

# SAMSUNG

## Free Joint Multi (FJM)

# A single answer for multiple zones.

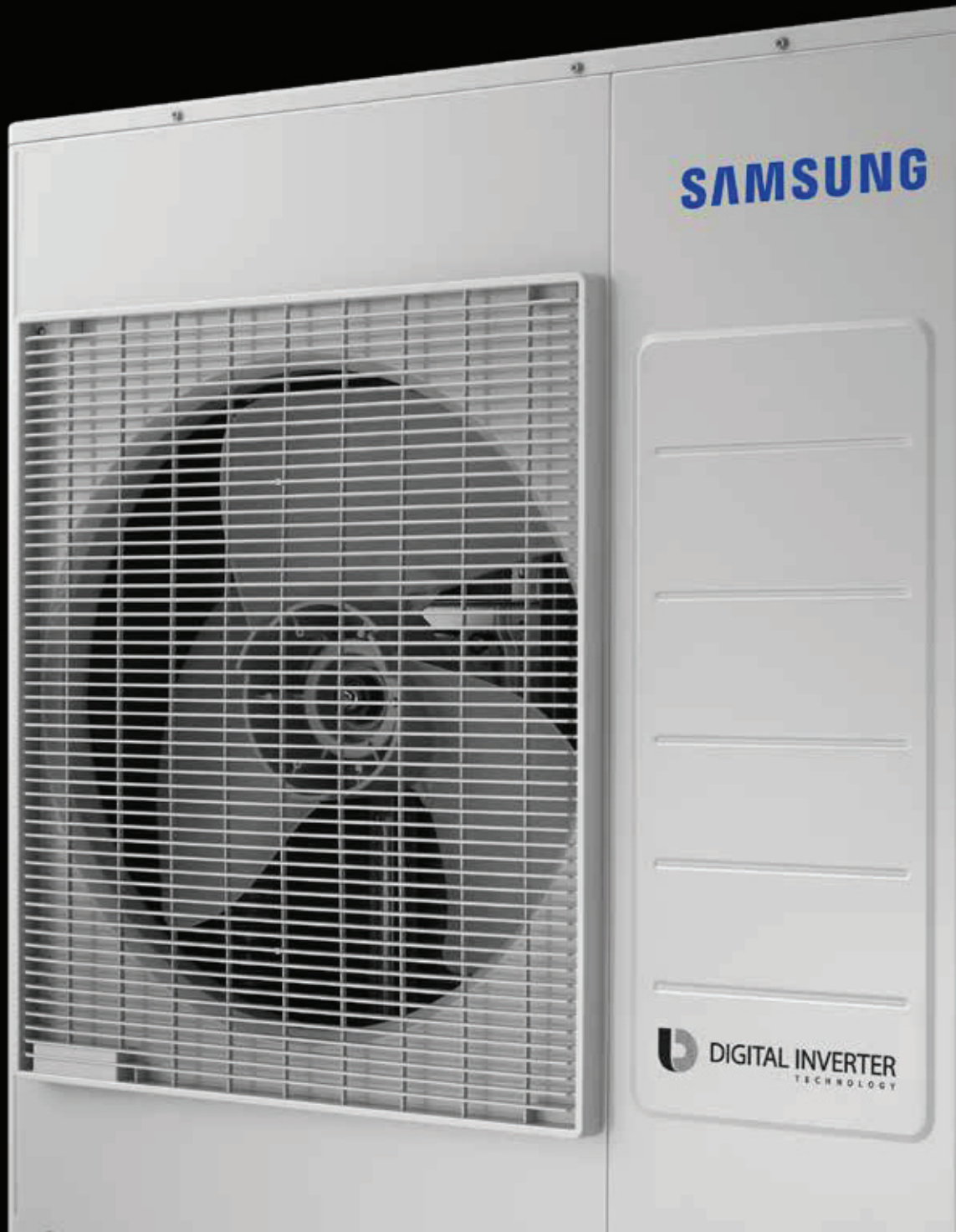
**More comfort with less.**

This powerful unit supports two to five indoor units for multi-zone control with one outdoor unit. It's also available in Max Heat™.

