

SAMSUNG

Free Joint Multi (FJM)

The freedom of flexibility.

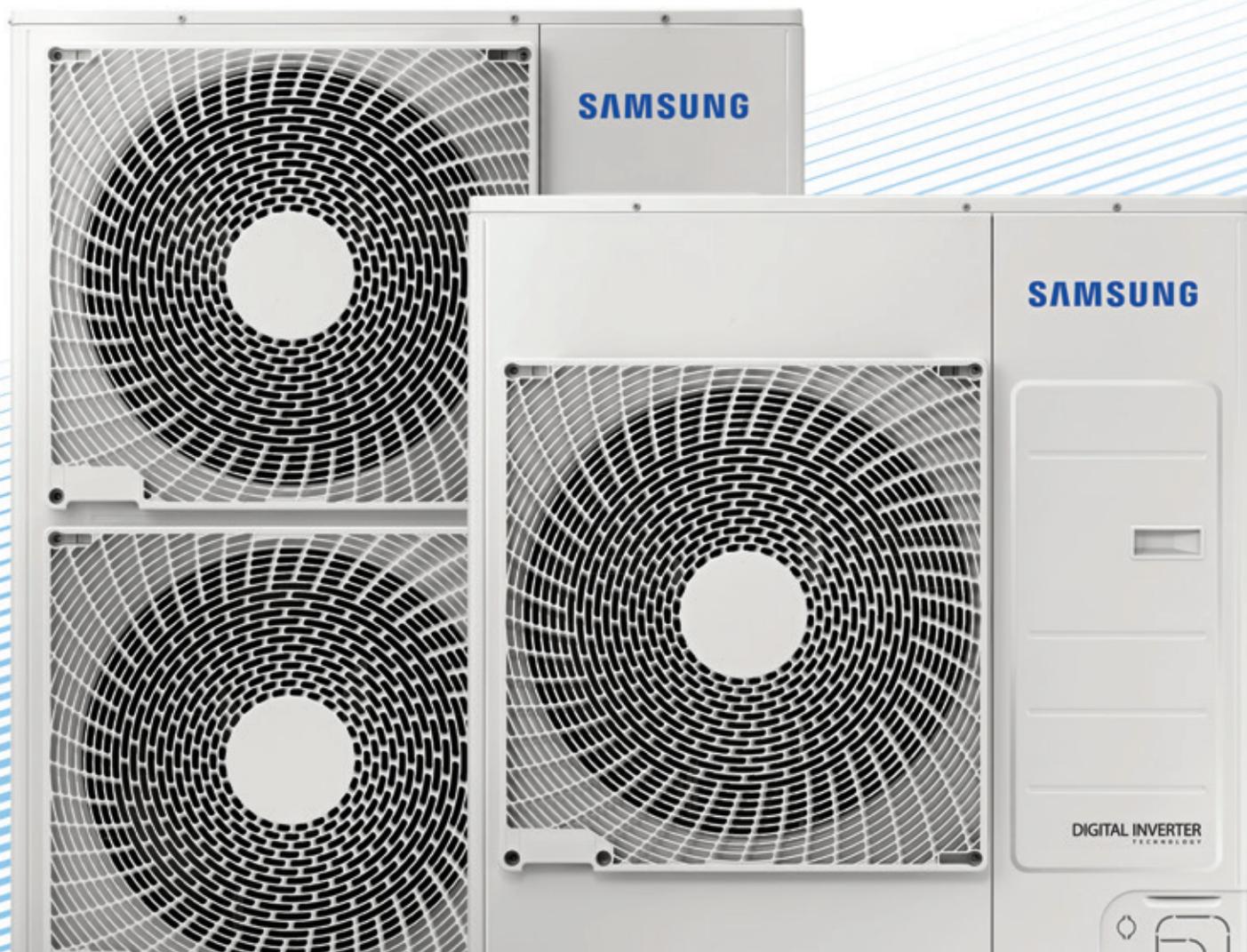
With improved performance and serviceability, FJM multi-zone systems offer maximum flexibility for residential and light commercial applications.



Product Registration Required
Conditions Apply

HVAC. Built brave.

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Outdoor Units

FJM



- Available capacities: 18K, 24K, 36K, and 48K Btu/h
- SEER up to 19.7
- HSPF up to 10.3
- Supports 2 to 5 indoor units
- Select models are Energy Star® labeled
- Operating range
 - Cooling: 14 – 114.8°F (-10.0 – 46.0°C)
 - Heating: 5 – 75°F (-15.0 – 24.0°C)
- Can be configured as Cooling Only, Heating Only or Heating/Cooling

FJM Max Heat®



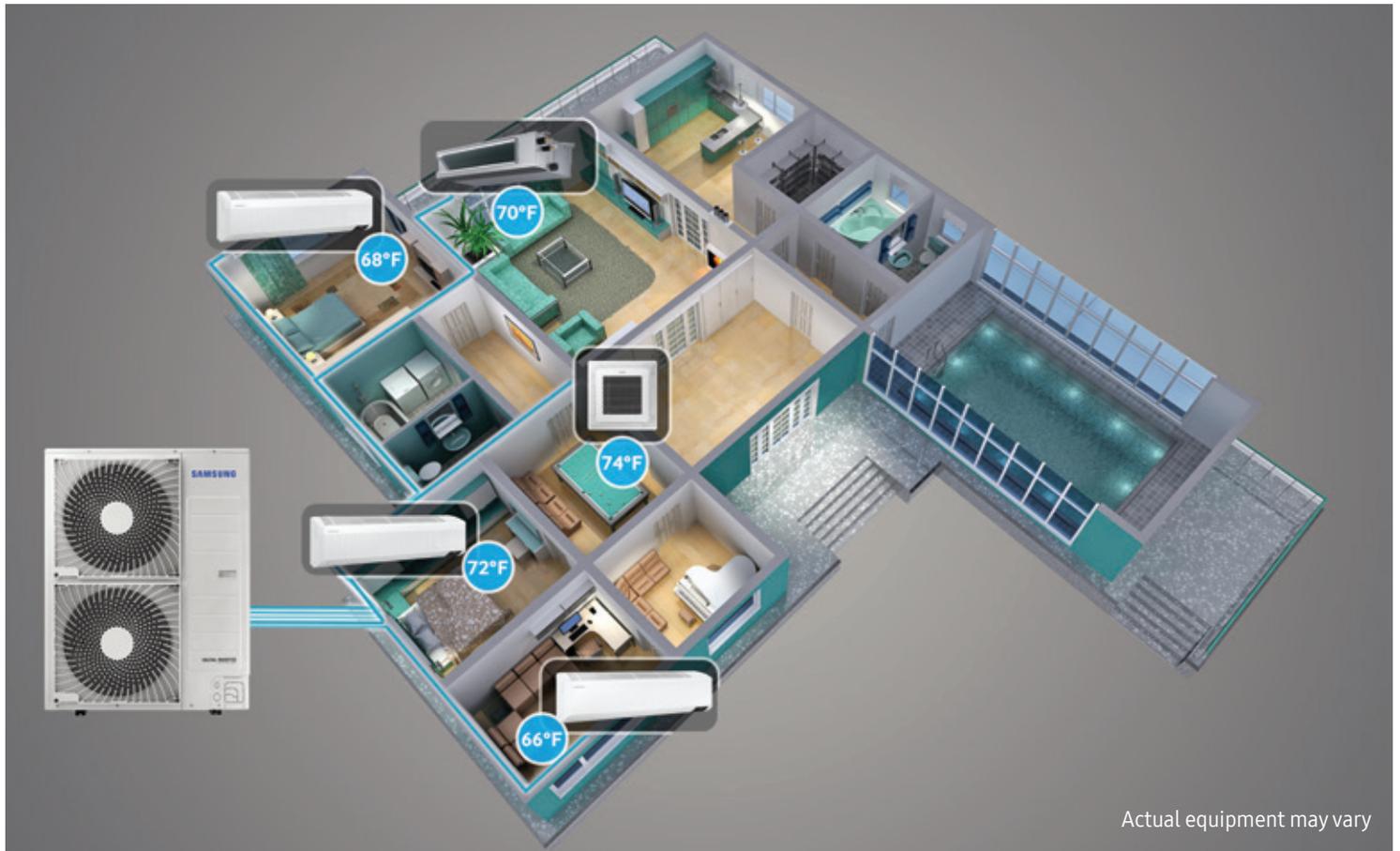
- Available capacities: 20K, 24K, 30K, and 36K Btu/h
- SEER up to 20.0
- HSPF up to 11.0
- Supports 2 to 4 indoor units
- Integral base pan heater as standard
- Select models are Energy Star® labeled
- Operating range
 - Cooling: 14 – 114.8°F (-10.0 – 46.0°C)
 - Heating:
 - -13 - 75°F (-25.0 - 24.0°C)
 - 100% heating capacity at 5°F (-15.0°C)

