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HVAC. Built brave.

Residential Product Catalog

There's more than what meets the eye when it comes to Samsung residential systems. Learn more about the high performing, single zone and multi-zone heat pumps offered by Samsung.

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Single Zone Systems

WindFree™* 2.0

Max Heat® 2.0

Quantum 2.0

Max

Multi-Zone Systems

Free Joint Multi (FJM)

Free Joint Multi (FJM) Max Heat®

WindFree™* Mini 4-Way Cassette

Slim Duct

Console

WindFree™* 2.0

Quantum 2.0

*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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Features	Model Name	Available Capacities	Efficiency	ENERGY STAR® Models	Wi-Fi Capable	Outdoor Operating Temperature (Heating Mode)
Single Zone Systems						
10 YEAR WARRANTY · WORKS WITH SmartThings · Bixby	WindFree™* 2.0	9K, 12K, 18K, and 24K	SEER: Up to 24.5 HSPF: Up to 12.5	All models	Standard	-5 ~ 75°F -20.5 ~ 23.9°C
10 YEAR WARRANTY · WORKS WITH SmartThings · Bixby · Max Heat	Max Heat® 2.0	9K, 12K, 18K, and 24K	SEER: Up to 24.5 HSPF: Up to 12.5	All models	Standard	-13 ~ 75°F -25.0 ~ 23.9 °C
10 YEAR WARRANTY · WORKS WITH SmartThings · Bixby	Quantum 2.0	9K, 12K, 18K, and 24K	SEER: Up to 23.5 HSPF: Up to 12.0	9K Btu/h only	Standard	-5 ~ 75°F -20.5 ~ 23.9°C
10 YEAR WARRANTY · WORKS WITH SmartThings	Max[1]	36K	SEER: Up to 18.0 HSPF: Up to 9.0	N/A	N/A	5 ~75°F -15.0 ~ 23.9°C
Multi-Zone Systems						
10 YEAR WARRANTY · WORKS WITH SmartThings	Free Joint Multi (FJM)	18K, 24K, 36K, and 48K	SEER: Up to 19.7 HSPF: Up to 10.3	Non-ducted Indoor units only[2]	Optional	5 ~75°F -15.0 ~ 23.9°C
10 YEAR WARRANTY · WORKS WITH SmartThings · Max Heat	Free Joint Multi (FJM) Max Heat®	20K, 24K, 30K, and 36K	SEER: Up to 20.0 HSPF: Up to 11.0	Non-ducted Indoor units only	Optional	-13 ~ 75°F -25.0 ~ 23.9°C

10 YEAR WARRANTY — Product Registration Required
Conditions Apply

AHRI CERTIFIED® www.ahridirectory.org — Globally Recognized. Industry Respected. The AHRI Certified® mark indicates Samsung's participation in the AHRI Certification program. For verification of individual certified products, go to www.ahridirectory.org.

ENERGY STAR — 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.

WORKS WITH SmartThings — The SmartThings app is available for download on the Google™ Play store and App Store®. A network connection is required. Samsung application account is necessary.

Bixby — Bixby voice recognizes English (U.S.), Mandarin Chinese and Korean. Not all accents, dialects and expressions are recognized. The list of features that can be controlled by voice command via Bixby will continue to expand. Mobile functionality compatible with Samsung Galaxy 8 series or higher with Bixby function. Samsung account login and data network (Wi-Fi or internet connection) required to fully operate Bixby features.

Max Heat®

*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]Models manufactured after 1/1/2015 qualify for the Enhanced 10 Year Warranty.
[2]Excludes 48K Btu/h model
Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.

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WindFree™* 2.0, Quantum 2.0 and Max Heat® 2.0

WindFree™* 2.0

Quantum 2.0

Features:

Total Control

WindFree™* 2.0 and Quantum 2.0 units come with built-in Wi-Fi, allowing users to remotely regulate temperature, adjust settings, receive real-time updates about system performance and energy usage, as well as troubleshoot solutions when a repair is needed. Compatible with SmartThings app† and Bixby 2.0^.

Control Features

- On/Off
- Fan Speed
- Temperature Setting
- Wind Direction
- WindFree™* Mode[1]
- Schedule
- Good Sleep Mode
- Options:
  - 2-Step
  - Fast
  - Comfort
  - Quiet
  - Single User

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).

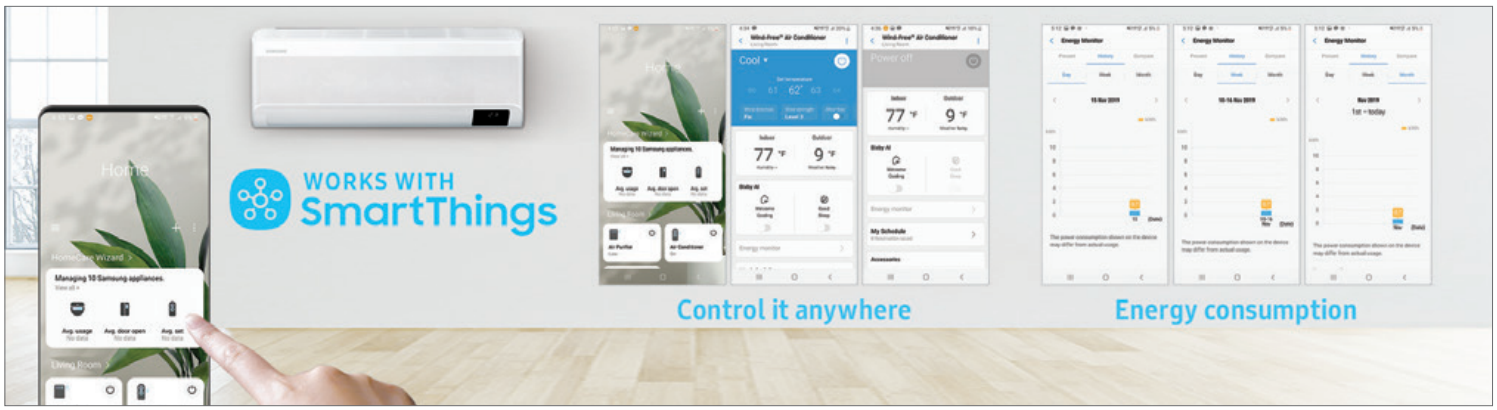
Energy Monitoring – View daily, weekly, and monthly energy consumption for your A/C system (for reference use only and not revenue grade).

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).

Bixby

Bixby is Samsung's scalable AI platform, built to support multiple devices in your life in a more conversational, more personal, and more useful way.

To learn more, visit Samsung.com/bixby



†Available for download on the Google™ Play store and App Store®. A network connection is required. Samsung application account is necessary.
^Bixby voice recognizes English (U.S.) Mandarin Chinese and Korean. Not all accents, dialects and expressions are recognized. The list of features that can be controlled by voice commands via Bixby will continue to expand. Mobile functionality compatible with Samsung Galaxy 8 series or higher with Bixby function. Samsung account login and data network (Wi-Fi or internet connection) required to fully operate Bixby features.
[1]Applies to WindFree™ models only
*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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WindFree™* 2.0, Quantum 2.0 and Max Heat® 2.0

Seamless Operation

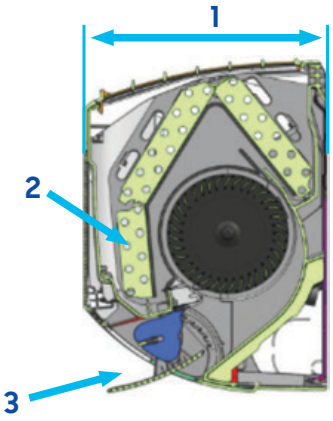
AI Auto Mode[1] monitors indoor temperature, outdoor temperature, set temperature, and operating time to learn the patterns within your home and automatically adjust system operation to maximize comfort.

High Performance

The Digital Inverter compressor's variable speed control allows the compressor to operate at precisely the speed needed to maintain the set temperature without turning the system on and off.

Superior Indoor Unit Design

1. Reduced size making it less obstrusive in the space^
2. 3-sided coil design for more even temperature leaving the evaporator coil
3. Upward motion of the louver prevents cold drafts from affecting occupants



Improved Serviceability

The new indoor unit design incorporates more interlocking components in place of threaded fasteners to reduce the time and effort it takes to install and service a system.

Reusable Filter

The filter is located on the top of the unit, making it easy to remove, clean, and put back.

[1]Enable AI Auto Mode using the SmartThings app. Available for download on the Google™ Play store and App Store®. A network connection is required. Samsung application account is necessary.
^Compared to previous triangle-design models
*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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WindFree™* 2.0, Quantum 2.0 and Max Heat® 2.0

Reduced Power Consumption

Single user mode uses less compressor capacity to reduce power consumption when users are home alone.

Dual Set Point (DSP) Function

DSP function allows users to specify separate heating mode and cooling mode set temperatures (set points).

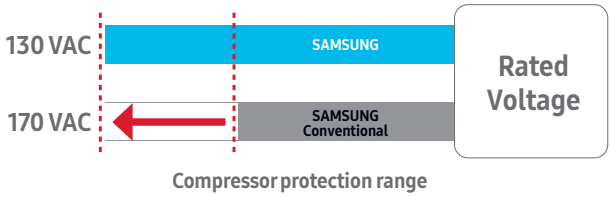
(enabled by default; requires MWR-WG00UN wired controller)

Simple Float Switch Connection

WindFree™* 2.0 and Quantum 2.0 units come with a factory-installed wire harness for simple connection to third party overflow detection devices for unit shutdown with a dedicated error code. This can also be used for simple unit ON/OFF using any dry connection.

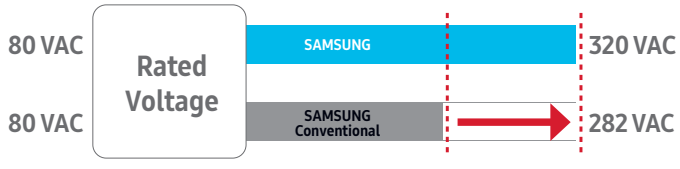
Enhanced Triple Protector Plus

1 COMPRESSOR PROTECTION
Prevent damage from low voltage



Compressor protection range

2 CONTROLLER (PCB) PROTECTION
Constant voltage control prevents damage from high voltage



Controller protection range

3 FIN PROTECTION
Made of corrosion-resistant material to protect the condenser from rusting. Corrosion-resistant was proven using the Salt Spray Test for 480 hours.