**MAX HEAT™**

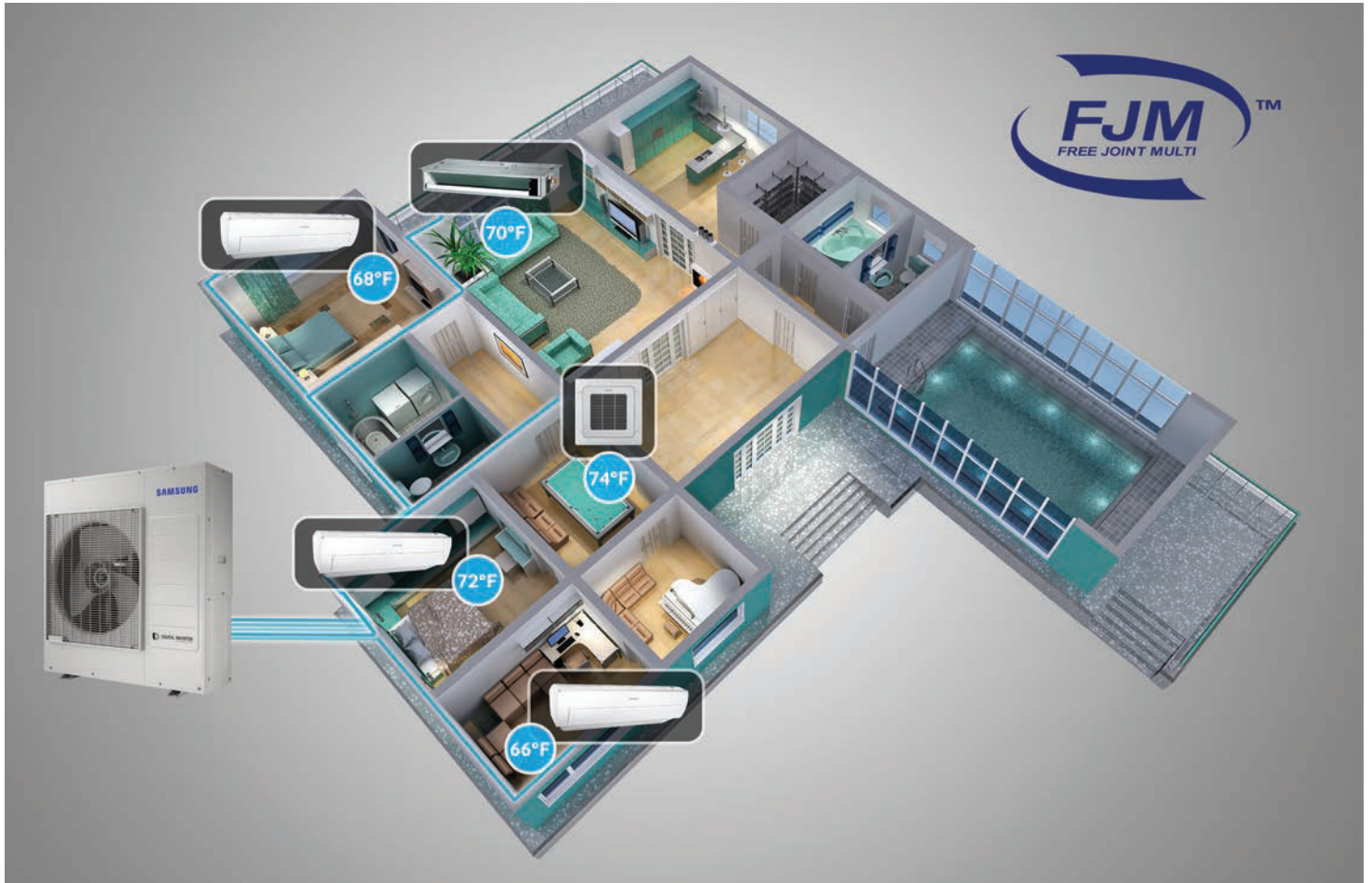


Product Registration Required  
Conditions Apply



# Commander in chief.

This versatile system is the best solution for residential and light commercial buildings requiring a flexible, efficient, and reliable air conditioning system.



## Multiple choice.

Each option provides additional flexibility when installing a system that requires more than one zone of comfort, without adding parts, installation, and added costs of several outdoor units.