Features:

- Simplified connection to central controls with direct connection to R1/R2 at the outdoor unit.
- “Home run” piping to each indoor unit
- Compatible with NASA communication protocol controllers
- Twin BLDC compressor for high efficiency, low noise, and vibration.
- One button auto addressing for simple system setup when completing installation.

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.



Indoor Units

Slim Duct

- Available capacities: 9K, 12K and 18K Btu/h
- Single fan motor with three fan speeds and auto setting
- Integral condensate pump with float switch as standard
- 0.2" WC maximum static pressure
- Compatible with FJM and Light Commercial (CAC) outdoor units



Duct S

- Available capacities: 9K, 12K, 15K and 18K Btu/h
- Single fan motor with three fan speeds and auto setting
- Integral condensate pump with float switch as standard
- 0.59" WC maximum static pressure
- Compatible with FJM outdoor units



WindFree™* 2.0

- Available capacities: 7K¹, 9K, 12K, 15K¹, 18K and 24K Btu/h
- WindFree™* Cooling technology
- Built-in Wi-Fi
- Design incorporates interlocking components in place of threaded fasteners to reduce the time and effort it takes to install and service a system.
- Compatible with Residential (RAC) and FJM outdoor units¹
- Wireless controller with holder included as standard.



WindFree™* 2.0e

- Available capacities: 7K¹, 9K, 12K, 15K¹, 18K and 24K Btu/h
- WindFree™* Cooling technology
- Built-in Wi-Fi
- Design incorporates interlocking components in place of threaded fasteners to reduce the time and effort it takes to install and service a system.
- Compatible with Residential (RAC) and FJM outdoor units¹
- Wireless controller with holder included as standard.



*The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree™ 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).
¹7K and 15K Btu/h indoor units are compatible with FJM systems only.

WindFree™* Mini 4-Way Cassette

- Available capacities: 9K, 12K and 18K Btu/h
- WindFree™* Cooling technology
- The panel is designed to fit in a standard 2x2 feet ceiling grid without interfering with adjacent ceiling tiles, lights, or sprinkler systems.
- Compatible with FJM and Light Commercial (CAC) outdoor units



WindFree™* 1-Way Cassette

- Available capacities: 9K and 12K Btu/h
- WindFree™* Cooling technology
- Blade angles can move from 30-80° to reach every corner of the room.
- Compatible with FJM and Light Commercial (CAC) outdoor units



Console

- Available capacities: 9K, 12K, 15K², and 18K Btu/h
- The console unit can be installed sitting on the floor or hanging low on a wall, making it a great option for replacing a radiator in order to provide both heating and cooling in almost any space.
- Compatible with Light Commercial (CAC) and FJM outdoor units²
- Wireless controller with holder included as standard.
- The front panel includes LED indicator lights, touch control (power), wireless control IR receiver, and 1 motorized louver.



Multi-Position Air Handler

- Available capacities: 12K, 18K and 24K Btu/h
- Can be installed in numerous positions (upflow, left, right or downflow) for added installation flexibility.
- 0.8" WC maximum static pressure
- Compatible with FJM outdoor units



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²15K Btu/h indoor unit is compatible with FJM outdoor units only

Controls

Samsung offers a wide range of control solutions to meet the needs of almost any project.



Wireless Remote Controller

- ON/OFF
- Temperature setting
- Operation mode
- Fan speed
- Filter reminder setting
- Single event timer setting
- WindFree™ mode



Touchscreen Wired Controller

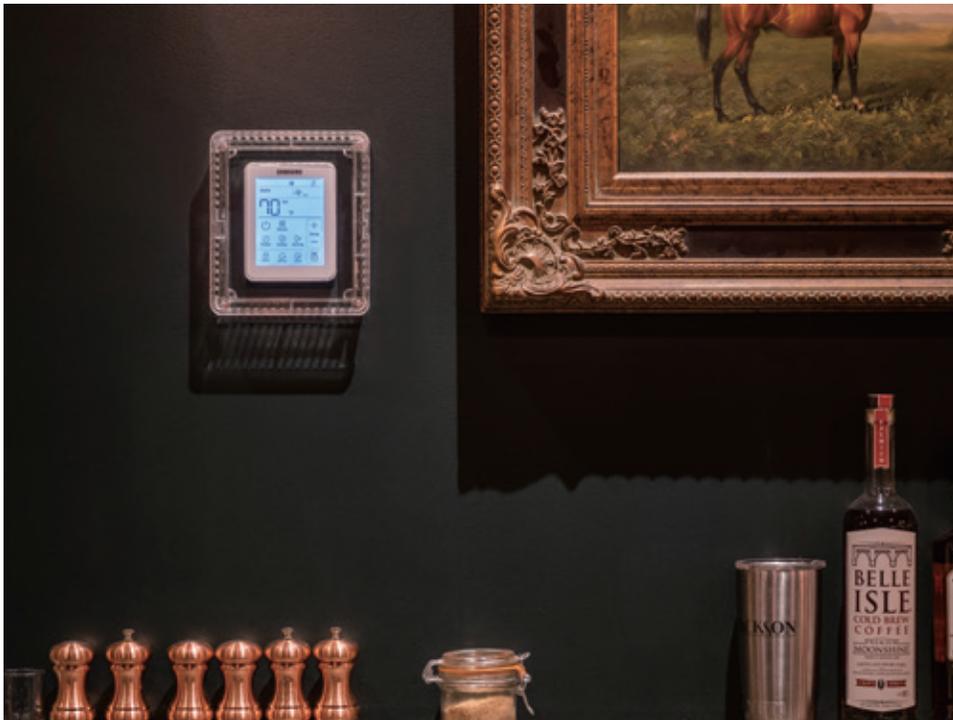
- ON/OFF
- Temperature setting
- Fan speed
- Touchscreen
- LCD backlit screen
- Built-in room temperature sensor
- Louver position setting
- IR receiver
- WindFree™ mode



Advanced Wired Controller

- ON/OFF
- Color screen
- Dual set-point**
- Built-in room temperature sensor
- 7-day programmable scheduling
- Occupied/unoccupied and setback settings
- IR receiver
- Louver position setting
- WindFree™ mode
- Motion Detection Sensor (MDS) indirect/direct airflow control

Additional parts may be required. Please refer to technical documents for all control options, features, and specifications.



Lock box shown is an optional 3rd party accessory

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 **For supported units/systems

Wi-Fi Adapter

Samsung's Wi-Fi Adapter¹ allows for remote control of Samsung FJM indoor units² through the SmartThings app[†]. The app allows users to remotely regulate temperature, adjust settings, receive real-time updates about performance and daily energy usage.