Normal Working Range: 187 ~ 265 VAC. The voltage value may vary because the voltage ripple value is different depending on the load and ambient conditions. Tested on the AR12TXEAAWKNEU model compared with the Samsung conventional model AS18FCMID.
*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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WindFree™* 2.0

WindFree™* Cooling technology maintains the desired temperature and eliminates cold drafts by delivering air through micro holes on the unit's louver and fascia panel when the louver is closed, producing a dispersed and gentle flow of air defined as "still air."

The WindFree™* 2.0 unit also has a larger WindFree™* surface area for more precise temperature control compared to previous models.

- Available capacities: 9K, 12K, 18K, and 24K Btu/h
- SEER: Up to 24.5
- HSPF: Up to 12.5

10 YEAR WARRANTY Product Registration Required Conditions Apply

ENERGY STAR Δ

WORKS WITH SmartThings †

Bixby ^

Quantum 2.0

The new Quantum 2.0 mini split has been reimagined and redesigned to deliver exactly what homeowners want – greater efficiency and total control.

- Available capacities: 9K, 12K, 18K, and 24K Btu/h
- SEER: Up to 23.5
- HSPF: Up to 12.0

10 YEAR WARRANTY Product Registration Required Conditions Apply

ENERGY STAR Δ

WORKS WITH SmartThings †

Bixby ^

Max Heat® 2.0

Max Heat® 2.0 is compatible with the WindFree™* 2.0 indoor unit and has the ability to keep you comfortable in any climate.

Along with the ability to provide 100% heating performance at 5°F (-15°C) with high heating output at -13°F (-25°C), the Max Heat® 2.0 unit is equipped with an integral base pan heater to melt and drain away water from defrost cycles to avoid ice buildup.

- Available capacities: 9K, 12K, 18K, and 24K Btu/h
- SEER: Up to 24.5
- HSPF: Up to 12.5

10 YEAR WARRANTY Product Registration Required Conditions Apply

ENERGY STAR Δ

WORKS WITH SmartThings †

Bixby ^

Max Heat®

ΔSelect 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.
†Available for download on the Google™ Play store and App Store®. A network connection is required. Samsung application account is necessary.
*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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Max

The Max mini split system provides a solution for heating and cooling of a larger, high occupancy space.

- Available capacities: 36K Btu/h
- SEER: Up to 18.0
- HSPF: Up to 9.0

Features:

Reduce Power Consumption

Single user mode uses less compressor capacity to reduce power consumption when users are home alone.

Improved Filtration

The Full HD (High Density) filter offers improved filtration by removing small dust particles for clean and fresh air.

10 YEAR WARRANTY Product Registration Required
Conditions Apply

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Notes

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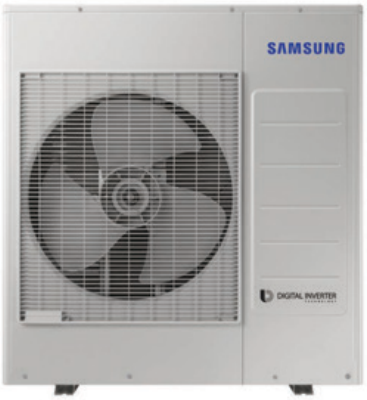
Free Joint Multi (FJM)

18K and 24k



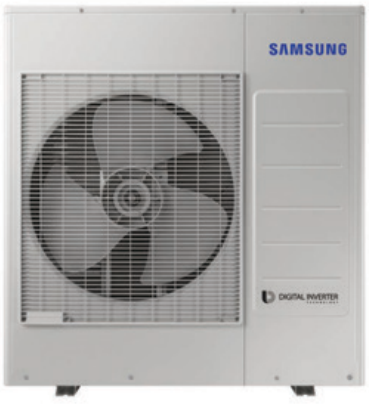
36K

48K

- 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

Free Joint Multi (FJM) Max Heat®

Max Heat®



20K, 24K and 30K

36K

- 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
- 100% heating performance at 5°F (-15°C) with high heating output at -13°F (-25°C)
- Integral base pan heater as standard

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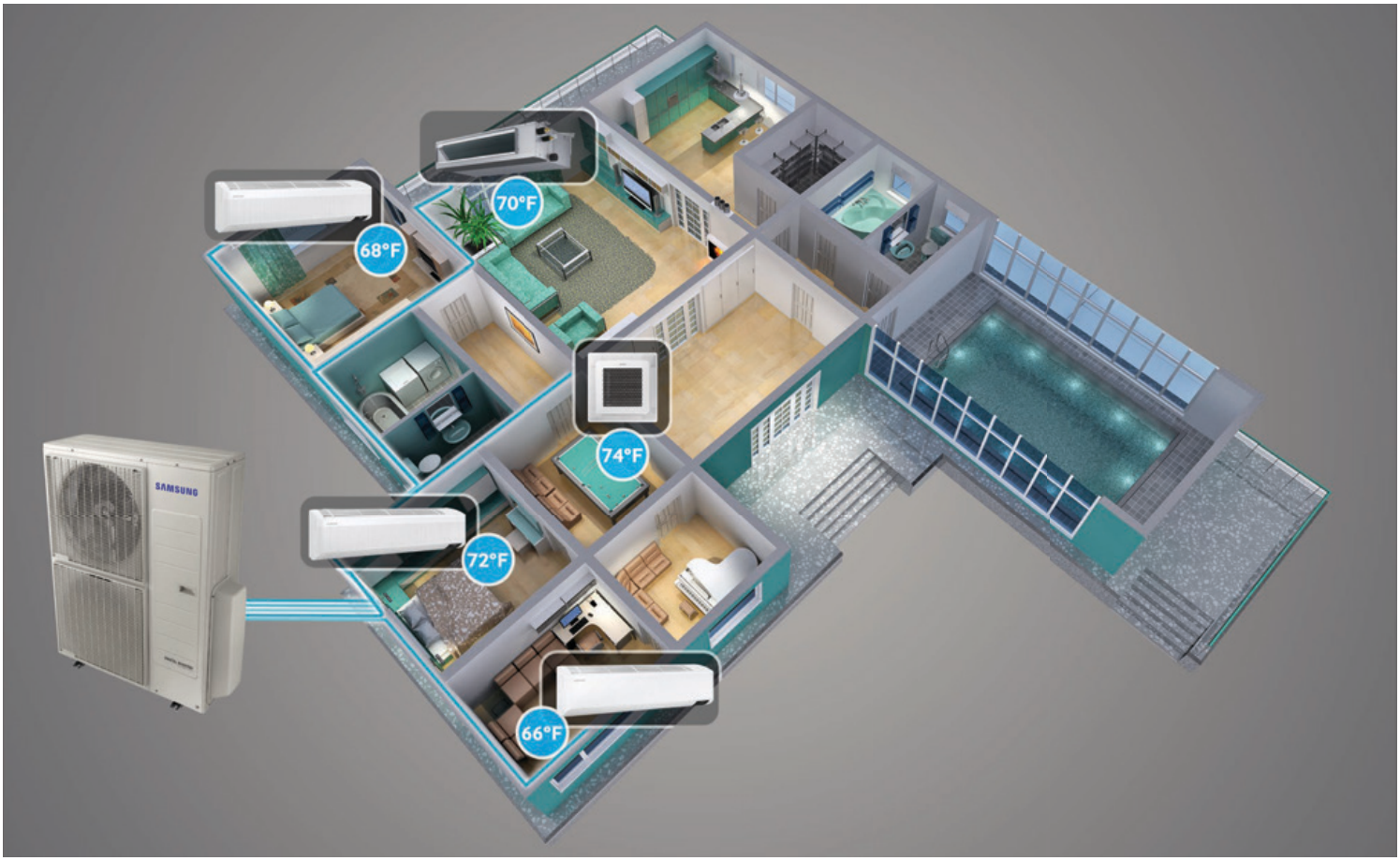
Commander in chief

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



Features:

- Simplified connection to central control with direct connection to R1/R2 at the outdoor unit.
- Option settings allow system configuration as cooling or heating, cooling only, or heating only.
- “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

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FJM Indoor Unit Combination Guide

JXH20J2T / AJ020TXJ2CH/AA

2 Zones

A	B
7K	7K
7K	9K
7K	12K
7K	15K
9K	9K
9K	12K
9K	15K
12K	12K
12K	15K

Capacity
Cooling (standard) – 18,000
Cooling (max.) – 18,000
Heating (standard) – 22,000
Heating (max.) – 26,400

Pipe Length
Max. Ind. Line Set Length – 82 ft.
Max. Total Line Set Length – 164 ft.
Max. Vertical Separation (ODU to IDU) – 49 ft.
Max. Vertical Separation (IDU to IDU) – 25 ft.

Capacities shown in Btu/h

JXH24J3T / AJ024TXJ3CH/AA

2 Zones

A	B
7K	7K
7K	9K
7K	12K
7K	15K
7K	18K
9K	9K
9K	12K
9K	15K
9K	18K
12K	12K
12K	15K
12K	18K
15K	15K

3 Zones

A	B	C
7K	7K	7K
7K	7K	9K
7K	7K	12K
7K	7K	15K
7K	9K	9K
7K	9K	12K
7K	9K	15K
9K	9K	9K
9K	9K	12K

Capacity
Cooling (standard) – 22,000
Cooling (max.) – 22,000
Heating (standard) – 25,000
Heating (max.) – 29,600

Pipe Length
Max. Ind. Line Set Length – 82 ft.
Max. Total Line Set Length – 230 ft.
Max. Vertical Separation (ODU to IDU) – 49 ft.
Max. Vertical Separation (IDU to IDU) – 25 ft.