## Just right.

Max Heat™ Outdoor Units Can Connect:

20K-24K Btu/h - 2 to 3 indoor units • 30K Btu/h - 2 to 4 indoor units

Standard Outdoor Units Can Connect:

18K Btu/h - 2 indoor units • 24K Btu/h - 2 to 3 indoor units • 36K Btu/h - 2 to 5 indoor units



- Each model uses a twin BLDC compressor for high efficiency and low noise and vibration
- One button auto addressing for simple system setup when completing installation
- The FJM Max Heat™ shares all the features and benefits of the standard FJM system, along with the ability to provide 100% heating capacity at 5°F (-15°C) and high heating output at -13°F (-25°C). Designed for cold climates, the system is equipped with a base pan heater to help defrost and drain away water to avoid ice buildup.
- Control all indoor units via Wi-Fi by installing the MIM-H03U Wi-Fi adapter (sold separately)

# Indoor Units

Capacities shown in Btu/h

## Wind-Free™\* Mini 4-Way Cassette

Maximize energy savings with Samsung's Wind-Free™\* Mini 4-Way Cassette and Motion Detection Sensor (MDS). This sensor will automatically turn off or change the set temperature based on room occupancy, and learn occupancy patterns to reduce run time between occupied and unoccupied times. Use of MDS is optional. Sensor sold separately.



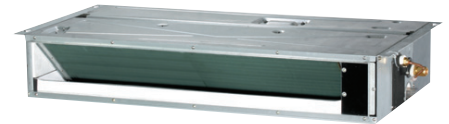
WIND-FREE™\* MINI 4-WAY CASSETTE  
9K-18K

### Features:

- Wind-Free™\* Cooling mode maintains the desired temperature and eliminates direct airflow by delivering air through micro holes on the unit's fascia panel when the louvers are closed, producing a dispersed and gentle flow of air defined as "still air."
- Wind-Free™\* fascia panels include a humidity sensor to prevent condensation by restricting Wind-Free™\* operation in high humidity conditions. Wind-Free™\* operation is available in cooling mode only.
- The panel is designed to fit in a standard 2 x 2 foot ceiling grid without interfering with adjacent ceiling tiles, lights, or sprinkler systems.
- With independent louver control, the four louver blades can be individually set at the same or different angles within a 32-65° range.

## Slim Duct

At 7 7/8 inches, the Samsung Slim Duct unit allows installation in the tightest of spaces, reducing ceiling height loss.



SLIM DUCT  
9K-18K

### Features:

- Single fan motor with three fan speeds and auto setting
- Fan motor adjusts speed according to External Static Pressure (ESP)
- Parts are easily accessible through the bottom panel, reducing maintenance time and costs

## Whisper

The Whisper unit has been designed to be outstandingly efficient. This unique triangular design has a wider inlet, allowing more air to be drawn in. The improved width and angle of its outlet, extra v-blades, and a bigger fan ensures air is delivered fast and far.



WHISPER  
7K-24K

### Features:

- Single crossflow fan with three fan speeds and auto setting
- Features LED indicator lights, IR receiver, and a single motorized louver
- Electro-static, washable, filter included with unit (accessible from the front/top of the unit)
- Access to wire, pipe, and drain connections through a removeable bottom panel for easier installation and service

\*The Wind-Free™ unit delivers an air current that is under 0.15 m/s while in Wind-Free™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

# Wi-Fi Adapter



Samsung's Wi-Fi Adapter allows for remote control of Samsung Free Joint Multi (FJM) indoor units from a mobile device when using the Samsung Smart Home App†.

## App Features:

- Daily, weekly, and monthly energy consumption monitoring‡
- Basic control and monitoring of power, mode, set temperature, room temperature, fan speed, and supply air louver position
- 7-day scheduling for single or multiple units



Wi-Fi ADAPTER (MIM-H03U)

**One MIM-H03U Wi-Fi Adapter can control all indoor units connected to a FJM system.**

†Available for download on the App Store and Google™ Play store. Requires MIM-H03U Wi-Fi adapter (sold separately) to establish a network connection.

Samsung application account is necessary.

‡Energy consumption data is used for general reference only and should not be used for billing purposes. Data provided will not necessarily match your utility bill.