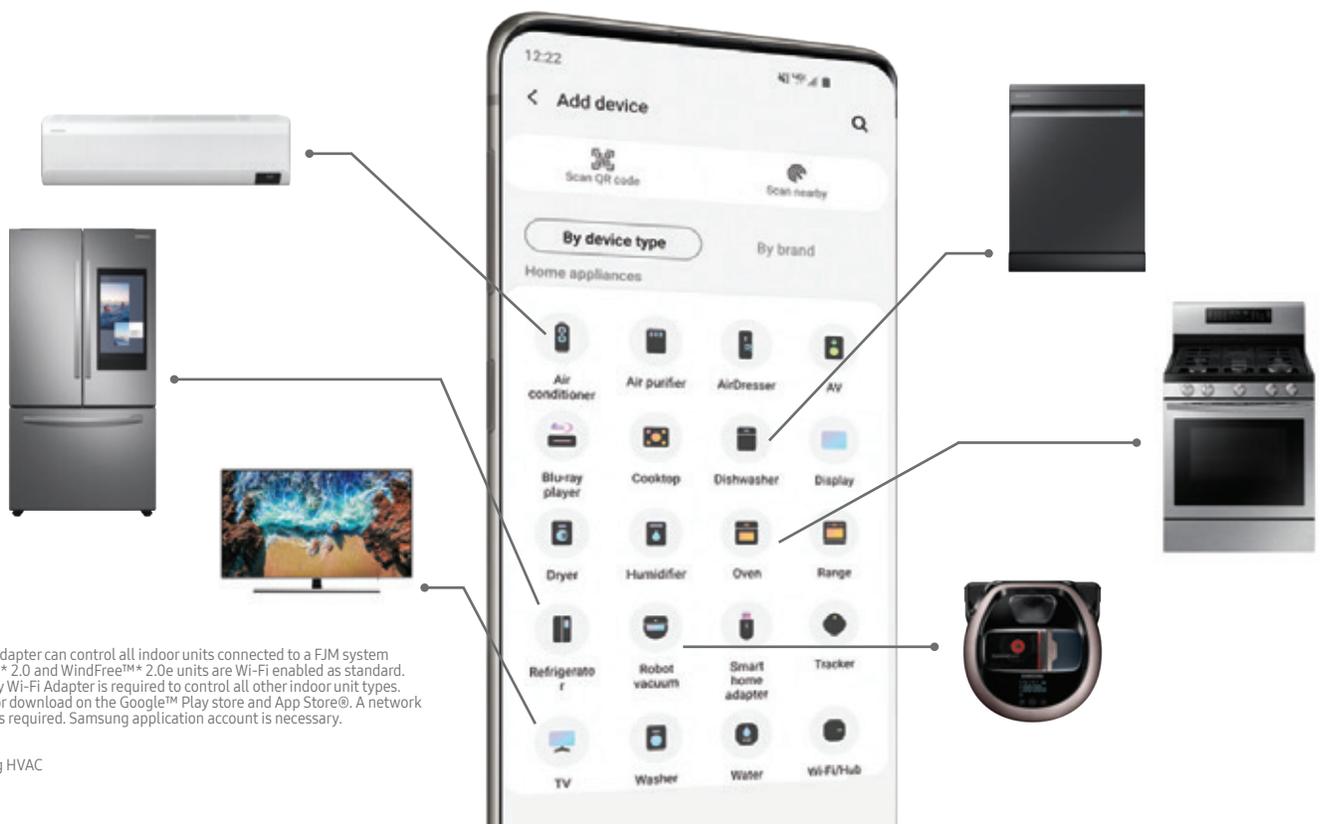
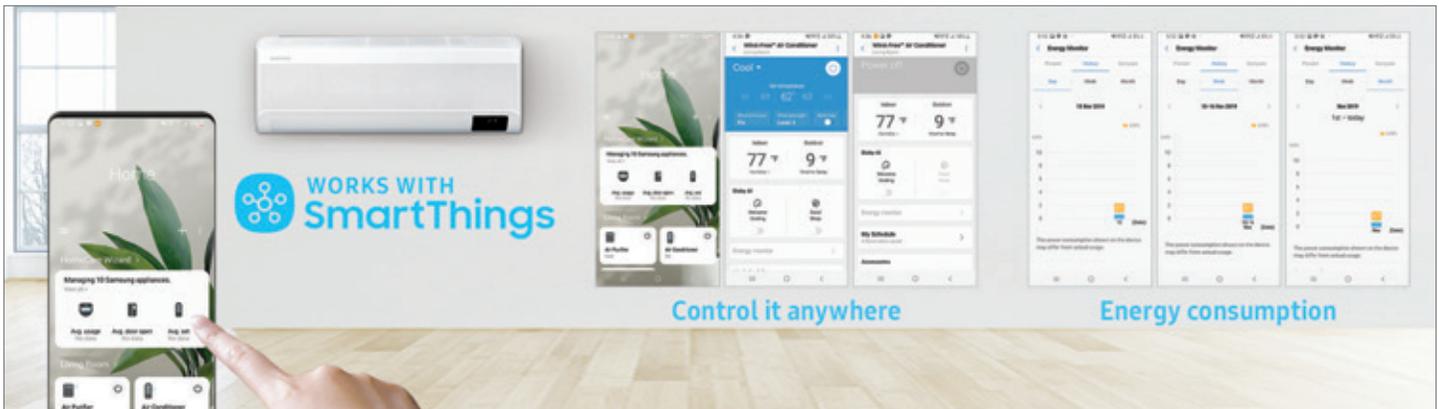
SmartThings Features

Scenes – Control multiple devices with a single tap or voice command through the SmartThings app[†]. A Scene can be used as a part of an Automation.

Automations – Control your devices without manual intervention. Automations can be set to run at certain times on certain days of the week or to trigger when another device reports a certain condition (such as detecting motion or a door or window opening).

Energy Monitoring – View daily, weekly, and monthly energy consumption for your A/C system (for reference use only and not revenue grade).

Geofencing – Detects when the smartphone you're carrying comes in and out of the range you set up on the map, and then triggers the different actions you've set to happen (such as turning your A/C off while you're away, or on when you arrive home).



¹One Wi-Fi Adapter can control all indoor units connected to a FJM system
²WindFree™* 2.0 and WindFree™* 2.0e units are Wi-Fi enabled as standard.
[†]An accessory Wi-Fi Adapter is required to control all other indoor unit types.
[†]Available for download on the Google™ Play store and App Store®. A network connection is required. Samsung application account is necessary.