Capacities shown in Btu/h

JXH36J4T / AJ036TXJ4CH/AA

2 Zones

A	B
7K	7K
7K	9K
7K	12K
7K	15K
7K	18K
7K	24K
9K	9K
9K	12K
9K	15K
9K	18K
9K	24K
12K	12K
12K	15K
12K	18K
12K	24K
15K	15K
15K	18K
15K	24K
18K	18K
18K	24K

3 Zones

A	B	C
7K	7K	7K
7K	7K	9K
7K	7K	12K
7K	7K	15K
7K	7K	18K
7K	7K	24K
7K	9K	9K
7K	9K	12K
7K	9K	15K
7K	9K	18K
7K	9K	24K
7K	12K	12K
7K	12K	15K
7K	12K	18K
7K	12K	24K
7K	15K	15K
7K	15K	18K
7K	18K	18K

A	B	C
9K	9K	9K
9K	9K	12K
9K	9K	15K
9K	9K	18K
9K	9K	24K
9K	12K	12K
9K	12K	15K
9K	12K	18K
9K	12K	24K
9K	15K	15K
9K	15K	18K
9K	18K	18K
12K	12K	12K
12K	12K	15K
12K	12K	18K
12K	15K	15K
12K	15K	18K
15K	15K	15K

4 Zones

A	B	C	D
7K	7K	7K	7K
7K	7K	7K	9K
7K	7K	7K	12K
7K	7K	7K	15K
7K	7K	7K	18K
7K	7K	7K	24K
7K	7K	9K	9K
7K	7K	9K	12K
7K	7K	9K	15K
7K	7K	9K	18K
7K	7K	12K	12K
7K	7K	12K	15K
7K	7K	12K	18K
7K	7K	15K	15K

A	B	C	D
7K	9K	9K	9K
7K	9K	9K	12K
7K	9K	9K	15K
7K	9K	9K	18K
7K	9K	12K	12K
7K	9K	12K	15K
7K	12K	12K	12K
9K	9K	9K	9K
9K	9K	9K	12K
9K	9K	9K	15K
9K	9K	9K	18K
9K	9K	12K	12K
9K	9K	12K	15K
9K	12K	12K	12K

Capacity
Cooling (standard) – 32,000
Cooling (max.) – 36,000
Heating (standard) – 36,000
Heating (max.) – 42,000

Pipe Length
Max. Ind. Line Set Length – 82 ft.
Max. Total Line Set Length – 230 ft.
Max. Vertical Separation (ODU to IDU) – 49 ft.
Max. Vertical Separation (IDU to IDU) – 25 ft.

Capacities shown in Btu/h

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JXH48J5T / AJ048TXJ5CH/AA

Capacity

Cooling (standard) – 47,000
Cooling (max.) – 48,200
Heating (standard) – 48,500
Heating (max.) – 53,600

Pipe Length

Max. Ind. Line Set Length – 82 ft.
Max. Total Line Set Length – 230 ft.
Max. Vertical Separation (ODU to IDU) – 49 ft.
Max. Vertical Separation (IDU to IDU) – 25 ft.

2 Zones

A	B
7K	7K
7K	9K
7K	12K
7K	15K
7K	18K
7K	24K
9K	9K
9K	12K
9K	15K
9K	18K
9K	24K
12K	12K
12K	15K
12K	18K
12K	24K
15K	15K
15K	18K
15K	24K
18K	18K
18K	24K
24K	24K

3 Zones

A	B	C
7K	7K	7K
7K	7K	9K
7K	7K	12K
7K	7K	15K
7K	7K	18K
7K	7K	24K
7K	9K	9K
7K	9K	12K
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7K	24K	24K
9K	9K	9K
9K	9K	12K
9K	9K	15K
9K	9K	18K
9K	9K	24K

A	B	C
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15K	15K	24K
15K	18K	18K
15K	18K	24K
18K	18K	18K

4 Zones

A	B	C	D
7K	7K	7K	7K
7K	7K	7K	9K
7K	7K	7K	12K
7K	7K	7K	15K
7K	7K	7K	18K
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7K	9K	9K	18K
7K	9K	9K	24K

A	B	C	D
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9K	12K	12K	24K
9K	12K	15K	15K
9K	12K	15K	18K
9K	12K	18K	18K
9K	15K	15K	15K
9K	15K	15K	18K
12K	12K	12K	12K
12K	12K	12K	15K
12K	12K	12K	18K
12K	12K	15K	15K
12K	12K	15K	18K
12K	15K	15K	15K

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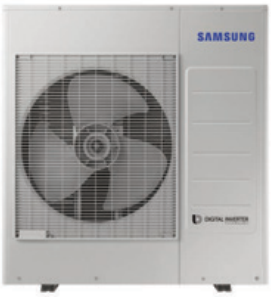
FJM Max Heat® Indoor Unit Combination Guide

JXH20S3T / AJ020TXS3CH/AA



2 Zones

A	B
7K	7K
7K	9K
7K	12K
7K	15K
9K	9K
9K	12K
9K	15K
12K	12K
12K	15K

3 Zones

A	B	C
7K	7K	7K
7K	7K	9K
7K	7K	12K
7K	9K	9K
9K	9K	9K

Capacity
Cooling (standard) – 21,000
Cooling (max.) – 21,000
Heating (standard) – 22,000
Heating (max.) – 22,000

Pipe Length
Max. Ind. Line Set Length – 82 ft.
Max. Total Line Set Length – 164 ft.
Max. Vertical Separation (ODU to IDU) – 49 ft.
Max. Vertical Separation (IDU to IDU) – 25 ft.

Max Heat®

Capacities shown in Btu/h

JXH24S4T / AJ024TXS4CH/AA

2 Zones

A	B
7K	7K
7K	9K
7K	12K
7K	15K
7K	18K
9K	9K
9K	12K
9K	15K
9K	18K
12K	12K
12K	15K
12K	18K
15K	15K

3 Zones

A	B	C
7K	7K	7K
7K	7K	9K
7K	7K	12K
7K	7K	15K
7K	7K	18K
7K	9K	9K
7K	9K	12K
7K	9K	15K
7K	12K	12K
9K	9K	9K
9K	9K	12K

4 Zones

A	B	C	D
7K	7K	7K	7K
7K	7K	7K	9K
7K	7K	9K	9K

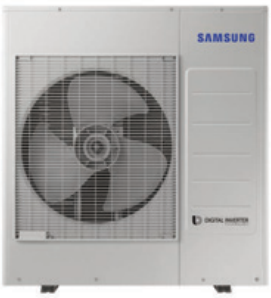
Capacity
Cooling (standard) – 25,000
Cooling (max.) – 25,000
Heating (standard) – 25,000
Heating (max.) – 25,000

Pipe Length
Max. Ind. Line Set Length – 82 ft.
Max. Total Line Set Length – 230 ft.
Max. Vertical Separation (ODU to IDU) – 49 ft.
Max. Vertical Separation (IDU to IDU) – 25 ft.

Max Heat®

Capacities shown in Btu/h

JXH30S4T / AJ030TXS4CH/AA



2 Zones

A	B
7K	7K
7K	9K
7K	12K
7K	15K
7K	18K
7K	24K
9K	9K
9K	12K
9K	15K
9K	18K
9K	24K
12K	12K
12K	15K
12K	18K
12K	24K
15K	15K
15K	18K
15K	24K
18K	18K

3 Zones

A	B	C
7K	7K	7K
7K	7K	9K
7K	7K	12K
7K	7K	15K
7K	7K	18K
7K	7K	24K
7K	9K	9K
7K	9K	12K
7K	9K	15K
7K	9K	18K
7K	9K	24K
7K	12K	12K
7K	12K	15K
7K	12K	18K
9K	9K	9K
9K	9K	12K
9K	9K	15K
9K	9K	18K
9K	12K	12K
9K	12K	15K
9K	12K	18K
12K	12K	12K
12K	12K	15K

4 Zones

A	B	C	D
7K	7K	7K	7K
7K	7K	7K	9K
7K	7K	7K	12K
7K	7K	7K	15K
7K	7K	7K	18K
7K	7K	9K	9K
7K	7K	9K	12K
7K	7K	9K	15K
7K	7K	12K	12K
7K	9K	9K	9K
7K	9K	9K	12K
7K	9K	9K	15K
7K	9K	12K	12K
9K	9K	9K	9K
9K	9K	9K	12K

Capacity
Cooling (standard) – 28,400
Cooling (max.) – 28,400
Heating (standard) – 28,600
Heating (max.) – 28,600

Pipe Length
Max. Ind. Line Set Length – 82 ft.
Max. Total Line Set Length – 230 ft.
Max. Vertical Separation
(ODU to IDU) – 49 ft.
Max. Vertical Separation
(IDU to IDU) – 25 ft.

Max Heat®

Capacities shown in Btu/h

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JXH36S4T / AJ036TXS4CH/AA

Capacity

Cooling (standard) – 34,000
Cooling (max.) – 39,600
Heating (standard) – 36,600
Heating (max.) – 36,600

Pipe Length

Max. Ind. Line Set Length – 82 ft.
Max. Total Line Set Length – 230 ft.
Max. Vertical Separation (ODU to IDU) – 49 ft.
Max. Vertical Separation (IDU to IDU) – 25 ft.