# Individual Control

There are many different ways to control Samsung residential systems. The wireless remote controller is included with some systems at no extra charge. For applications where a wireless control is not acceptable (i.e. public facilities), two wired controllers, Simple, and Premium, are available to purchase as an option.



WIRELESS REMOTE CONTROLLER  
AR-EH03E

## Wireless Remote Controller

Standard / AR-EH03E Controller<sup>1</sup>

### Features:

- ON/OFF operating model, fan speed, airflow temperature setting
- Filter replacement alarm reset
- Single event ON/OFF timer function
- Easy-to-see display
- Soft touch buttons



SIMPLIFIED WIRED CONTROLLER  
MWR-WH02

## Simplified Wired Controller

MWR-WH02 Controller / AR-WRS02 Controller Kit<sup>1</sup>

### Features:

- ON/OFF operating model, fan speed, airflow temperature setting
- 'Sleep' and 'Silent' modes
- Built-in room temperature sensor
- Child lock
- Automatic stop mode
- Single event, ON/OFF timer function
- Different permission levels



PREMIUM WIRED CONTROLLER  
MWR-WE13

## Premium Wired Controller

MWR-WE13 Controller / AR-WRP2 Controller Kit<sup>1</sup>

### Features:

- ON/OFF operating model, fan speed, airflow temperature setting
- Error display
- Filter replacement alarm reset
- Built-in room temperature sensor
- Child lock
- Automatic stop mode
- Wireless remote control restriction
- Clean and bright screen with backlit LCD screen
- Weekly schedule testing
- Different permission levels

\*The Wind-Free™ unit delivers an air current that is under 0.15 m/s while in Wind-Free™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

<sup>1</sup>Refer to product specifications for controller compatibility. Additional parts may be required.

# SLIM DUCT

## SPECIFICATIONS - 9,000 | 12,000 | 18,000

MODEL	INDOOR UNIT		AJ009JNLDCH/AA	AJ012JNLDCH/AA	AJ018JNLDCH/AA
PERFORMANCE	CAPACITY	COOLING	9,000 Btu/h	12,000 Btu/h	18,000 Btu/h
		HEATING	10,000 Btu/h	13,000 Btu/h	19,000 Btu/h
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
	MAX. BREAKER		See Outdoor Unit	See Outdoor Unit	See Outdoor Unit
DIMENSIONS	W X H X D		35 7/16 X 7 13/16 X 23 5/8 in.	35 7/16 X 7 13/16 X 23 5/8 in.	43 1/4 X 7 13/16 X 23 5/8 in.
	WEIGHT		51.37 lbs.	51.37 lbs.	63.93 lbs.
	DUCT CONNECTIONS	SUPPLY	33 7/8 X 6 in.	33 7/8 X 6 in.	41 3/4 X 6 in.
RETURN		30 9/16 X 6 11/16 in.	30 9/16 X 6 11/16 in.	38 7/16 X 6 11/16 in.	
SOUND PRESSURE LEVEL	LOW / HIGH		25 / 30 dB(A)	27 / 32 dB(A)	30 / 33 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	1/4 in.	1/4 in.	1/4 in.
		LOW SIDE (FLARE)	3/8 in.	3/8 in.	1/2 in.
	CONDENSATE CONNECTION		1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID
EVAPORATOR FAN	TYPE		Sirocco Fan	Sirocco Fan	Sirocco Fan
	AIR VOLUME	CFM (L / M / H)	293 / 318 / 343	346 / 353 / 374	523 / 547 / 583
	STATIC PRESSURE	STANDARD	0.08 in. WC	0.08 in. WC	0.08 in. WC
MIN. / MAX.		0.04 / 0.16 in. WC	0.04 / 0.16 in. WC	0.04 / 0.16 in. WC	
ACCESSORIES	WIRED CONTROLLER	STANDARD	MWR-WH02	MWR-WH02	MWR-WH02
		PREMIUM	MWR-WE13	MWR-WE13	MWR-WE13
	THERMOSTAT ADAPTER (24VAC)		TADPT2	TADPT2	TADPT2
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA	MRW-TA
	EXTERNAL CONTACT CONTROL		MIM-B14	MIM-B14	MIM-B14
	CONDENSATE PUMP W/ FLOAT SWITCH		MDP-E075SEE3	MDP-E075SEE3	MDP-E075SEE3
LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2506	25' - ILS2506	25' - ILS2507	
		50' - ILS5006	50' - ILS5006	50' - ILS5007	



Product registration required.  
Conditions apply.