WindFree™* Mini 4-Way Cassette

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

MODEL	US CODE		CNH09NDB	CNH12NDB	CNH18NDB
	MODEL NUMBER		AC009BNNNDCH/AA	AC012BNNNDCH/AA	AC018BNNNDCH/AA
PERFORMANCE	CAPACITY	COOLING	9,100 Btu/h	10,800 Btu/h	17,400 Btu/h
		HEATING	10,000 Btu/h	13,500 Btu/h	20,000 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
UNIT DIMENSIONS	W X H X D		22 5/8 X 9 13/16 X 22 5/8 in.	22 5/8 X 9 13/16 X 22 5/8 in.	22 5/8 X 9 13/16 X 22 5/8 in.
	WEIGHT		25.6 lbs.	25.6 lbs.	25.6 lbs.
SOUND LEVEL	INDOOR	(L / M / H)	25 / 28 / 31 dB(A)	25 / 30 / 34 dB(A)	29 / 34 / 39 dB(A)
		LIQUID (FLARE)	1/4 in.	1/4 in.	1/4 in.
PIPE CONNECTIONS	INDOOR & OUTDOOR	SUCTION (FLARE)	3/8 in.	3/8 in.	1/2 in.
		DRAIN	1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID
	TYPE		BLDC (1) With Turbo Type Fan (1)	BLDC (1) With Turbo Type Fan (1)	BLDC (1) With Turbo Type Fan (1)
FAN	AIRFLOW	CFM (L / M / H)	212 / 247 / 283	226 / 283 / 325	300 / 336 / 371
	FASCIA PANEL (SOLD SEPARATELY)	WINDFREE™	MODEL NUMBER	PC4SUFMUN	PC4SUFMUN
L X W X H		24 7/16 x 24 7/16 x 1 13/16 in.	24 7/16 x 24 7/16 x 1 13/16 in.	24 7/16 x 24 7/16 x 1 13/16 in.	
WEIGHT		6 lbs.	6 lbs.	6 lbs.	
ACCESSORIES	WIRED CONTROLLER	ADVANCED	MWR-WG00UN	MWR-WG00UN	MWR-WG00UN
		TOUCHSCREEN	MWR-SH11UN	MWR-SH11UN	MWR-SH11UN
	WIRELESS CONTROLLER		AR-EH04U	AR-EH04U	AR-EH04U
	WI-FI ADAPTER†		MIM-H05UN	MIM-H05UN	MIM-H05UN
	MOTION DETECTION SENSOR		MCR-SMD	MCR-SMD	MCR-SMD
	THERMOSTAT ADAPTER (24VAC)		MIM-A60UN	MIM-A60UN	MIM-A60UN
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA	MRW-TA
	EXTERNAL CONTACT CONTROL INTERFACE MODULE		MIM-B14	MIM-B14	MIM-B14
	LINE SETS - INSULATED AND FLARED,		25' - ILS2506	25' - ILS2506	25' - ILS2507
	INTERCONNECT CABLES INCLUDED		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.
*The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree™ 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).
† MIM-H05UN is only required for remote control of cassette, console, and duct indoor units. Only one per system is required.
Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.



WindFree™* 1-Way Cassette

SPECIFICATIONS - 9,000 | 12,000

MODEL	US CODE		CNH091DB	CNH121DB
	MODEL NUMBER		AC009BN1DCH/AA	AC012BN1DCH/AA
PERFORMANCE	CAPACITY	COOLING	9,000 Btu/h	12,000 Btu/h
		HEATING	12,000 Btu/h	14,000 Btu/h
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60	1 / 208-230 / 60
	MAX. BREAKER		See Outdoor Unit	See Outdoor Unit
UNIT DIMENSIONS	W X H X D		38 3/16 X 55/16 X 16 1/8 in.	38 3/16 X 55/16 X 16 1/8 in.
	WEIGHT		20.5lbs.	20.5lbs.
SOUND LEVEL	INDOOR	(L / M / H)	26 / 29 / 32 dB(A)	29 / 32 / 35 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	LIQUID (FLARE)	1/4 in.	1/4 in.
		SUCTION (FLARE)	3/8 in.	3/8 in.
	DRAIN		1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID
FAN	TYPE		BLDC With Crossflow Fan (1)	BLDC With Crossflow Fan (1)
	AIRFLOW	CFM (L / M / H)	205 / 230 / 258	254 / 290 / 318
FASCIA PANEL (SOLD SEPARATELY)	WINDFREE™	MODEL NUMBER	PC1NWFJUN	PC1NWFJUN
		L X W X H	19.69 x 47.17 x 1.38 in.	19.69 x 47.17 x 1.38 in.
		WEIGHT	9.5lbs.	9.5lbs.
ACCESSORIES	WIRED CONTROLLER	ADVANCED	MWR-WG00UN	MWR-WG00UN
		TOUCHSCREEN	MWR-SH11UN	MWR-SH11UN
	WIRELESS CONTROLLER		AR-EH04U	AR-EH04U
	WI-FI ADAPTER ¹		MIM-H05UN	MIM-H05UN
	THERMOSTAT ADAPTER (24VAC)		MIM-A60UN	MIM-A60UN
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA
	EXTERNAL CONTACT CONTROL INTERFACE MODULE		MIM-B14	MIM-B14
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2506 50' - ILS5006	25' - ILS2506 50' - ILS5006



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¹MIM-H05UN is only required for remote control of cassette, console, and duct indoor units. Only one per system is required.
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Console

SPECIFICATIONS - 9,000 | 12,000 | 15,000 | 18,000

MODEL	US CODE		CNH09JDB	CNH12JDB	CNH15JDB	CNH18JDB
	MODEL NUMBER		AC009BNJDCH/AA	AC012BNJDCH/AA	AC015BNJDCH/AA	AC018BNJDCH/AA
PERFORMANCE	CAPACITY	COOLING	9,000 Btu/h	10,200 Btu/h	15,000 Btu/h	17,000 Btu/h
		HEATING	10,100 Btu/h	13,000 Btu/h	18,000 Btu/h	19,000 Btu/h
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
	MAX. BREAKER		See Outdoor Unit	See Outdoor Unit	See Outdoor Unit	See Outdoor Unit
UNIT DIMENSIONS	W X H X D		28 3/8 X 7 13/16 X 24 7/16 in.	28 3/8 X 7 13/16 X 24 7/16 in.	28 3/8 X 7 13/16 X 24 7/16 in.	28 3/8 X 7 13/16 X 24 7/16 in.
	WEIGHT		34.60 lbs.	34.60 lbs.	35.1 lbs.	35.1 lbs.
SOUND LEVEL	INDOOR	(L / M / H)	29 / 31 / 35 dB(A)	33 / 35 / 38 dB(A)	35 / 39 / 42 dB(A)	35 / 39 / 42 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	LIQUID (FLARE)	1/4 in.	1/4 in.	1/4 in.	1/4 in.
		SUCTION (FLARE)	3/8 in.	3/8 in.	1/2 in.	1/2 in.
	DRAIN		1 1/4 in. OD, 1 in. ID			
FAN	TYPE		BLDC (1) With Turbo Type Fan (1)			
	AIRFLOW		CFM (L / M / H)	212 / 240 / 265	220 / 254 / 300	254 / 290 / 318
ACCESSORIES	WIRELESS CONTROLLER		INCLUDED	INCLUDED	INCLUDED	INCLUDED
	WIRED CONTROLLER	ADVANCED	MWR-WG00UN	MWR-WG00UN	MWR-WG00UN	MWR-WG00UN
		TOUCHSCREEN	MWR-SHT1UN	MWR-SHT1UN	MWR-SHT1UN	MWR-SHT1UN
	WI-FI ADAPTER ¹		MIM-H05UN	MIM-H05UN	MIM-H05UN	MIM-H05UN
	THERMOSTAT ADAPTER (24VAC)		MIM-A60UN	MIM-A60UN	MIM-A60UN	MIM-A60UN
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA	MRW-TA	MRW-TA
	EXTERNAL CONTACT CONTROL INTERFACE MODULE		MIM-B14	MIM-B14	MIM-B14	MIM-B14
	CONDENSATE PUMP	ASPEN MINI ORANGE	ASP-MO-UNIV 110-250	ASP-MO-UNIV 110-250	ASP-MO-UNIV 110-250	ASP-MO-UNIV 110-250
		BLUE DIAMOND	BD-BLUE-230	BD-BLUE-230	BD-BLUE-230	BD-BLUE-230
	LINE SETS - INSULATED AND FLARED,		25' - ILS2506	25' - ILS2506	25' - ILS2507	25' - ILS2507
INTERCONNECT CABLES INCLUDED		50' - ILS5006	50' - ILS5006	50' - ILS5007	50' - ILS5007	