2 Zones

A	B
7K	7K
7K	9K
7K	12K
7K	15K
7K	18K
7K	24K
9K	9K
9K	12K
9K	15K
9K	18K
9K	24K
12K	12K
12K	15K
12K	18K
12K	24K
15K	15K
15K	18K
15K	24K
18K	18K
18K	24K
24K	24K

3 Zones

A	B	C
7K	7K	7K
7K	7K	9K
7K	7K	12K
7K	7K	15K
7K	7K	18K
7K	7K	24K
7K	9K	9K
7K	9K	12K
7K	9K	15K
7K	9K	18K
7K	9K	24K
7K	12K	12K
7K	12K	15K
7K	12K	18K
7K	12K	24K
7K	15K	15K
7K	15K	18K
7K	15K	24K
7K	18K	18K
9K	9K	9K
9K	9K	12K

A	B	C
9K	9K	15K
9K	9K	18K
9K	9K	24K
9K	12K	12K
9K	12K	15K
9K	12K	18K
9K	12K	24K
9K	15K	15K
9K	15K	18K
9K	15K	24K
9K	18K	18K
12K	12K	12K
12K	12K	15K
12K	12K	18K
12K	12K	24K
12K	15K	15K
12K	15K	18K
12K	18K	18K
15K	15K	15K
15K	15K	18K

4 Zones

A	B	C	D
7K	7K	7K	7K
7K	7K	7K	9K
7K	7K	7K	12K
7K	7K	7K	15K
7K	7K	7K	18K
7K	7K	7K	24K
7K	7K	9K	9K
7K	7K	9K	12K
7K	7K	9K	15K
7K	7K	9K	18K
7K	7K	9K	24K
7K	7K	12K	12K
7K	7K	12K	15K
7K	7K	12K	18K
7K	7K	15K	15K
7K	7K	15K	18K
7K	9K	9K	9K
7K	9K	9K	12K
7K	9K	9K	15K

A	B	C	D
7K	9K	9K	18K
7K	9K	12K	12K
7K	9K	12K	15K
7K	9K	12K	18K
7K	9K	15K	15K
7K	12K	12K	12K
7K	12K	12K	15K
9K	9K	9K	9K
9K	9K	9K	12K
9K	9K	9K	15K
9K	9K	9K	18K
9K	9K	12K	12K
9K	9K	12K	15K
9K	9K	12K	18K
9K	9K	15K	15K
9K	12K	12K	12K
9K	12K	12K	15K
12K	12K	12K	12K

Max Heat®

Capacities shown in Btu/h

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Indoor Units

WindFree™* Mini 4-Way Cassette

- Available capacities: 9K, 12K, and 18K Btu/h
- WindFree™* Cooling technology maintains the desired temperature and eliminates cold drafts 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."
- The panel is designed to fit in a standard 2x2 feet ceiling grid without interfering with adjacent ceiling tiles, lights, or sprinkler systems.
- The four louver blades can be individually set at the same or different angles within a 32-65° range.

Motion Detection Sensor (MDS) sold separately

Console

- Available capacities: 9K, 12K, 15K, 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.
- Delivers cool air from the upper outlet while in cooling mode and warm air from the upper and lower outlet^ while in heating mode, resulting in more coverage in less time.

*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).
^The lower outlet supports manual adjustment only.

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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

WindFree™* 2.0

- Available capacities: 7K, 9K, 12K, 15K, 18K, and 24K Btu/h
- 9K, 12K, 18K, and 24K Btu/h indoor units are compatible with RAC single zone outdoor units and the new FJM outdoor units. 7K and 15K Btu/h indoor units are compatible with FJM systems only.
- WindFree™* Cooling technology maintains the desired temperature and eliminates cold drafts by delivering air through micro holes on the unit's louver and fascia panel when the louver is closed, producing a dispersed and gentle flow of air defined as "still air."
- Wi-Fi enabled for control and monitoring via Samsung's SmartThings app†.
- Our new indoor unit design incorporates more interlocking components in place of threaded fasteners to reduce the time and effort it takes to install and service a system.

Dramatization

Quantum 2.0

- Available capacities: 7K, 9K, 12K, 15K, 18K, and 24K Btu/h
- 9K, 12K, 18K, and 24K Btu/h indoor units are compatible with RAC single zone outdoor units and the new FJM outdoor units. 7K and 15K Btu/h indoor units are compatible with FJM systems only.
- Wi-Fi enabled for control and monitoring via Samsung's SmartThings app†.
- Our new indoor unit design incorporates more interlocking components in place of threaded fasteners to reduce the time and effort it takes to install and service a system.

*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).
†Available for download on the Google™ Play store and App Store®. A network connection is required. Samsung application account is necessary.

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WindFree™* 2.0

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

MODEL	US CODE	INDOOR UNIT	RNS09ABT	RNS12ABT	RNS18ABT
		OUTDOOR UNIT	RXS09ABT	RXS12ABT	RXS18ABT
	MODEL NUMBER	INDOOR UNIT	AR09TSFABWKNCV	AR12TSFABWKNCV	AR18TSFABWKNCV
		OUTDOOR UNIT	AR09TSFABWKXCV	AR12TSFABWKXCV	AR18TSFABWKXCV
PERFORMANCE	CAPACITY	COOLING	9,000 Btu/h	12,000 Btu/h	18,000 Btu/h
		HEATING	11,000 Btu/h	12,000 Btu/h	20,600 Btu/h
	CAPACITY RANGE	COOLING	3,000 - 13,000 Btu/h	3,000 - 15,000 Btu/h	7,500 - 23,884 Btu/h
		HEATING	2,400 - 21,000 Btu/h	2,600 - 21,500 Btu/h	7,000 - 37,000 Btu/h
	SEER / EER		24.50 / 15.50	23.00 / 13.50	21.00 / 13.00
	COP (NOMINAL HEATING)		4.40	4.25	3.70
	HSPF		12.50	12.50	10.00
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
	MAX. BREAKER		20.0 A	20.0 A	30.0 A
	MIN. CIRCUIT AMPACITY		12.0 A	12.5 A	20.0 A
DIMENSIONS	W X H X D	INDOOR	35 X 11 3/4 X 8 7/16 in.	35 X 11 3/4 X 8 7/16 in.	41 17/32 X 11 3/4 X 8 7/16 in.
		OUTDOOR	31 1/8 X 21 9/16 X 11 1/4 in.	31 1/8 X 21 9/16 X 11 1/4 in.	34 5/8 X 31 7/16 X 12 3/16 in.
	WEIGHT	INDOOR	23.4 lbs.	23.4 lbs.	27.6 lbs.
		OUTDOOR	70.8 lbs.	70.8 lbs.	122.6 lbs.
SOUND PRESSURE LEVEL	INDOOR	LOW / HIGH	22 / 38 dB(A)	22 / 39 dB(A)	25 / 42 dB(A)
	OUTDOOR	HIGH	45 dB(A)	46 dB(A)	51 dB(A)
OPERATING TEMPERATURE	OUTDOOR	COOLING	14.0 ~ 115.0°F (-10.0 ~ 46.1°C)	14.0 ~ 115.0°F (-10.0 ~ 46.1°C)	14.0 ~ 115.0°F (-10.0 ~ 46.1°C)
		HEATING	-5.0 ~ 75.0°F (-20.5 ~ 23.9°C)	-5.0 ~ 75.0°F (-20.5 ~ 23.9°C)	-5.0 ~ 75.0°F (-20.5 ~ 23.9°C)
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.
	MAX. LINE SET LENGTH		66 ft.	66 ft.	98 ft.
	MAX. VERTICAL SEPARATION		49 ft.	49 ft.	66 ft.
	CONDENSATE CONNECTION		11/16 in. OD	11/16 in. OD	11/16 in. OD
REFRIGERANT	TYPE		R410A	R410A	R410A
	FACTORY CHARGE		40.6 oz.	40.6 oz.	63.5 oz.
	CHARGED FOR		25 ft.	25 ft.	25 ft.
COMPRESSOR	TYPE		BLDC Rotary	BLDC Rotary	BLDC Rotary
EVAPORATOR FAN	TYPE		BLDC motor w/ cross-flow fan	BLDC motor w/ cross-flow fan	BLDC motor w/ cross-flow fan
	AIR VOLUME (L/M/H/T)	COOLING (CFM)	251 / 304 / 357 / 392	251 / 321 / 374 / 427	399 / 466 / 533 / 579
		HEATING (CFM)	286 / 339 / 392 / 427	286 / 357 / 410 / 463	424 / 491 / 554 / 600
CONDENSER FAN	MOTOR		BLDC motor w/axial fan (1)	BLDC motor w/axial fan (1)	BLDC motor w/axial fan (1)
	CFM (MAX.)		1,589	1,589	2,225
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
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA	MRW-TA
	CENTRAL CONTROL INTERFACE MODULE		MIM-R10UN	MIM-R10UN	MIM-R10UN
	EXTERNAL CONTACT CONTROL INTERFACE MODULE [2]		MIM-B14	MIM-B14	MIM-B14
	THERMOSTAT ADAPTER (FOR CONNECTION TO 24VAC THERMOSTATS)		MIM-A60UN	MIM-A60UN	MIM-A60UN
	CONDENSATE PUMP	ASPEN MINI ORANGE	ASP-MO-UNIV110-250	ASP-MO-UNIV110-250	ASP-MO-UNIV110-250
		BLUE DIAMOND	BD-BLUE-230	BD-BLUE-230	BD-BLUE-230
	WALL BRACKET (FOR OUTDOOR UNIT)		CKN-250	CKN-250	CKN-250
	WIND BAFFLE/GUARD	FRONT	Refer to technical documents		
		BACK	Refer to technical documents		
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2506	25' - ILS2506	25' - ILS2507
			50' - ILS5006	50' - ILS5006	50' - ILS5007
CERTIFICATIONS	ENERGY STAR® CERTIFIED		✓	✓	✓

10 YEAR WARRANTY Product Registration Required Conditions Apply

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WORKS WITH SmartThings †

πThe AHRI Certified® mark indicates Samsung's participation in the AHRI Certification program. For verification of individual certified products, go to www.ahridirectory.org.
ΔProper 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.
†Available for download on the Google™ Play store and App Store®. A network connection is required. Samsung application account is necessary.
*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.