The AHRI Certified® mark indicates Samsung's participation in the AHRI Certification program. For verification of individual certified products, go to [www.ahridirectory.org](http://www.ahridirectory.org).



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Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.

# WIND-FREE™\* MINI 4-WAY CASSETTE

SPECIFICATIONS - 9,000 | 12,000 | 18,000

MODEL	INDOOR UNIT		AJ009NBNDCH/AA	AJ012NBNDCH/AA	AJ018NBNDCH/AA
PERFORMANCE	CAPACITY	COOLING	8,900 Btu/h	11,900 Btu/h	17,700 Btu/h
		HEATING	9,900 Btu/h	13,000 Btu/h	19,100 Btu/h
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
	MAX. BREAKER		See Outdoor Unit	See Outdoor Unit	See Outdoor Unit
DIMENSIONS	W X H X D		22.5/8 X 9 7/8 X 22 5/8 in.	22.5/8 X 9 7/8 X 22 5/8 in.	22.5/8 X 9 7/8 X 22 5/8 in.
	WEIGHT		24.25 lbs.	24.25 lbs.	25.79 lbs.
SOUND PRESSURE LEVEL	LOW / HIGH		27 / 33 dB(A)	27 / 35 dB(A)	32 / 39 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	1/4 in.	1/4 in.	1/4 in.
		LOW SIDE (FLARE)	3/8 in.	3/8 in.	1/2 in.
	CONDENSATE CONNECTION		1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID
EVAPORATOR FAN	TYPE		Turbo Fan	Turbo Fan	Turbo Fan
	AIR VOLUME	CFM (L / M / H)	244 / 290 / 350	261 / 318 / 378	261 / 318 / 378
FASCIA PANEL (SOLD SEPARATELY)	STANDARD SIZE	MODEL	PC4SUFMAN	PC4SUFMAN	PC4SUFMAN
		L X W X H	24 3/8 X 24 3/8 X 2 1/4 in.	24 3/8 X 24 3/8 X 2 1/4 in.	24 3/8 X 24 3/8 X 2 1/4 in.
		WEIGHT	5.95 lbs.	5.95 lbs.	5.95 lbs.
ACCESSORIES	WIRED CONTROLLER	STANDARD	MWR-WH02	MWR-WH02	MWR-WH02
		PREMIUM	MWR-WE13	MWR-WE13	MWR-WE13
	WIRELESS CONTROLLER		AR-EH03E	AR-EH03E	AR-EH03E
	THERMOSTAT ADAPTER (24VAC)		TADPT2	TADPT2	TADPT2
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA	MRW-TA
	EXTERNAL CONTACT CONTROL		MIM-B14	MIM-B14	MIM-B14
	MOTION DETECTION SENSOR <sup>1</sup>		MCR-SMD	MCR-SMD	MCR-SMD
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2506	25' - ILS2506	25' - ILS2507
		50' - ILS5006	50' - ILS5006	50' - ILS5007	



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<sup>1</sup> Compatible with PC4SUFMAN Fascia Panel

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\*The Wind-Free™ unit delivers an air current that is under 0.15 m/s while in Wind-Free™ mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE 55-2013 (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