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Slim Duct

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

MODEL		US CODE	CNH09LDB	CNH12LDB	CNH18LDB
MODEL NUMBER			AC009BNLDCH/AA	AC012BNLDCH/AA	AC018BNLDCH/AA
PERFORMANCE	CAPACITY	COOLING	9,000 Btu/h	12,000 Btu/h	18,000 Btu/h
		HEATING	12,000 Btu/h	14,000 Btu/h	20,000 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
UNIT DIMENSIONS	W X H X D		35 7/16 X 7 13/16 X 15 3/4 in.	35 7/16 X 7 13/16 X 15 3/4 in.	43 5/16 X 7 13/16 X 15 3/4 in.
	WEIGHT		41.7 lbs.	41.7 lbs.	49.4 lbs.
SOUND LEVEL	INDOOR	(L / M / H)	26 / 30 / 33 dB(A)	27 / 31 / 34 dB(A)	28 / 32 / 35 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	LIQUID (FLARE)	1/4 in.	1/4 in.	1/4 in.
		SUCTION (FLARE)	3/8 in.	3/8 in.	1/2 in.
	DRAIN		1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID	1 1/4 in. OD, 1 in. ID
FAN	TYPE		BLDC (1) With Sirocco Fan (2)	BLDC (1) With Sirocco Fan (2)	BLDC (1) With Sirocco Fan (3)
	AIRFLOW	CFM (L / M / H)	194 / 230 / 283	300 / 353 / 399	353 / 459 / 600
	STATIC PRESSURE	STANDARD	0.1 in. WC	0.1 in. WC	0.1 in. WC
		MIN. / MAX.	0.0 / 0.24 in. WC	0.0 / 0.24 in. WC	0.0 / 0.24 in. WC
ACCESSORIES	WIRED CONTROLLER	ADVANCED	MWR-WG00UN	MWR-WG00UN	MWR-WG00UN
		TOUCHSCREEN	MWR-SH11UN	MWR-SH11UN	MWR-SH11UN
	WIRELESS SIGNAL CONTROL	WIRELESS SIGNAL RECEIVER	MRK-A10N	MRK-A10N	MRK-A10N
		WIRELESS CONTROLLER	AR-EH04U	AR-EH04U	AR-EH04U
	WI-FI ADAPTER ¹		MIM-H05UN	MIM-H05UN	MIM-H05UN
	THERMOSTAT ADAPTER (24VAC)		MIM-A60UN	MIM-A60UN	MIM-A60UN
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA	MRW-TA
	EXTERNAL CONTACT CONTROL INTERFACE MODULE		MIM-B14	MIM-B14	MIM-B14
	FILTER BOX		FB-SLIM2	FB-SLIM2	FB-SLIM3
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2506	25' - ILS2506	25' - ILS2507
		50' - ILS5006	50' - ILS5006	50' - ILS5007	



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Duct S

SPECIFICATIONS - 9,000 | 12,000 | 15,000 | 18,000

MODEL	US CODE		JNH09HDB	JNH12HDB	JNH15HDB	JNH18HDB
	MODEL NUMBER		AJ009BNHDCH/AA	AJ012BNHDCH/AA	AJ015BNHDCH/AA	AJ018BNHDCH/AA
PERFORMANCE	CAPACITY	COOLING	9,000 Btu/h	12,000 Btu/h	15,000 Btu/h	18,000 Btu/h
		HEATING	12,000 Btu/h	14,000 Btu/h	18,000 Btu/h	21,000 Btu/h
POWER	VOLTAGE	φ / V / Hz	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
	MAX. BREAKER		See Outdoor Unit	See Outdoor Unit	See Outdoor Unit	See Outdoor Unit
UNIT DIMENSIONS	W X H X D		33 7/16 X 9 13/16 X 27 9/16 in.	33 7/16 X 9 13/16 X 27 9/16 in.	33 7/16 X 9 13/16 X 27 9/16 in.	33 7/16 X 9 13/16 X 27 9/16 in.
	WEIGHT		58.9 lbs.	58.9 lbs.	58.9 lbs.	58.9 lbs.
SOUND LEVEL	INDOOR	(L / M / H)	23 / 27 / 30 dB(A)	25 / 28 / 31 dB(A)	25 / 29 / 33 dB(A)	26 / 30 / 34 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	LIQUID (FLARE)	1/4 in.	1/4 in.	1/4 in.	1/4 in.
		SUCTION (FLARE)	3/8 in.	3/8 in.	1/2 in.	1/2 in.
	DRAIN		1 1/4 in. OD, 1 in. ID			
FAN	TYPE		Sirocco (2)	Sirocco (2)	Sirocco (2)	Sirocco (2)
	AIRFLOW	CFM (L / M / H)	243 / 258 / 297	258 / 314 / 399	307 / 374 / 441	346 / 417 / 502
	STATIC PRESSURE	STANDARD	0.18 in. WC	0.18 in. WC	0.18 in. WC	0.18 in. WC
MIN. / MAX.		0.10 / 0.59 in. WC	0.10 / 0.59 in. WC	0.10 / 0.59 in. WC	0.10 / 0.59 in. WC	
ACCESSORIES	WIRED CONTROLLER	ADVANCED	MWR-WG00UN	MWR-WG00UN	MWR-WG00UN	MWR-WG00UN
		TOUCHSCREEN	MWR-SH11UN	MWR-SH11UN	MWR-SH11UN	MWR-SH11UN
	WIRELESS SIGNAL CONTROL	WIRELESS SIGNAL RECEIVER	MRK-A10N	MRK-A10N	MRK-A10N	MRK-A10N
		WIRELESS CONTROLLER	AR-EH04U	AR-EH04U	AR-EH04U	AR-EH04U
	WI-FI ADAPTER ¹		MIM-H05UN	MIM-H05UN	MIM-H05UN	MIM-H05UN
	THERMOSTAT ADAPTER (24VAC)		MIM-A60UN	MIM-A60UN	MIM-A60UN	MIM-A60UN
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA	MRW-TA	MRW-TA
	EXTERNAL CONTACT CONTROL INTERFACE MODULE		MIM-B14	MIM-B14	MIM-B14	MIM-B14
	FILTER BOX		FB-DS1	FB-DS1	FB-DS1	FB-DS1
LINE SETS - INSULATED AND FLARED,		25' - ILS2506	25' - ILS2506	25' - ILS2507	25' - ILS2507	
INTERCONNECT CABLES INCLUDED		50' - ILS5006	50' - ILS5006	50' - ILS5007	50' - ILS5007	



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Conditions Apply



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Multi-Position Air Handler

SPECIFICATIONS - 12,000 | 18,000 | 24,000

MODEL	US CODE		CNH12ZDB	CNH18ZDB	CNH24ZDB
	MODEL NUMBER		AC012BNZDCH/AA	AC018BNZDCH/AA	AC024BNZDCH/AA
PERFORMANCE	CAPACITY	COOLING	12,000 Btu/h	18,000 Btu/h	24,000 Btu/h
		HEATING	13,500 Btu/h	20,000 Btu/h	27,000 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
UNIT DIMENSIONS	W X H X D		17 1/2 x 43 x 21 3/4 in.	17 1/2 x 43 x 21 3/4 in.	17 1/2 x 43 x 21 3/4 in.
	WEIGHT		95.9 lbs.	98.1 lbs.	98.1 lbs.
SOUND LEVEL	INDOOR	(L / M / H)	25 / 28 / 31 dB(A)	25 / 29 / 33 dB(A)	26 / 30 / 34 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	LIQUID (FLARE)	1/4 in.	1/4 in.	1/4 in.
		SUCTION (FLARE)	3/8 in.	1/2 in.	1/2 in.
	DRAIN		3/4" FNPT	3/4" FNPT	3/4" FNPT
FAN	TYPE		Double-inlet, forward curve, centrifugal (with ECM motor)	Double-inlet, forward curve, centrifugal (with ECM motor)	Double-inlet, forward curve, centrifugal (with ECM motor)
	AIRFLOW	CFM (L / M / H)	244 / 286 / 374	494 / 530 / 600	547 / 636 / 759
	STATIC PRESSURE	STANDARD	0.4 in. WC	0.58 in. WC	0.58 in. WC
		MIN. / MAX.	0.10 / 0.50 in. WC	0 / 0.80 in. WC	0 / 0.80 in. WC
ACCESSORIES	WIRED CONTROLLER	ADVANCED	MWR-WG00UN	MWR-WG00UN	MWR-WG00UN
		TOUCHSCREEN	MWR-SH11UN	MWR-SH11UN	MWR-SH11UN
	WIRELESS SIGNAL CONTROL	WIRELESS SIGNAL RECEIVER	MRK-A10N	MRK-A10N	MRK-A10N
		WIRELESS CONTROLLER	AR-EH04U	AR-EH04U	AR-EH04U
	WI-FI ADAPTER ¹		MIM-H05UN	MIM-H05UN	MIM-H05UN
	THERMOSTAT ADAPTER (24VAC)		MIM-A60UN	MIM-A60UN	MIM-A60UN
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA	MRW-TA
	EXTERNAL CONTACT CONTROL INTERFACE MODULE		MIM-B14	MIM-B14	MIM-B14
	FILTER BASE		VFB-1	VFB-1	VFB-1
	SUPPLEMENTAL ELECTRIC HEAT KIT	MODEL NUMBER	VHK-103A (3 kW)	VHK-103A (3 kW) VHK-105A (5 kW)	VHK-103A (3 kW) VHK-105A (5 kW)
	DOWNFLOW CONVERSION KIT	MODEL NUMBER	VDK-1	VDK-1	VDK-1
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2506	25' - ILS2507	25' - ILS2507
		50' - ILS5006	50' - ILS5007	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.
¹ MIM-H05UN is only required for remote control of cassette, console, and duct indoor units. Only one per system is required.
Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.