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WindFree™* 2.0

SPECIFICATIONS - 24,000

MODEL	US CODE	INDOOR UNIT	**RNS24ABT**
		OUTDOOR UNIT	**RXS24ABT**
	MODEL NUMBER	INDOOR UNIT	**AR24TSFABWKNCV**
		OUTDOOR UNIT	**AR24TSFABWKXCV**
PERFORMANCE	CAPACITY	COOLING	21,000 Btu/h
		HEATING	27,400 Btu/h
	CAPACITY RANGE	COOLING	8,800 - 31,700 Btu/h
		HEATING	7,500 - 41,000 Btu/h
	SEER / EER		20.00 / 12.50
	COP (NOMINAL HEATING)		3.36
	HSPF		10.00
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60
	MAX. BREAKER		30.0 A
	MIN. CIRCUIT AMPACITY		20.0 A
DIMENSIONS	W X H X D	INDOOR	41 17/32 X 11 3/4 X 8 7/16 in.
		OUTDOOR	37 X 39 1/4 X 13 in.
	WEIGHT	INDOOR	27.6 lbs.
		OUTDOOR	150.4 lbs.
SOUND PRESSURE LEVEL	INDOOR	LOW / HIGH	28 / 47 dB(A)
	OUTDOOR	HIGH	56 dB(A)
OPERATING TEMPERATURE	OUTDOOR	COOLING	14.0 ~ 115.0°F (-10.0 ~ 46.1°C)
		HEATING	-5.0 ~ 75.0°F (-20.5 ~ 23.9°C)
PIPE CONNECTIONS	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	1/4 in.
		LOW SIDE (FLARE)	5/8 in.
	MAX. LINE SET LENGTH		98 ft.
	MAX. VERTICAL SEPARATION		66 ft.
	CONDENSATE CONNECTION		11/16 in. OD
REFRIGERANT	TYPE		R410A
	FACTORY CHARGE		88.2 oz.
	CHARGED FOR		25 ft.
COMPRESSOR	TYPE		BLDC Rotary
EVAPORATOR FAN	TYPE		BLDC motor w/ cross-flow fan
	AIR VOLUME (L/M/H/T)	COOLING (CFM)	399 / 512 / 622 / 713
		HEATING (CFM)	399 / 512 / 622 / 713
CONDENSER FAN	MOTOR		BLDC motor w/axial fan (1)
	CFM (MAX.)		2,825
ACCESSORIES	WIRELESS CONTROLLER		INCLUDED
	WIRED CONTROLLER [1]	ADVANCED	MWR-WG00UN
		TOUCHSCREEN	MWR-SH11UN
	WIRED CONTROLLER SUB-PCB		MIM-A00UN
	EXTERNAL TEMPERATURE SENSOR		MRW-TA
	CENTRAL CONTROL INTERFACE MODULE		MIM-R10UN
	EXTERNAL CONTACT CONTROL INTERFACE MODULE [2]		MIM-B14
	THERMOSTAT ADAPTER (FOR CONNECTION TO 24VAC THERMOSTATS)		MIM-A60UN
	CONDENSATE PUMP	ASPEN MINI ORANGE	ASP-MO-UNIV110-250
		BLUE DIAMOND	BD-BLUE-230
	WALL BRACKET (FOR OUTDOOR UNIT)		CKN-250
	WIND BAFFLE/GUARD	FRONT	Refer to technical documents
		BACK	Refer to technical documents
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2509
			50' - ILS5009
CERTIFICATIONS	ENERGY STAR® CERTIFIED		

10 YEAR WARRANTY Product Registration Required Conditions Apply

AHRI CERTIFIED® www.ahridirectory.org Globally Recognized. Industry Respected. π

ENERGY STAR Δ

WORKS WITH SmartThings †

πThe AHRI Certified® mark indicates Samsung's participation in the AHRI Certification program. For verification of individual certified products, go to www.ahridirectory.org.
ΔProper 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.
†Available for download on the Google™ Play store and App Store®. A network connection is required. Samsung application account is necessary.
*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.

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Quantum 2.0

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

MODEL	US CODE	INDOOR UNIT	RNS09YBT	RNS12YBT	RNS18YBT
		OUTDOOR UNIT	RXS09YBT	RXS12YBT	RXS18YBT
	MODEL NUMBER	INDOOR UNIT	AR09TSFYBWKNCV	AR12TSFYBWKNCV	AR18TSFYBWKNCV
		OUTDOOR UNIT	AR09TSFYBWKXCV	AR12TSFYBWKXCV	AR18TSFYBWKXCV
PERFORMANCE	CAPACITY	COOLING	9,000 Btu/h	12,000 Btu/h	18,000 Btu/h
		HEATING	11,000 Btu/h	12,000 Btu/h	21,000 Btu/h
	CAPACITY RANGE	COOLING	3,000 - 12,000 Btu/h	3,000 - 14,500 Btu/h	5,500 - 22,000 Btu/h
		HEATING	2,250 - 19,000 Btu/h	2,600 - 20,000 Btu/h	4,000 - 24,500 Btu/h
	SEER / EER		23.50 / 13.95	21.50 / 12.05	20.00 / 11.05
	COP (NOMINAL HEATING)		3.75	3.65	3.35
	HSPF		12.00	12.00	11.00
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
	MAX. BREAKER		20.0 A	20.0 A	25.0 A
	MIN. CIRCUIT AMPACITY		12.0 A	12.5 A	16.0 A
DIMENSIONS	W X H X D	INDOOR	32 5/16 X 11 3/4 X 8 7/16 in.	32 5/16 X 11 3/4 X 8 7/16 in.	41 1/2 X 11 13/16 X 8 7/16 in.
		OUTDOOR	31 1/8 X 21 9/16 X 11 1/4 in.	31 1/8 X 21 9/16 X 11 1/4 in.	34 5/8 X 25 1/8 X 12 3/16 in.
	WEIGHT	INDOOR	20.1 lbs.	20.1 lbs.	25.4 lbs.
		OUTDOOR	69.9 lbs.	69.9 lbs.	87.1 lbs.
SOUND PRESSURE LEVEL	INDOOR	LOW / HIGH	22 / 37 dB(A)	22 / 39 dB(A)	28 / 41 dB(A)
	OUTDOOR	HIGH	45 dB(A)	46 dB(A)	51 dB(A)
OPERATING TEMPERATURE	OUTDOOR	COOLING	14.0 ~ 115.0°F (-10.0 ~ 46.1°C)	14.0 ~ 115.0°F (-10.0 ~ 46.1°C)	14.0 ~ 115.0°F (-10.0 ~ 46.1°C)
		HEATING	-5.0 ~ 75.0°F (-20.5 ~ 23.9°C)	-5.0 ~ 75.0°F (-20.5 ~ 23.9°C)	-5.0 ~ 75.0°F (-20.5 ~ 23.9°C)
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.
	MAX. LINE SET LENGTH		66 ft.	66 ft.	98 ft.
	MAX. VERTICAL SEPARATION		49 ft.	49 ft.	66 ft.
	CONDENSATE CONNECTION		11/16 in. OD	11/16 in. OD	11/16 in. OD
REFRIGERANT	TYPE		R410A	R410A	R410A
	FACTORY CHARGE		35.3 oz.	35.3 oz.	45.9 oz.
	CHARGED FOR		25 ft.	25 ft.	25 ft.
COMPRESSOR	TYPE		BLDC Rotary	BLDC Rotary	BLDC Rotary
EVAPORATOR FAN	TYPE		BLDC motor w/ cross-flow fan	BLDC motor w/ cross-flow fan	BLDC motor w/ cross-flow fan
	AIR VOLUME (L/M/H/T)	COOLING (CFM)	300 / 335 / 353 / 371	300 / 335 / 371 / 385	459 / 509 / 558 / 583
		HEATING (CFM)	335 / 371 / 385 / 403	335 / 371 / 403 / 420	459 / 509 / 558 / 583
CONDENSER FAN	MOTOR		BLDC motor w/axial fan (1)	BLDC motor w/axial fan (1)	BLDC motor w/axial fan (1)
	CFM (MAX.)		1,589	1,589	1,766
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
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA	MRW-TA
	CENTRAL CONTROL INTERFACE MODULE		MIM-R10UN	MIM-R10UN	MIM-R10UN
	EXTERNAL CONTACT CONTROL INTERFACE MODULE [2]		MIM-B14	MIM-B14	MIM-B14
	THERMOSTAT ADAPTER (FOR CONNECTION TO 24VAC THERMOSTATS)		MIM-A60UN	MIM-A60UN	MIM-A60UN
	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
	WALL BRACKET (FOR OUTDOOR UNIT)		CKN-250	CKN-250	CKN-250
	WIND BAFFLE/GUARD	FRONT	Refer to technical documents		
		BACK	Refer to technical documents		
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2506	25' - ILS2506	25' - ILS2507
			50' - ILS5006	50' - ILS5006	50' - ILS5007
CERTIFICATIONS	ENERGY STAR® CERTIFIED		✓	-	-

10 YEAR WARRANTY Product Registration Required Conditions Apply

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ΔSelect 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.
†Available for download on the Google™ Play store and App Store®. A network connection is required. Samsung application account is necessary.
[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.
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Quantum 2.0