# WHISPER

## SPECIFICATIONS - 7,000 | 9,000 | 12,000

MODEL	INDOOR UNIT		AJ007JNADCH/AA	AJ009JNADCH/AA	AJ012JNADCH/AA
PERFORMANCE	CAPACITY	COOLING	7,000 Btu/h	9,000 Btu/h	12,000 Btu/h
		HEATING	7,500 Btu/h	10,900 Btu/h	14,000 Btu/h
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
	MAX. BREAKER		See Outdoor Unit	See Outdoor Unit	See Outdoor Unit
DIMENSIONS	W X H X D		32 1/2 X 10 1/4 X 10 1/4 in.	32 1/2 X 10 1/4 X 10 1/4 in.	32 1/2 X 10 1/4 X 10 1/4 in.
	WEIGHT		21.0 lbs.	21.0 lbs.	21.0 lbs.
SOUND PRESSURE LEVEL	LOW / HIGH		18 / 38 dB(A)	18 / 38 dB(A)	18 / 39 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	1/4 in.	1/4 in.	1/4 in.
		LOW SIDE (FLARE)	3/8 in.	3/8 in.	3/8 in.
EVAPORATOR FAN	TYPE		Crossflow Fan	Crossflow Fan	Crossflow Fan
	AIR VOLUME	CFM (L / M / H)	247 / 261 / 297	265 / 300 / 353	265 / 318 / 388
ACCESSORIES	WIRED CONTROLLER	STANDARD <sup>1</sup>	AR-WRS02	AR-WRS02	AR-WRS02
		PREMIUM <sup>2</sup>	AR-WRP2	AR-WRP2	AR-WRP2
	THERMOSTAT ADAPTER (24VAC)		TADPT2	TADPT2	TADPT2
	WIRELESS CONTROLLER		Included	Included	Included
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA	MRW-TA
	EXTERNAL CONTACT CONTROL		MIM-B14	MIM-B14	MIM-B14
	CONDENSATE PUMP		ASP-MO-UNIV 110-250	ASP-MO-UNIV 110-250	ASP-MO-UNIV 110-250
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2506 50' - ILS5006	25' - ILS2506 50' - ILS5006	25' - ILS2506 50' - ILS5006



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<sup>1</sup> AR-WRS02 control option includes MWR-WH02 standard wired controller and connection kit.

<sup>2</sup> AR-WRP2 control option includes MWR-WE13 premium wired controller and connection kit.

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# WHISPER

## SPECIFICATIONS - 18,000 | 24,000

MODEL	INDOOR UNIT		AJ018JNADCH/AA	AJ024JNADCH/AA
PERFORMANCE	CAPACITY	COOLING	17,100 Btu/h	22,000 Btu/h
		HEATING	20,000 Btu/h	25,000 Btu/h
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60	1 / 208-230 / 60
	MAX. BREAKER		See Outdoor Unit	See Outdoor Unit
DIMENSIONS	W X H X D		41 7/8 X 11 7/8 X 11 1/2 in.	41 7/8 X 11 7/8 X 11 1/2 in.
	WEIGHT		29.1 lbs.	31.1 lbs.
SOUND PRESSURE LEVEL	LOW / HIGH		20 / 42 dB(A)	25 / 43 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	1/4 in.	1/4 in.
		LOW SIDE (FLARE)	1/2 in.	5/8 in.
EVAPORATOR FAN	TYPE		Crossflow Fan	Crossflow Fan
	AIR VOLUME	CFM (L / M / H)	459 / 494 / 600	424 / 494 / 636
ACCESSORIES	WIRED CONTROLLER	STANDARD <sup>1</sup>	AR-WRS02	AR-WRS02
		PREMIUM <sup>2</sup>	AR-WRP2	AR-WRP2
	THERMOSTAT ADAPTER (24VAC)		TADPT2	TADPT2
	WIRELESS CONTROLLER		Included	Included
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA
	EXTERNAL CONTACT CONTROL		MIM-B14	MIM-B14
	CONDENSATE PUMP		ASP-MO-UNIV 110-250	ASP-MO-UNIV 110-250
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2507 50' - ILS5007	25' - ILS2509 50' - ILS5009



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<sup>1</sup> AR-WRS02 control option includes MWR-WH02 standard wired controller and connection kit.

<sup>2</sup> AR-WRP2 control option includes MWR-WE13 premium wired controller and connection kit.

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# FREE JOINT MULTI (FJM)