WindFree™* 2.0

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

MODEL	US CODE		RNS07ABT	RNS09ABT	RNS12ABT
	MODEL NUMBER		AR07TSFABWKNCV	AR09TSFABWKNCV	AR12TSFABWKNCV
PERFORMANCE	CAPACITY	COOLING	7,000 Btu/h	9,000 Btu/h	12,000 Btu/h
		HEATING	7,500 Btu/h	11,000 Btu/h	12,000 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
UNIT DIMENSIONS	W X H X D		35 X 11 3/4 X 8 7/16 in.	35 X 11 3/4 X 8 7/16 in.	35 X 11 3/4 X 8 7/16 in.
	WEIGHT		23.4 lbs.	23.4 lbs.	23.4 lbs.
SOUND LEVEL	INDOOR	(L / H)	23 / 38 dB(A)	23 / 38 dB(A)	23 / 39 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	LIQUID (FLARE)	1/4 in.	1/4 in.	1/4 in.
		SUCTION (FLARE)	3/8 in.	3/8 in.	3/8 in.
FAN	TYPE		BLDC with Crossflow Fan	BLDC with Crossflow Fan	BLDC with Crossflow Fan
	AIRFLOW (L / M / H / TURBO)	COOLING (CFM)	258 / 297 / 323 / 350	258 / 298 / 337 / 364	250 / 301 / 340 / 378
ACCESSORIES	WIRELESS CONTROLLER		INCLUDED	INCLUDED	INCLUDED
	WIRED CONTROLLER ¹	ADVANCED	MWR-WG00UN	MWR-WG00UN	MWR-WG00UN
		TOUCHSCREEN	MWR-SH11UN	MWR-SH11UN	MWR-SH11UN
	WIRED CONTROLLER SUB-PCB		MIM-A00UN	MIM-A00UN	MIM-A00UN
	THERMOSTAT ADAPTER (24VAC)		MIM-A60UN	MIM-A60UN	MIM-A60UN
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA	MRW-TA
	EXTERNAL CONTACT CONTROL INTERFACE MODULE ²		MIM-B14	MIM-B14	MIM-B14
	CONDENSATE PUMP	ASPEN MINI ORANGE	ASP-MO-UNIV 110-250	ASP-MO-UNIV 110-250	ASP-MO-UNIV 110-250
		BLUE DIAMOND	BD-BLUE-230	BD-BLUE-230	BD-BLUE-230
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2506	25' - ILS2506	25' - ILS2506
50' - ILS5006			50' - ILS5006	50' - ILS5006	

SPECIFICATIONS - 15,000 | 18,000 | 24,000

MODEL	US CODE		RNS15ABT	RNS18ABT	RNS24ABT
	MODEL NUMBER		AR15TSFABWKNCV	AR18TSFABWKNCV	AR24TSFABWKNCV
PERFORMANCE	CAPACITY	COOLING	15,000 Btu/h	18,000 Btu/h	21,000 Btu/h
		HEATING	18,000 Btu/h	20,600 Btu/h	27,500 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
UNIT DIMENSIONS	W X H X D		35 X 11 3/4 X 8 7/16 in.	41 17/32 X 11 3/4 X 8 7/16 in.	41 17/32 X 11 3/4 X 8 7/16 in.
	WEIGHT		23.40 lbs.	25.4 lbs.	25.4 lbs.
SOUND LEVEL	INDOOR	(L / H)	23 / 40 dB(A)	28 / 41 dB(A)	30 / 45 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	LIQUID (FLARE)	1/4 in.	1/4 in.	1/4 in.
		SUCTION (FLARE)	3/8 in.	1/2 in.	5/8 in.
FAN	TYPE		BLDC with Crossflow Fan	BLDC with Crossflow Fan	BLDC with Crossflow Fan
	AIRFLOW (L / M / H / TURBO)	COOLING (CFM)	260 / 313 / 366 / 406	427 / 481 / 536 / 572	484 / 560 / 636 / 711
ACCESSORIES	WIRELESS CONTROLLER		INCLUDED	INCLUDED	INCLUDED
	WIRED CONTROLLER ¹	ADVANCED	MWR-WG00UN	MWR-WG00UN	MWR-WG00UN
		TOUCHSCREEN	MWR-SH11UN	MWR-SH11UN	MWR-SH11UN
	WIRED CONTROLLER SUB-PCB		MIM-A00UN	MIM-A00UN	MIM-A00UN
	THERMOSTAT ADAPTER (24VAC)		MIM-A60UN	MIM-A60UN	MIM-A60UN
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA	MRW-TA
	EXTERNAL CONTACT CONTROL INTERFACE MODULE ²		MIM-B14	MIM-B14	MIM-B14
	CONDENSATE PUMP	ASPEN MINI ORANGE	ASP-MO-UNIV 110-250	ASP-MO-UNIV 110-250	ASP-MO-UNIV 110-250
		BLUE DIAMOND	BD-BLUE-230	BD-BLUE-230	BD-BLUE-230
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2506	25' - ILS2507	25' - ILS2509
50' - ILS5006			50' - ILS5007	50' - ILS5009	



Product Registration Required
Conditions Apply



Air-Conditioning and Refrigeration Institute
Global Recognition. Industry Respect.

The AHRI Certified® mark indicates Samsung's participation in the AHRI Certification program. For verification of individual certified products, go to www.ahridirectory.org.
*The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree™ 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).

¹ Sub-PCB model MIM-A00UN is required when connecting optional wired controllers

² When applying MIM-B14 external contact control interface module, MIM-A00UN wired controller sub-PCB is required.
Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.