SPECIFICATIONS - 24,000

MODEL	US CODE	INDOOR UNIT	**RNS24YBT**
		OUTDOOR UNIT	**RXS24YBT**
	MODEL NUMBER	INDOOR UNIT	**AR24TSFYBWKNCV**
		OUTDOOR UNIT	**AR24TSFYBWKXCV**
PERFORMANCE	CAPACITY	COOLING	22,000 Btu/h
		HEATING	24,000 Btu/h
	CAPACITY RANGE	COOLING	8,800 - 29,000 Btu/h
		HEATING	7,500 - 40,000 Btu/h
	SEER / EER		18.00 / 10.50
	COP (NOMINAL HEATING)		3.07
	HSPF		9.00
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60
	MAX. BREAKER		30.0 A
	MIN. CIRCUIT AMPACITY		20.0 A
DIMENSIONS	W X H X D	INDOOR	41 1/2 X 11 13/16 X 8 7/16 in.
		OUTDOOR	34 5/8 X 31 3/8 X 12 3/16 in.
	WEIGHT	INDOOR	25.4 lbs.
		OUTDOOR	122.6 lbs.
SOUND PRESSURE LEVEL	INDOOR	LOW / HIGH	30 / 45 dB(A)
	OUTDOOR	HIGH	56 dB(A)
OPERATING TEMPERATURE	OUTDOOR	COOLING	14.0 ~ 115.0°F (-10.0 ~ 46.1°C)
		HEATING	-5.0 ~ 75.0°F (-20.5 ~ 23.9°C)
PIPE CONNECTIONS	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	1/4 in.
		LOW SIDE (FLARE)	5/8 in.
	MAX. LINE SET LENGTH		98 ft.
	MAX. VERTICAL SEPARATION		66 ft.
	CONDENSATE CONNECTION		11/16 in. OD
REFRIGERANT	TYPE		R410A
	FACTORY CHARGE		63.5 oz.
	CHARGED FOR		25 ft.
COMPRESSOR	TYPE		BLDC Rotary
EVAPORATOR FAN	TYPE		BLDC motor w/ cross-flow fan
	AIR VOLUME (L/M/H/T)	COOLING (CFM)	459 / 533 / 607 / 657
		HEATING (CFM)	459 / 533 / 607 / 657
CONDENSER FAN	MOTOR		BLDC motor w/axial fan (1)
	CFM (MAX.)		2,365
ACCESSORIES	WIRELESS CONTROLLER		INCLUDED
	WIRED CONTROLLER [1]	ADVANCED	MWR-WG00UN
		TOUCHSCREEN	MWR-SH11UN
	WIRED CONTROLLER SUB-PCB		MIM-A00UN
	EXTERNAL TEMPERATURE SENSOR		MRW-TA
	CENTRAL CONTROL INTERFACE MODULE		MIM-R10UN
	EXTERNAL CONTACT CONTROL INTERFACE MODULE [2]		MIM-B14
	THERMOSTAT ADAPTER (FOR CONNECTION TO 24VAC THERMOSTATS)		MIM-A60UN
	CONDENSATE PUMP	ASPEN MINI ORANGE	ASP-MO-UNIV110-250
		BLUE DIAMOND	BD-BLUE-230
	WALL BRACKET (FOR OUTDOOR UNIT)		CKN-250
	WIND BAFFLE/GUARD	FRONT	Refer to technical documents
		BACK	Refer to technical documents
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2509
			50' - ILS5009
CERTIFICATIONS	ENERGY STAR® CERTIFIED		-

10 YEAR WARRANTY Product Registration Required Conditions Apply

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†Available for download on the Google™ Play store and App Store®. A network connection is required. Samsung application account is necessary.
[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.
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Max Heat® 2.0

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

Max Heat®

MODEL	US CODE	INDOOR UNIT	RNS09ABT	RNS12ABT	RNS18ABT
		OUTDOOR UNIT	RXS09ACT	RXS12ACT	RXS18ACT
	MODEL NUMBER	INDOOR UNIT	AR09TSFABWKNCV	AR12TSFABWKNCV	AR18TSFABWKNCV
		OUTDOOR UNIT	AR09TSFACWKXCV	AR12TSFACWKXCV	AR18TSFACWKXCV
PERFORMANCE	CAPACITY	COOLING	9,000 Btu/h	12,000 Btu/h	18,000 Btu/h
		HEATING	11,000 Btu/h	12,000 Btu/h	20,600 Btu/h
	CAPACITY RANGE	COOLING	3,000 - 13,000 Btu/h	3,000 - 15,000 Btu/h	7,500 - 23,884 Btu/h
		HEATING	2,400 - 21,000 Btu/h	2,600 - 21,500 Btu/h	7,000 - 37,000 Btu/h
	SEER / EER		24.50 / 15.50	23.00 / 13.50	21.00 / 13.00
	COP (NOMINAL HEATING)		4.40	4.25	3.70
	HSPF		12.50	12.50	10.00
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
	MAX. BREAKER		20.0 A	20.0 A	30.0 A
	MIN. CIRCUIT AMPACITY		12.0 A	12.5 A	20.0 A
DIMENSIONS	W X H X D	INDOOR	35 X 11 3/4 X 8 7/16 in.	35 X 11 3/4 X 8 7/16 in.	41 17/32 X 11 3/4 X 8 7/16 in.
		OUTDOOR	31 1/8 X 21 9/16 X 11 1/4 in.	31 1/8 X 21 9/16 X 11 1/4 in.	34 5/8 X 31 7/16 X 12 3/16 in.
	WEIGHT	INDOOR	23.4 lbs.	23.4 lbs.	27.6 lbs.
		OUTDOOR	70.8 lbs.	70.8 lbs.	122.6 lbs.
SOUND PRESSURE LEVEL	INDOOR	LOW / HIGH	22 / 38 dB(A)	22 / 39 dB(A)	25 / 42 dB(A)
	OUTDOOR	HIGH	45 dB(A)	46 dB(A)	51 dB(A)
OPERATING TEMPERATURE	OUTDOOR	COOLING	0.0 ~ 115.0°F (-17.7 ~ 46.1°C)	0.0 ~ 115.0°F (-17.7 ~ 46.1°C)	0.0 ~ 115.0°F (-17.7 ~ 46.1°C)
		HEATING	-13.0 ~ 75.0°F (-25.0 ~ 23.9°C)	-13.0 ~ 75.0°F (-25.0 ~ 23.9°C)	-13.0 ~ 75.0°F (-25.0 ~ 23.9°C)
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.
	MAX. LINE SET LENGTH		66 ft.	66 ft.	98 ft.
	MAX. VERTICAL SEPARATION		49 ft.	49 ft.	66 ft.
	CONDENSATE CONNECTION		11/16 in. OD	11/16 in. OD	11/16 in. OD
REFRIGERANT	TYPE		R410A	R410A	R410A
	FACTORY CHARGE		40.6 oz.	40.6 oz.	63.5 oz.
	CHARGED FOR		25 ft.	25 ft.	25 ft.
COMPRESSOR	TYPE		BLDC Rotary	BLDC Rotary	BLDC Rotary
EVAPORATOR FAN	TYPE		BLDC motor w/ cross-flow fan	BLDC motor w/ cross-flow fan	BLDC motor w/ cross-flow fan
	AIR VOLUME (L/M/H/T)	COOLING (CFM)	251 / 304 / 357 / 392	251 / 321 / 374 / 427	399 / 466 / 533 / 579
		HEATING (CFM)	286 / 339 / 392 / 427	286 / 357 / 410 / 463	424 / 491 / 554 / 600
CONDENSER FAN	MOTOR		BLDC motor w/axial fan (1)	BLDC motor w/axial fan (1)	BLDC motor w/axial fan (1)
	CFM (MAX.)		1,589	1,589	2,225
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
	EXTERNAL TEMPERATURE SENSOR		MRW-TA	MRW-TA	MRW-TA
	CENTRAL CONTROL INTERFACE MODULE		MIM-R10UN	MIM-R10UN	MIM-R10UN
	EXTERNAL CONTACT CONTROL INTERFACE MODULE [2]		MIM-B14	MIM-B14	MIM-B14
	THERMOSTAT ADAPTER (FOR CONNECTION TO 24VAC THERMOSTATS)		MIM-A60UN	MIM-A60UN	MIM-A60UN
	CONDENSATE PUMP	ASPEN MINI ORANGE	ASP-MO-UNIV110-250	ASP-MO-UNIV110-250	ASP-MO-UNIV110-250
		BLUE DIAMOND	BD-BLUE-230	BD-BLUE-230	BD-BLUE-230
	WALL BRACKET (FOR OUTDOOR UNIT)		CKN-250	CKN-250	CKN-250
	WIND BAFFLE/GUARD	FRONT	Refer to technical documents		
		BACK	Refer to technical documents		
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2506	25' - ILS2506	25' - ILS2507
			50' - ILS5006	50' - ILS5006	50' - ILS5007
CERTIFICATIONS	ENERGY STAR® CERTIFIED		✓	✓	✓

10 YEAR WARRANTY Product Registration Required Conditions Apply

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ΔProper 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.
†Available for download on the Google™ Play store and App Store®. A network connection is required. Samsung application account is necessary.
[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.
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Max Heat® 2.0

SPECIFICATIONS - 24,000

MODEL	US CODE	INDOOR UNIT	RNS24ABT
		OUTDOOR UNIT	RXS24ACT
	MODEL NUMBER	INDOOR UNIT	AR24TSFABWKNCV
		OUTDOOR UNIT	AR24TSFACWKXCV
PERFORMANCE	CAPACITY	COOLING	21,000 Btu/h
		HEATING	27,400 Btu/h
	CAPACITY RANGE	COOLING	8,800 - 31,700 Btu/h
		HEATING	7,500 - 41,000 Btu/h
	SEER / EER		20.00 / 12.50
	COP (NOMINAL HEATING)		3.36
	HSPF		10.00
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60
	MAX. BREAKER		30.0 A
	MIN. CIRCUIT AMPACITY		20.0 A
DIMENSIONS	W X H X D	INDOOR	41 17/32 X 11 3/4 X 8 7/16 in.
		OUTDOOR	37 X 39 1/4 X 13 in.
	WEIGHT	INDOOR	27.6 lbs.
		OUTDOOR	150.4 lbs.
SOUND PRESSURE LEVEL	INDOOR	LOW / HIGH	28 / 47 dB(A)
	OUTDOOR	HIGH	56 dB(A)
OPERATING TEMPERATURE	OUTDOOR	COOLING	0.0 ~ 115.0°F (-17.7 ~ 46.1°C)
		HEATING	-13.0 ~ 75.0°F (-25.0 ~ 23.9°C)
PIPE CONNECTIONS	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	1/4 in.
		LOW SIDE (FLARE)	5/8 in.
	MAX. LINE SET LENGTH		98 ft.
	MAX. VERTICAL SEPARATION		66 ft.
	CONDENSATE CONNECTION		11/16 in. OD
REFRIGERANT	TYPE		R410A
	FACTORY CHARGE		88.2 oz.
	CHARGED FOR		25 ft.
COMPRESSOR	TYPE		BLDC Rotary
EVAPORATOR FAN	TYPE		BLDC motor w/ cross-flow fan
	AIR VOLUME (L/M/H/T)	COOLING (CFM)	399 / 512 / 622 / 713
		HEATING (CFM)	399 / 512 / 622 / 713
CONDENSER FAN	MOTOR		BLDC motor w/axial fan (1)
	CFM (MAX.)		2,825
ACCESSORIES	WIRELESS CONTROLLER		INCLUDED
	WIRED CONTROLLER [1]	ADVANCED	MWR-WG00UN
		TOUCHSCREEN	MWR-SH11UN
	WIRED CONTROLLER SUB-PCB		MIM-A00UN
	EXTERNAL TEMPERATURE SENSOR		MRW-TA
	CENTRAL CONTROL INTERFACE MODULE		MIM-R10UN
	EXTERNAL CONTACT CONTROL INTERFACE MODULE [2]		MIM-B14
	THERMOSTAT ADAPTER (FOR CONNECTION TO 24VAC THERMOSTATS)		MIM-A60UN
	CONDENSATE PUMP	ASPEN MINI ORANGE	ASP-MO-UNIV110-250
		BLUE DIAMOND	BD-BLUE-230
	WALL BRACKET (FOR OUTDOOR UNIT)		CKN-250
	WIND BAFFLE/GUARD	FRONT	Refer to technical documents
		BACK	Refer to technical documents
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2509
			50' - ILS5009
CERTIFICATIONS	ENERGY STAR® CERTIFIED		

