-EH00**	MR-EH00**
	EAN	8806086374361	8806086374361

The complete model includes: Indoor unit + Panel

\*Mandatory,

\*\*Mandatory, possibility to choose between the two devices



## SLIM DUCT/MSP

- Fan with inverter motor pressure adjustable up to 60Pa (only for 2.6-3.5 kW models) thickness of 200mm only
- Condensation drain pump 750 mmH2O (optional)
- Anti-bacterial filter included
- Power supply: single-phase 220 V - 50 Hz

MODEL		NJ026LHXEA	NJ035LHXEA	MH052FUEA
EAN		8806071074863	8806071074870	8808987513733
Capacity	Cooling	2.60	3.50	5.20
	Heating	2.90	3.80	6.0
Treated Air Max. (m³/min)		8,6	9,8	16,3
Static Pressure Min-Max (mm H <sub>2</sub> O)		0-4	0-4	0-6
Connection Piping	Liquid (Ø, mm/inches)	6.35 - 1/4"	6.35 - 1/4"	6.35 - 1/4"
	Gas (Ø, mm/inches)	9.52 - 3/8"	9.52 - 3/8"	12.70 - 1/2"
Sound Pressure Min-Max dB(A)		25 - 30	27 - 32	39 - 42
Net Dimensions (WxHxD) (mm)		900x199x600	900x199x600	900x260x480
Wired Remote Controller	Model	MWR-WH00 (included)	MWR-WH00 (included)	MWR-WH00 (included)
	EAN	8808993520411	8808993520411	8808993520411
Wireless Remote Controller	Model	MR-EH00*	MR-EH00*	MR-EH00*
	EAN	8806086374361	8806086374361	8806086374361

\* To associate with wired kit (MWR-10A) + receiver (MRK-A00)



## TECHNICAL FEATURES



MODEL		AJ040MCJ2EH/EU AJ050MCJ2EH/EU AJ052MCJ3EH/EU AJ068MCJ3EH/EU AJ070MCJ4EH/EU AJ080MCJ4EH/EU AJ100MCJ5EH/EU							
EAN		8806085359086	8806085358287	8806085358294	8806085359093	8806085358324	8806085358300	8806085358317	
Refrigerant Type <sup>(2)</sup>		R410A	R410A	R410A	R410A	R410A	R410A	R410A	
Max Matchable Indoor Units		2	2	3	3	4	4	5	
Nominal Capacity* (Cooling/Heating)	kW	4,0 / 4,4	5,0 / 5,7	5,2 / 6,3	6,8 / 8,0	7,0 / 8,6	8,0 / 9,3	10 / 12	
Sound Pressure (Max)	dB(A)	45	46	46	48	48	49	54	
Sound Power (Max)	dB(A)	61	61	61	63	63	63	70	
Operating Range	Cooling	°C	-5°~46°	-5°~46°	-5°~46°	-5°~46°	-5°~46°	-5°~46°	-10°~46°
	Heating	°C	-15°~24°	-15°~24°	-15°~24°	-15°~24°	-15°~24°	-15°~24°	-15°~24°
Power Supply	V/Hz/f	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	220~240/50/1	
Outdoor Unit (Dimensions WxHxD)	mm	790x545x285	790x545x285	880x638x310	880x798x310	880x798x310	880x798x310	940x998x330	
Outdoor Unit (Weight)	kg	37	40	49	57	65	65	74,5	
Connection Piping	Liquid	Ømm (inch)	2x6.35 (1/4")	2x6.35 (1/4")	3x6.35 (1/4")	3x6.35 (1/4")	4x6.35 (1/4")	4x6.35 (1/4")	5x6.35 (1/4")
	Gas	Ømm (inch)	2x9.52 (3/8")	9.52 (3/8") + 12.70 (1/2")	2x9.52 (3/8") + 12.70 (1/2")	9.52 (3/8") + 2x12.70 (1/2")	2x9.52 (3/8") + 2x12.70 (1/2")	3x12.70 (1/2") + 15.88 (5/8")	2x15.88 (5/8") + 3x12.70 (1/2")
Piping Length	Max per unit	m	20	20	20	20	25	25	25
	Min per unit**	m	3	3	3	3	3	3	3
	Max	m	30	30	50	50	70	70	80
	Max (without adding refrigerant)	m	15	20	30	30	40	40	40
Max Elevation Gap	Indoor/Outdoor Unit	m	15	15	15	15	15	15	15
	Indoor/Outdoor Unit	m	7,5	7,5	7,5	7,5	7,5	7,5	7,5
Refrigerant Charge	g	1300	1600	2200	2200	2800	2800	3300	
Additional Refrigerant Charge	g	10	20	10	10	10	10	20	

\* Test conditions (cooling): indoor air temperature at 27°C (dry bulb) / 19°C (wet bulb); outdoor air temperature 35°C (dry bulb) / 24°C (wet bulb)  
 Test conditions (heating): indoor air temperature at 20°C (dry bulb) / 15°C (wet bulb); outdoor air temperature at 7°C (dry bulb) / 6°C (wet bulb)  
 \*\* If the number of the indoor units connected is equal or less than 50%, the limit becomes 7.5 m.  
 2) Samsung air conditioners contain fluorinated greenhouse gases R410A. GWP = 2088