WindFree™* 2.0e

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

MODEL	US CODE		RNS07CMB	RNS09CMB	RNS12CMB	
	MODEL NUMBER		AR07BSFCMWKNCV	AR09BSFCMWKNCV	AR12BSFCMWKNCV	
PERFORMANCE	CAPACITY	COOLING	7,000 Btu/h	9,000 Btu/h	12,000 Btu/h	
		HEATING	7,500 Btu/h	11,000 Btu/h	12,000 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	
UNIT DIMENSIONS	W X H X D		32 5/16 X 11 3/4 X 8 7/16 in.	32 5/16 X 11 3/4 X 8 7/16 in.	32 5/16 X 11 3/4 X 8 7/16 in.	
	WEIGHT		20.10 lbs.	20.10 lbs.	20.10 lbs.	
SOUND LEVEL	INDOOR	(L / H)	23 / 38dB(A)	23 / 38dB(A)	23 / 38dB(A)	
		PIPE CONNECTIONS		INDOOR & OUTDOOR	LIQUID (FLARE)	1/4 in.
			SUCTION (FLARE)	3/8 in.	3/8 in.	3/8 in.
FAN	TYPE		BLDC with Crossflow Fan	BLDC with Crossflow Fan	BLDC with Crossflow Fan	
	AIRFLOW (L / M / H / TURBO)	COOLING (CFM)	309 / 322 / 336 / 350	340 / 368 / 382 / 396	309 / 337 / 364 / 378	
		HEATING (CFM)	340 / 354 / 368 / 381	340 / 368 / 382 / 396	343 / 371 / 399 / 413	
	ACCESSORIES		WIRELESS CONTROLLER	INCLUDED	INCLUDED	INCLUDED
	WIRED CONTROLLER ¹	ADVANCED	MWR-WG00UN	MWR-WG00UN	MWR-WG00UN	
		TOUCHSCREEN	MWR-SH11UN	MWR-SH11UN	MWR-SH11UN	
		WIRED CONTROLLER SUB-PCB	MIM-A00UN	MIM-A00UN	MIM-A00UN	
		THERMOSTAT ADAPTER (24VAC)	MIM-A60UN	MIM-A60UN	MIM-A60UN	
		EXTERNAL TEMPERATURE SENSOR	MRW-TA	MRW-TA	MRW-TA	
		EXTERNAL CONTACT CONTROL INTERFACE MODULE ²	MIM-B14	MIM-B14	MIM-B14	
		CONDENSATE PUMP	ASPEN MINI ORANGE	ASP-MO-UNIV 110-250	ASP-MO-UNIV 110-250	
			BLUE DIAMOND	BD-BLUE-230	BD-BLUE-230	
		LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED	25' - ILS2506	25' - ILS2506	25' - ILS2506	
			50' - ILS5006	50' - ILS5006	50' - ILS5006	

SPECIFICATIONS - 15,000 | 18,000 | 24,000

MODEL	US CODE		RNS15CMB	RNS18CMB	RNS24CMB	
	MODEL NUMBER		AR15BSFCMWKNCV	AR18BSFCMWKNCV	AR24BSFCMWKNCV	
PERFORMANCE	CAPACITY	COOLING	15,000 Btu/h	18,000 Btu/h	22,000 Btu/h	
		HEATING	18,000 Btu/h	21,000 Btu/h	24,000 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	
UNIT DIMENSIONS	W X H X D		35 X 11 3/4 X 8 7/16 in.	41 1/2 X 11 13/16 X 8 7/16 in.	41 1/2 X 11 13/16 X 8 7/16 in.	
	WEIGHT		23.40 lbs.	25.40 lbs.	25.40 lbs.	
SOUND LEVEL	INDOOR	(L / H)	40 / 23 dB(A)	25 / 41 dB(A)	28 / 45 dB(A)	
		PIPE CONNECTIONS		INDOOR & OUTDOOR	LIQUID (FLARE)	1/4 in.
			SUCTION (FLARE)	3/8 in.	1/2 in.	5/8 in.
FAN	TYPE		BLDC with Crossflow Fan	BLDC with Crossflow Fan	BLDC with Crossflow Fan	
	AIRFLOW (L / M / H / TURBO)	COOLING (CFM)	260 / 313 / 366 / 406	401 / 435 / 469 / 486	465 / 525 / 584 / 623	
		HEATING (CFM)	280 / 332 / 384 / 423	465 / 525 / 584 / 623	470 / 529 / 589 / 629	
	ACCESSORIES		WIRELESS CONTROLLER	INCLUDED	INCLUDED	INCLUDED
	WIRED CONTROLLER ¹	ADVANCED	MWR-WG00UN	MWR-WG00UN	MWR-WG00UN	
		TOUCHSCREEN	MWR-SH11UN	MWR-SH11UN	MWR-SH11UN	
		WIRED CONTROLLER SUB-PCB	MIM-A00UN	MIM-A00UN	MIM-A00UN	
		THERMOSTAT ADAPTER (24VAC)	MIM-A60UN	MIM-A60UN	MIM-A60UN	
		EXTERNAL TEMPERATURE SENSOR	MRW-TA	MRW-TA	MRW-TA	
		EXTERNAL CONTACT CONTROL INTERFACE MODULE ²	MIM-B14	MIM-B14	MIM-B14	
		CONDENSATE PUMP	ASPEN MINI ORANGE	ASP-MO-UNIV 110-250	ASP-MO-UNIV 110-250	
			BLUE DIAMOND	BD-BLUE-230	BD-BLUE-230	
		LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED	25' - ILS2506	25' - ILS2507	25' - ILS2509	
			50' - ILS5006	50' - ILS5007	50' - ILS5009	



Product Registration Required
Conditions Apply



Globally Recognized. Industry Respected.



*The WindFree™ unit delivers an air current that is under 0.15 m/s while in WindFree™ 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).

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¹ Sub-PCB model MIM-A00UN is required when connecting optional wired controllers

² When applying MIM-B14 external contact control interface module, MIM-A00UN wired controller sub-PCB is required. Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.

Intertek

Free Joint Multi (FJM)