10 YEAR WARRANTY Product Registration Required Conditions Apply

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†Available for download on the Google™ Play store and App Store®. A network connection is required. Samsung application account is necessary.
[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.
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Max

SPECIFICATIONS - 36,000

MODEL	US CODE	INDOOR UNIT	-
		OUTDOOR UNIT	-
	MODEL NUMBER	INDOOR UNIT	AQN36VFUAGM/CV
		OUTDOOR UNIT	AQX36VFUAGM/CV
PERFORMANCE	CAPACITY	COOLING	33,000 Btu/h
		HEATING	34,000 Btu/h
	CAPACITY RANGE	COOLING	9,000 - 38,000 Btu/h
		HEATING	9,000 - 45,000 Btu/h
	SEER / EER		18.00 / 11.00
	COP (NOMINAL HEATING)		3.11
	HSPF		9.00
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60
	MAX. BREAKER		30 A
	MIN. CIRCUIT AMPACITY		19.5 A
DIMENSIONS	W X H X D	INDOOR	50 3/8 X 13 9/16 X 10 in.
		OUTDOOR	36 11/16 X 45 7/8 X 14 3/4 in.
	WEIGHT	INDOOR	40.12 lbs.
		OUTDOOR	191.8 lbs.
SOUND PRESSURE LEVEL	INDOOR	LOW / HIGH	33 / 49 dB(A)
	OUTDOOR	HIGH	59 dB(A)
OPERATING TEMPERATURE	OUTDOOR	COOLING	14 ~ 114. 8°F (-10.0 ~ 46.1°C)
		HEATING	5 ~ 75°F (-15.0~ 23.9°C)
PIPE CONNECTIONS	INDOOR & OUTDOOR	HIGH SIDE (FLARE)	1/4 in.
		LOW SIDE (FLARE)	5/8 in.
	MAX. LINE SET LENGTH		164 ft.
	MAX. VERTICAL SEPARATION		98 ft.
	CONDENSATE CONNECTION		11/16 in. OD
REFRIGERANT	TYPE		R410A
	FACTORY CHARGE		88.1 oz.
	CHARGED FOR		25 ft.
COMPRESSOR	TYPE		BLDC Rotary
EVAPORATOR FAN	TYPE		BLDC motor w/ cross-flow fan (1)
	AIR VOLUME	CMF (L/M/H/T)	580 / 750 / 920 / -
CONDENSER FAN	MOTOR		BLDC With Axial Type Fan (2)
	CFM (MAX.)		2,300
ACCESSORIES	WIRED CONTROLLER	PREMIUM[1]	AQN-WRP2
	WIRELESS CONTROLLER		DB93-11115Y
	CONDENSATE PUMP	ASPEN MINI ORANGE	ASP-MO-UNIV110-250
	WALL BRACKET (FOR OUTDOOR UNIT)		CKN-250
	WIND BAFFLE/GUARD	FRONT	WBF-4M (2 required)
		BACK	WBB-9M
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2509
			50' - ILS5009

10 YEAR WARRANTY Product Registration Required Conditions Apply

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Models manufactured after 1/1/2015 qualify for the Enhanced 10 Year Warranty.
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[1] AQN-WRP2 includes MWR-WE13U wired controller, sub-PCB, and sub-PCB connection harness
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Free Joint Multi (FJM)

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

MODEL	US CODE		JXH20J2T	JXH24J3T	JXH36J4T	JXH48J5T
	MODEL NUMBER		AJ020TXJ2CH/AA	AJ024TXJ3CH/AA	AJ036TXJ4CH/AA	AJ048TXJ5CH/AA
TONS	NOMINAL		1.5	1.83	2.67	3.92
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	8,500 Btu/h	8,500 Btu/h
	MIN. HEATING CAPACITY		3,500 Btu/h	4,300 Btu/h	7,600 Btu/h	7,000 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	ø / V / Hz	1 / 208-230V / 60Hz	1 / 208-230V / 60Hz	1 / 208-230V / 60Hz	1 / 208-230V / 60Hz
	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
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		14.0 ~ 114.8°F (-10.0 ~ 46.0°C)	14.0 ~ 114.8°F (-10.0 ~ 46.0°C)	14.0 ~ 114.8°F (-10.0 ~ 46.0°C)	14.0 ~ 114.8°F (-10.0 ~ 46.0°C)
	HEATING		5.0 ~75.0°F (-15.0 ~ 24.0°C)	5.0 ~75.0°F (-15.0 ~ 24.0°C)	5.0 ~75.0°F (-15.0 ~ 24.0°C)	5.0 ~75.0°F (-15.0 ~ 24.0°C)
PIPE CONNECTIONS	OUTDOOR	LIQUID (FLARE)	1/4" X 2	1/4" X 3	1/4" X 4	1/4" X 5
		SUCTION (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
	PIPE ADAPTERS (INCLUDED)		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 LENTH (TOTAL)		164 ft.	230 ft.	230 ft.	230 ft.
	MAX. LINE SET LENGTH (INDIVIDUAL)		82 ft.	82 ft.	82 ft.	82 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.	134.0 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	-

10 YEAR WARRANTY Product Registration Required Conditions Apply

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FJM Max Heat®

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

MODEL	US CODE		JXH20S3T	JXH24S4T	JXH30S4T	JXH36S4T
	MODEL NUMBER		AJ020TXS3CH/AA	AJ024TXS4CH/AA	AJ030TXS4CH/AA	AJ036TXS4CH/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	36,000 / 36,600 Btu/h
	MIN. COOLING CAPACITY		7,000 Btu/h	7,000 Btu/h	7,000 Btu/h	7,000 Btu/h
	MIN. HEATING CAPACITY		7,500 Btu/h	7,500 Btu/h	7,500 Btu/h	7,500 Btu/h
	MAX. HEATING CAPACITY @ 5.0°F (-15.0°C)(BTU/H)		22,000 Btu/h	25,000 Btu/h	28,600 Btu/h	36,600 Btu/h
	MAX. HEATING CAPACITY @ -13.0°F (-25.0°C)(BTU/H)		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 / 208-230V / 60Hz	1 / 208-230V / 60Hz	1 / 208-230V / 60Hz	1 / 208-230V / 60Hz
	MAX. BREAKER		30.0 A	30.0 A	30.0 A	40.0 A
	MIN. CIRCUIT AMPACITY		25.5 A	26.0 A	26.0 A	36.5 A
DIMENSIONS	W X H X D		37 X 39 5/16 X 13 in.	37 X 39 5/16 X 13 in.	37 X 39 5/16 X 13 in.	37 X 47 5/8 X 13 in.
	WEIGHT		170.90 lbs.	173.10 lbs.	173.10 lbs.	192.90 lbs.
SOUND LEVEL	OUTDOOR	COOLING / HEATING (MAX.)	54 / 58 dB(A)	54 / 58 dB(A)	54 / 58 dB(A)	52 / 55 dB(A)
OPERATING TEMPERATURE	COOLING		14.0 ~ 114.8°F (-10.0 ~ 46.0°C)	14.0 ~ 114.8°F (-10.0 ~ 46.0°C)	14.0 ~ 114.8°F (-10.0 ~ 46.0°C)	14.0 ~ 114.8°F (-10.0 ~ 46.0°C)
	HEATING		-13.0 ~75.0°F (-25.0 ~ 24.0°C)	-13.0 ~75.0°F (-25.0 ~ 24.0°C)	-13.0 ~75.0°F (-25.0 ~ 24.0°C)	-13.0 ~75.0°F (-25.0 ~ 24.0°C)
PIPE CONNECTIONS	OUTDOOR	LIQUID (FLARE)	1/4" X 3	1/4" X 4	1/4" X 4	1/4" X 4
		SUCTION (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
	PIPE ADAPTERS (INCLUDED)		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 (TOTAL)		164 ft.	230 ft.	230 ft.	230 ft.
	MAX. INDIVIDUAL LINE SET LENGTH		82 ft.	82 ft.	82 ft.	82 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		119.9 oz.	119.9 oz.	119.9 oz.	127 oz.
	CHARGED FOR		131 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.)		2,493	2,493	2,493	3,885
ACCESSORIES	WALL BRACKET (FOR OUTDOOR UNIT)		CKN-250	CKN-250	CKN-250	CKN-250
	WIND BAFFLE/GUARD	FRONT	WBF-2M-B	WBF-2M-B	WBF-2M-B	WBF-1M2
		BACK	WBB-11M	WBB-11M	WBB-11M	WBB-2M-B
CERTIFICATIONS	ENERGY STAR® CERTIFIED		Non-Ducted Indoor Units Only	Non-Ducted Indoor Units Only	Non-Ducted Indoor Units Only	Non-Ducted Indoor Units Only

10 YEAR WARRANTY Product Registration Required Conditions Apply

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WindFree™* Mini 4-Way Cassette