## SPECIFICATIONS - 18,000 | 24,000 | 36,000

MODEL	OUTDOOR UNIT	AJ020JCJ2CH/AA	AJ024JCJ3CH/AA	AJ036JCJ5CH/AA	
TONS	NOMINAL	1.5	2	3	
MAX. INDOOR UNIT CONNECTION	QUANTITY	2	2 - 3	2 - 5	
PERFORMANCE	CAPACITY	COOLING	17,000 Btu/h	22,000 Btu/h	36,000 Btu/h
		HEATING	22,000 Btu/h	25,000 Btu/h	40,000 Btu/h
	MIN. COOLING CAPACITY	6,500 Btu/h	7,500 Btu/h	9,500 Btu/h	
	MIN. HEATING CAPACITY	3,500 Btu/h	4,300 Btu/h	7,600 Btu/h	
	MAX. INDOOR UNIT CONNECTION RATIO (%)	140%	135%	125%	
	SEER (DUCTED / NON-DUCTED)	17.0 / 18.5	16.0 / 18.0	16.5 / 18.5	
	EER (DUCTED / NON-DUCTED)	11.1 / 12.2	10.1 / 12.1	9.8 / 10.4	
HSPF (DUCTED / NON-DUCTED)	8.7 / 9.0	8.7 / 9.0	9.0 / 9.5		
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
	MAX. BREAKER		15 A	25 A	30 A
	MIN. CIRCUIT AMPACITY		11 A	16.9 A	18.2 A
DIMENSIONS	W X H X D		34 5/8 x 31 7/16 x 12 7/32 in.	34 5/8 x 31 7/16 x 12 7/32 in.	37 X 39 9/32 X 13 in.
	WEIGHT		126 lbs.	143 lbs.	164 lbs.
SOUND PRESSURE LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	48 dB(A)	49 dB(A)	54 dB(A)
OPERATING TEMPERATURE	COOLING		23 ≤ T ≤ 115°F	23 ≤ T ≤ 115°F	14 ≤ T ≤ 115°F
	HEATING		5 ≤ T ≤ 75°F	5 ≤ T ≤ 75°F	5 ≤ T ≤ 75°F
PIPE CONNECTIONS	OUTDOOR	HIGH SIDE (FLARE)	1/4 in. X 2	1/4 in. X 3	1/4 in. X 5
		LOW SIDE (FLARE)	3/8 in. X 2	3/8 in. X 2 + 1/2 in. X 1	3/8 in. X 2 + 1/2 in. X 3
	INCLUDED PIPE ADAPTERS		-	1 - 1/2 in. X 3/8 in.	3 - 1/2 in. X 3/8 in. 2 - 1/2 in. X 5/8 in.
	MAX. LINE SET LENGTH (INDIVIDUAL)		82 ft.	82 ft.	82 ft.
	MAX. LINE SET LENGTH (TOTAL)		164 ft.	230 ft.	262 ft.
	MAX. VERTICAL SEPARATION	ODU TO IDU	49 ft.	49 ft.	49 ft.
	IDU TO IDU	25 ft.	25 ft.	25 ft.	
REFRIGERANT	TYPE		R410A	R410A	R410A
	CONTROL METHOD		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
	FACTORY CHARGE		77.6 oz.	98.7 oz.	116.5 oz.
	CHARGED FOR		98 ft.	131 ft.	131 ft.
COMPRESSOR	TYPE		Inverter Driven, Twin-BLDC, Rotary	Inverter Driven, Twin-BLDC, Rotary	Inverter Driven, Twin-BLDC, Rotary
CONDENSER FAN	MOTOR		BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (1)
	CFM (MAX.)		1,448	1,468	2,210
ACCESSORIES	WI-FI ADAPTER		MIM-H03U	MIM-H03U	MIM-H03U
	CENTRAL CONTROL INTERFACE MODULE FOR CONNECTION TO DVM PLUS CONTROLS (NON-NASA)		MIM-N01	MIM-N01	MIM-N01
	WALL BRACKET (FOR OUTDOOR UNIT)		CKN-250	CKN-250	CKN-250
	WIND BAFFLE/GUARD	FRONT	WBF-4M	WBF-4M	WBF-2M
		BACK	WBB-1M	WBB-1M	WBB-3M



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# FREE JOINT MULTI (FJM) MAX HEAT™