SPECIFICATIONS - 18,000 | 24,000 | 36,000 | 48,000

MODEL	US CODE MODEL NUMBER	JXH20J2B	JXH24J3B	JXH36J4B	JXH48J5B	
TONS	NOMINAL	1.5	2	3	4	
IDU CONNECTION	QUANTITY	2	2-3	2-4	2-5	
PERFORMANCE	CAPACITY (STANDARD / MAX.)	COOLING	18,000 / 18,000 Btu/h	22,000 / 22,000 Btu/h	32,000 / 36,000 Btu/h	47,000 / 48,200 Btu/h
		HEATING	22,000 / 26,400 Btu/h	25,000 / 29,600 Btu/h	36,000 / 42,000 Btu/h	48,500 / 53,600 Btu/h
	MIN. COOLING CAPACITY	5,500 Btu/h	6,500 Btu/h	6,500 Btu/h	6,500 Btu/h	
	MIN. HEATING CAPACITY	3,500 Btu/h	4,300 Btu/h	7,500 Btu/h	7,500 Btu/h	
	SEER (DUCTED / MIXED / NON-DUCTED)	18.00 / 18.75 / 19.50	17.00 / 18.00 / 19.00	16.50 / 18.00 / 19.50	16.00 / 17.85 / 19.70	
	EER (DUCTED / MIXED / NON-DUCTED)	11.10 / 11.90 / 12.70	10.10 / 11.40 / 12.70	9.30 / 10.90 / 12.50	8.60 / 9.55 / 10.50	
	HSPF (DUCTED / MIXED / NON-DUCTED)	9.50 / 9.75 / 10.00	9.00 / 9.50 / 10.00	9.00 / 9.50 / 10.00	9.20 / 9.75 / 10.30	
POWER	VOLTAGE	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60	
	MAX. BREAKER	20.0 A	25.0 A	30.0 A	40.0 A	
	MIN. CIRCUIT AMPACITY	16.5 A	19.5 A	26.0 A	37.0 A	
UNIT DIMENSIONS	W X H X D	34 5/8 x 31 7/16 x 12 3/16 in.	34 5/8 x 31 7/16 x 12 3/16 in.	37 X 39 5/16 X 13 in.	37 X 47 5/8 X 13 in.	
	WEIGHT	116.80 lbs.	125.70 lbs.	168.70 lbs.	192.90 lbs.	
SOUND LEVEL	OUTDOOR	COOLING / HEATING (MAX.)	48 / 51 dB(A)	48 / 51 dB(A)	54 / 56 dB(A)	52 / 55 dB(A)
OPERATING TEMPERATURE	COOLING		14 - 114.8°F	14 - 114.8°F	14 - 114.8°F	14 - 114.8°F
			-10.0 - 46.0°C	-10.0 - 46.0°C	-10.0 - 46.0°C	-10.0 - 46.0°C
	HEATING		5 - 75°F	5 - 75°F	5 - 75°F	5 - 75°F
			-15.0 - 24.0°C	-15.0 - 24.0°C	-15.0 - 24.0°C	-15.0 - 24.0°C
PIPE CONNECTIONS	OUTDOOR	HIGH SIDE (FLARE)	1/4" X 2	1/4" X 3	1/4" X 4	1/4" X 5
		LOW SIDE (FLARE)	3/8" X 1 + 1/2" X 1	3/8" X 1 + 1/2" X 2	3/8" X 2 + 1/2" X 2	3/8" X 2 + 1/2" X 3
	INCLUDED PIPE ADAPTERS	1 - 1/2" x 3/8"	2 - 1/2" X 3/8"	2 - 1/2" X 3/8", 2 - 1/2" X 5/8"	3 - 1/2" X 3/8", 2 - 1/2" X 5/8"	
	MAX. LINE SET LENGTH (INDIVIDUAL)	82 ft.	82 ft.	82 ft.	82 ft.	
	MAX. LINE SET LENGTH (TOTAL)	164 ft.	230 ft.	230 ft.	230 ft.	
	MAX. VERTICAL SEPARATION	ODU TO IDU	49 ft.	49 ft.	49 ft.	49 ft.
	IDU TO IDU	25 ft.	25 ft.	25 ft.	25 ft.	
REFRIGERANT	TYPE	R410A	R410A	R410A	R410A	
	CONTROL METHOD	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	
	FACTORY CHARGE	77.6 oz.	93.5 oz.	109.3 oz.	133.4 oz.	
	CHARGED FOR	98.4 ft.	131 ft.	131 ft.	164 ft.	
COMPRESSOR	TYPE	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter	Twin BLDC Rotary Inverter	
CONDENSER FAN	MOTOR	BLDC with Propeller Fan (1)	BLDC with Propeller Fan (1)	BLDC with Propeller Fan (1)	BLDC with Propeller Fan (2)	
	CFM (MAX.)	1,667	1,667	2,493	3,885	
ACCESSORIES	WALL BRACKET	CKN-250	CKN-250	CKN-250	CKN-250	
	WIND BAFFLE	FRONT	WBF-7M	WBF-7M	WBF-2M-B	WBF-1M2
		BACK	WBB-7M-B	WBB-7M-B	WBB-11M	WBB-2M-B
CERTIFICATIONS	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. 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 match with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov. Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.



FJM Max Heat®

SPECIFICATIONS - 20,000 | 24,000 | 30,000 | 36,000



MODEL	US CODE		JXH20S3B	JXH24S4B	JXH30S4B	JXH36S4B
	MODEL NUMBER		AJ020BX53CH/AA	AJ024BX54CH/AA	AJ030BX54CH/AA	AJ036BX54CH/AA
TONS	NOMINAL		1.75	2	2.5	3
IDU CONNECTION	QUANTITY		2 - 3	2 - 4	2 - 4	2 - 4
PERFORMANCE	CAPACITY (STANDARD / MAX.)	COOLING	21,000 / 21,000 Btu/h	25,000 / 25,000 Btu/h	28,400 / 28,400 Btu/h	34,000 / 39,600 Btu/h
		HEATING	22,000 / 22,000 Btu/h	25,000 / 25,000 Btu/h	28,600 / 28,600 Btu/h	36,600 / 36,600 Btu/h
	MIN. COOLING CAPACITY		5,500 Btu/h	6,500 Btu/h	6,500 Btu/h	6,500 Btu/h
	MIN. HEATING CAPACITY		7,500 Btu/h	7,500 Btu/h	7,500 Btu/h	7,500 Btu/h
	MAX. HEATING CAPACITY AT 5°F (-15.0°C)		22,000 Btu/h	25,000 Btu/h	28,600 Btu/h	36,600 Btu/h
	MAX. HEATING CAPACITY AT -13°F (-25.0°C)		15,380 Btu/h	17,480 Btu/h	20,000 Btu/h	25,590 Btu/h
	SEER (DUCTED / MIXED / NON-DUCTED)		15.50 / 16.75 / 18.00	16.00 / 17.50 / 19.00	17.00 / 18.00 / 19.00	18.00 / 19.00 / 20.00
	EER (DUCTED / MIXED / NON-DUCTED)		11.40 / 12.45 / 13.50	10.60 / 11.80 / 13.00	10.50 / 11.50 / 12.50	11.00 / 11.75 / 12.50
HSPF (DUCTED / MIXED / NON-DUCTED)		9.50 / 9.75 / 10.00	9.50 / 9.75 / 10.00	9.80 / 10.40 / 11.00	9.10 / 9.80 / 10.50	
POWER	VOLTAGE		ø / V / Hz		1 / 208-230 / 60	
	MAX. BREAKER		30.0 A		30.0 A	
	MIN. CIRCUIT AMPACITY		25.5 A		26.0 A	
UNIT DIMENSIONS	W X H X D		37 X 39 5/16 X 13 in.		37 X 39 5/16 X 13 in.	
	WEIGHT		170.90 lbs.		173.10 lbs.	
SOUND LEVEL	OUTDOOR	COOLING / HEATING (MAX.)	54 / 58 dB(A)	54 / 58 dB(A)	54 / 55 dB(A)	52 / 55 dB(A)
OPERATING TEMPERATURE	COOLING		14 - 114.8°F -10.0 - 46.0°C			
	HEATING		-13 - 75°F -25.0 - 24.0°C			
PIPE CONNECTIONS	OUTDOOR	HIGH SIDE (FLARE)	1/4" X 3	1/4" X 4	1/4" X 4	1/4" X 4
		LOW SIDE (FLARE)	3/8" X 3	3/8" X 2 + 1/2" X 2	3/8" X 2 + 1/2" X 2	3/8" X 2 + 1/2" X 2
	INCLUDED PIPE ADAPTERS		1 - 3/8" X 1/2"	2 - 1/2" X 3/8"	2 - 1/2" X 3/8"	2 - 1/2" X 3/8", 2 - 1/2" X 5/8"
	MAX. LINE SET LENGTH (INDIVIDUAL)		82 ft.	82 ft.	82 ft.	82 ft.
	MAX. LINE SET LENGTH (TOTAL)		164 ft.	230 ft.	230 ft.	230 ft.
MAX. VERTICAL SEPARATION	ODU TO IDU	49 ft.	49 ft.	49 ft.	49 ft.	
	IDU TO IDU	25 ft.	25 ft.	25 ft.	25 ft.	
REFRIGERANT	TYPE		R410A		R410A	
	CONTROL METHOD		Electronic Expansion Valve		Electronic Expansion Valve	
	FACTORY CHARGE		119.9 oz.		119.9 oz.	
	CHARGED FOR		131 ft.		131 ft.	
COMPRESSOR	TYPE		Twin BLDC Rotary Inverter		Twin BLDC Rotary Inverter	
CONDENSER FAN	MOTOR		BLDC with Propeller Fan (1)		BLDC with Propeller Fan (1)	
	CFM (MAX.)		2,493		2,493	
ACCESSORIES	WALL BRACKET		CKN-250		CKN-250	
	WIND BAFFLE	FRONT	WBF-2M-B		WBF-2M-B	
		BACK	WBB-11M		WBB-11M	
CERTIFICATIONS	ENERGY STAR® CERTIFIED					
			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. 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 match with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov. Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.



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