SPECIFICATIONS - 20,000 | 24,000 | 30,000



MODEL	OUTDOOR UNIT		AJ020MCS3CH/AA	AJ024MCS4CH/AA	AJ030MCS4CH/AA
TONS	NOMINAL		1.75	2.1	2.4
MAX. INDOOR UNIT CONNECTION	QUANTITY		2-3	2-4	2-4
PERFORMANCE	CAPACITY	COOLING	21,000 Btu/h	25,000 Btu/h	28,400 Btu/h
		HEATING	22,000 Btu/h	25,000 Btu/h	28,600 Btu/h
	MIN. COOLING CAPACITY		7,500 Btu/h	7,500 Btu/h	7,500 Btu/h
	MIN. HEATING CAPACITY		7,600 Btu/h	7,600 Btu/h	7,600 Btu/h
	MAX. INDOOR UNIT CONNECTION RATIO (%)		128%	128%	140%
	SEER (DUCTED / NON-DUCTED)		15.5 / 18.0	16.0 / 19.0	17.0 / 18.0
	EER (DUCTED / NON-DUCTED)		11.4 / 12.5	10.6 / 12.5	10.5 / 12.5
HSPF (DUCTED / NON-DUCTED)		9.5 / 10.0	9.5 / 10.0	9.8 / 11.0	
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
	MAX. BREAKER		30 A	30 A	30 A
	MIN. CIRCUIT AMPACITY		18.5 A	18.5 A	18.5 A
DIMENSIONS	W X H X D		37 X 39 9/32 X 13 in.	37 X 39 9/32 X 13 in.	37 X 39 9/32 X 13 in.
	WEIGHT		167 lbs.	168 lbs.	164 lbs.
SOUND PRESSURE LEVEL	OUTDOOR	COOLING / HEATING (HIGH)	54 / 58 dB(A)	54 / 58 dB(A)	54 / 58 dB(A)
OPERATING TEMPERATURE	COOLING		14 ≤ T ≤ 115°F	14 ≤ T ≤ 115°F	14 ≤ T ≤ 115°F
	HEATING		-13 ≤ T ≤ 75°F	-13 ≤ T ≤ 75°F	-13 ≤ T ≤ 75°F
PIPE CONNECTIONS	OUTDOOR	HIGH SIDE (FLARE)	1/4 in. X 3	1/4 in. X 4	1/4 in. X 4
		LOW SIDE (FLARE)	3/8 in. X 3	3/8 in. X 2 + 1/2 in. X 2	3/8 in. X 2 + 1/2 in. X 2
	INCLUDED PIPE ADAPTERS		-	1/2 in. X 3/8 in. X 2	1/2 in. X 3/8 in. X 1 1/2 in. X 5/8 in. X 1
	MAX. LINE SET LENGTH (INDIVIDUAL)		82 ft.	82 ft.	82 ft.
	MAX. LINE SET LENGTH (TOTAL)		164 ft.	230 ft.	230 ft.
	MAX. VERTICAL SEPARATION	ODU TO IDU	49 ft.	49 ft.	49 ft.
IDU TO IDU		25 ft.	25 ft.	25 ft.	
REFRIGERANT	TYPE		R410A	R410A	R410A
	CONTROL METHOD		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
	FACTORY CHARGE		116.8 oz	116.8 oz	116.8 oz
	CHARGED FOR		131 ft.	131 ft.	131 ft.
COMPRESSOR	TYPE		Inverter Driven, Twin-BLDC, Rotary	Inverter Driven, Twin-BLDC, Rotary	Inverter Driven, Twin-BLDC, Rotary
CONDENSER FAN	MOTOR		BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (1)	BLDC With Axial Type Fan (1)
	CFM (MAX.)		2,472	2,472	2,472
ACCESSORIES	WI-FI ADAPTER		MIM-H03U	MIM-H03U	MIM-H03U
	CENTRAL CONTROL INTERFACE MODULE FOR CONNECTION TO DVM PLUS CONTROLS (NON-NASA)		MIM-N01	MIM-N01	MIM-N01
	WALL BRACKET (FOR OUTDOOR UNIT)		CKN-250	CKN-250	CKN-250
	WIND BAFFLE/GUARD	FRONT	WBF-2M	WBF-2M	WBF-2M
		BACK	WBB-3M	WBB-3M	WBB-3M
CERTIFICATIONS	CERTIFICATIONS / LISTED		ETL (UL 1995)		
	ENERGY STAR® CERTIFIED		Non-Ducted Indoor Units Only	Non-Ducted Indoor Units Only	Non-Ducted Indoor Units Only



Product registration required.  
Conditions apply.



The AHRI Certified® mark indicates Samsung's participation in the AHRI Certification program. For verification of individual certified products, go to [www.ahridirectory.org](http://www.ahridirectory.org).

Select models are ENERGY STAR® labeled.

Proper sizing and installation of equipment is critical to achieve performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).

Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.



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