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

MODEL	US CODE		JNH09NDT	JNH12NDT	JNH18NDT
	MODEL NUMBER		AJ009TNNDCH/AA	AJ012TNNDCH/AA	AJ018TNNDCH/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
	NOMINAL RUNNING CURRENT		0.51 A	0.52 A	0.53 A
UNIT DIMENSIONS	W X H X D		22 5/8 X 10 X 22 5/8 in.	22 5/8 X 10 X 22 5/8 in.	22 5/8 X 10 X 22 5/8 in.
	WEIGHT		25.40 lbs.	25.40 lbs.	26.00 lbs.
SOUND LEVEL	INDOOR	(L / M / H)	24 / 29 / 33 dB(A)	27 / 31 / 35 dB(A)	32 / 36 / 39 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	LIQUID (FLARE)	1/4"	1/4"	1/4"
		SUCTION (FLARE)	3/8"	3/8"	1/2"
	DRAIN		11/4 in. OD, 1 in. ID	11/4 in. OD, 1 in. ID	11/4 in. OD, 1 in. ID
FAN	TYPE		Turbo (1)	Turbo (1)	Turbo (1)
	AIRFLOW	CFM (L / M / H)	244 / 290 / 318	261 / 318 / 371	261 / 318 / 371
FASCIA PANEL (SOLD SEPARATELY)	WIND-FREE™*	MODEL NUMBER	PC4SUFMUN	PC4SUFMUN	PC4SUFMUN
		L X W X H	24 3/8" X 24 3/8" X 2 1/4"	24 3/8" X 24 3/8" X 2 1/4"	24 3/8" X 24 3/8" X 2 1/4"
		WEIGHT	5.95 lbs.	5.95 lbs.	5.95 lbs.
ACCESSORIES	WIRED CONTROLLERS	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 [2]		MIM-H04UN	MIM-H04UN	MIM-H04UN
	MOTION DETECTION SENSOR (MDS)		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
	CN83 PIGTAIL		DB39-01263A	DB39-01263A	DB39-01263A
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2506	25' - ILS2506	25' - ILS2507
			50' - ILS5006	50' - ILS5006	50' - ILS5007

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*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).
[2] MIM-H04UN 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		JNH09JDT	JNH12JDT	JNH15JDT	JNH18JDT
	MODEL NUMBER		AJ009TNJDCH/AA	AJ012TNJDCH/AA	AJ015TNJDCH/AA	AJ018TNJDCH/AA
PERFORMANCE	CAPACITY	COOLING	8,900 Btu/h	11,900 Btu/h	15,000 Btu/h	17,700 Btu/h
		HEATING	9,900 Btu/h	13,000 Btu/h	18,000 Btu/h	19,100 Btu/h
POWER	VOLTAGE	ø / V / Hz	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60	1 / 208-230 / 60
	NOMINAL RUNNING CURRENT		0.25 A	0.29 A	0.35 A	0.35 A
UNIT DIMENSIONS	W X H X D		28 3/8 X 24 7/16 X 7 13/16 in.	28 3/8 X 24 7/16 X 7 13/16 in.	28 3/8 X 24 7/16 X 7 13/16 in.	28 3/8 X 24 7/16 X 7 13/16 in.
	WEIGHT		34.60 lbs.	34.60 lbs.	34.60 lbs.	34.60 lbs.
SOUND LEVEL	INDOOR	(L / M / H)	33 / 35 / 38 dB(A)	33 / 35 / 38 dB(A)	36 / 39 / 42 dB(A)	36 / 39 / 42 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	LIQUID (FLARE)	1/4"	1/4"	1/4"	1/4"
		SUCTION (FLARE)	3/8"	3/8"	1/2"	1/2"
	DRAIN		1 in. ID	1 in. ID	1 in. ID	1 in. ID
FAN	TYPE		Turbo (1)	Turbo (1)	Turbo (1)	Turbo (1)
	AIRFLOW	CFM (L / M / H)	212 / 240 / 265	220 / 254 / 300	254 / 290 / 318	261 / 297 / 332
ACCESSORIES	WIRED CONTROLLERS	ADVANCED	MWR-WG00UN	MWR-WG00UN	MWR-WG00UN	MWR-WG00UN
		TOUCHSCREEN	MWR-SH11UN	MWR-SH11UN	MWR-SH11UN	MWR-SH11UN
	WIRELESS REMOTE CONTROLLER		AR-EH04U	AR-EH04U	AR-EH04U	AR-EH04U
	WI-FI ADAPTER [1]		MIM-H04UN	MIM-H04UN	MIM-H04UN	MIM-H04UN
	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
	CN83 PIGTAIL		DB39-01263A	DB39-01263A	DB39-01263A	DB39-01263A
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2506 50' - ILS5006	25' - ILS2506 50' - ILS5006	25' - ILS2507 50' - ILS5007	25' - ILS2507 50' - ILS5007

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[1] MIM-H04UN is only required for remote control of cassette, console, and duct indoor units. Only one per system is required.
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Slim Duct

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

MODEL	US CODE		JNH09LDT	JNH12LDT	JNH18LDT
	MODEL NUMBER		AJ009TNLDCH/AA	AJ012TNLDCH/AA	AJ018TNLDCH/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
	NOMINAL RUNNING CURRENT		0.45 A	0.45 A	0.45 A
UNIT DIMENSIONS	W X H X D		35 7/16 X 7 13/16 X 17 5/16 in.	35 7/16 X 7 13/16 X 17 5/16 in.	35 7/16 X 7 13/16 X 17 5/16 in.
	WEIGHT		41.70 lbs.	41.70 lbs.	41.70 lbs.
SOUND LEVEL	INDOOR	(L / M / H)	23 / 25 / 28 dB(A)	23 / 25 / 30 dB(A)	23 / 29 / 33 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	LIQUID (FLARE)	1/4"	1/4"	1/4"
		SUCTION (FLARE)	3/8"	3/8"	1/2"
	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		Sirocco (2)	Sirocco (2)	Sirocco (2)
	AIRFLOW	CFM (L / M / H)	159 / 237 / 328	159 / 268 / 378	191 / 346 / 494
	STATIC PRESSURE	STANDARD	0.08 in. WC	0.08 in. WC	0.08 in. WC
		MIN. / MAX.	0.0 / 0.2 in. WC	0.0 / 0.2 in. WC	0.0 / 0.2 in. WC
ACCESSORIES	WIRED CONTROLLERS	ADVANCED	MWR-WG00UN	MWR-WG00UN	MWR-WG00UN
		TOUCHSCREEN	MWR-SH11UN	MWR-SH11UN	MWR-SH11UN
	WI-FI ADAPTER [1]		MIM-H04UN	MIM-H04UN	MIM-H04UN
	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-SLIM2
	CN83 PIGTAIL		DB39-01263A	DB39-01263A	DB39-01263A
	LINE SETS - INSULATED AND FLARED, INTERCONNECT CABLES INCLUDED		25' - ILS2506	25' - ILS2506	25' - ILS2507
			50' - ILS5006	50' - ILS5006	50' - ILS5007

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[1] MIM-H04UN is only required for remote control of cassette, console, and duct indoor units. Only one per system is required.
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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
	NOMINAL RUNNING CURRENT		0.4 A	0.4 A	0.4 A
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		23.40 lbs.	23.40 lbs.	23.40 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"	1/4"	1/4"
		SUCTION (FLARE)	3/8"	3/8"	3/8"
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
		HEATING (CFM)	288 / 328 / 355 / 381	289 / 329 / 369 / 396	282 / 335 / 374 / 413
ACCESSORIES	WIRED CONTROLLERS [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-UNIV110-250	ASP-MO-UNIV110-250	ASP-MO-UNIV110-250
		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
	NOMINAL RUNNING CURRENT		0.4 A	0.5 A	0.5 A
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.	27.60 lbs.	27.60 lbs.
SOUND LEVEL	INDOOR	(L / H)	23 / 40 dB(A)	25 / 42 dB(A)	28 / 47 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	LIQUID (FLARE)	1/4"	1/4"	1/4"
		SUCTION (FLARE)	3/8"	1/2"	5/8"
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
		HEATING (CFM)	279 / 331 / 383 / 422	447 / 501 / 556 / 592	490 / 566 / 643 / 719
ACCESSORIES	WIRED CONTROLLERS [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-UNIV110-250	ASP-MO-UNIV110-250	ASP-MO-UNIV110-250
		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

10 YEAR WARRANTY Product Registration Required Conditions Apply

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πThe 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.
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Quantum 2.0

SPECIFICATIONS – 7,000 | 9,000 | 12,000

MODEL	US CODE		RNS07YBT	RNS09YBT	RNS12YBT
	MODEL NUMBER		AR07TSFYBWKNCV	AR09TSFYBWKNCV	AR12TSFYBWKNCV
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
	NOMINAL RUNNING CURRENT		0.3 A	0.3 A	0.3 A
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 / 37 dB(A)	23 / 37 dB(A)	23 / 38 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	LIQUID (FLARE)	1/4"	1/4"	1/4"
		SUCTION (FLARE)	3/8"	3/8"	3/8"
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	307 / 335 / 350 / 364	309 / 337 / 364 / 378
		HEATING (CFM)	340 / 354 / 368 / 381	339 / 367 / 381 / 396	343 / 371 / 399 / 413
ACCESSORIES	WIRED CONTROLLERS [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-UNIV110-250	ASP-MO-UNIV110-250	ASP-MO-UNIV110-250
		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		RNS15YBT	RNS18YBT	RNS24YBT
	MODEL NUMBER		AR15TSFYBWKNCV	AR18TSFYBWKNCV	AR24TSFYBWKNCV
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
	NOMINAL RUNNING CURRENT		0.4 A	0.5 A	0.5 A
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)	25 / 41 dB(A)	28 / 41 dB(A)	30 / 45 dB(A)
PIPE CONNECTIONS	INDOOR & OUTDOOR	LIQUID (FLARE)	1/4"	1/4"	1/4"
		SUCTION (FLARE)	3/8"	1/2"	5/8"
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	WIRED CONTROLLERS [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-UNIV110-250	ASP-MO-UNIV110-250	ASP-MO-UNIV110-250
		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

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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.
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Controls

System Type	IDU Model Name	Description	Part Number
Residential Single Zone Systems	WindFree™* 2.0 Max Heat® 2.0 Quantum 2.0	Wireless Controller	Included
		Touchscreen Wired Controller[1]	MWR-SH11UN
		Advanced Wired Controller[1]	MWR-WG00UN
		Wired Controller Sub PCB	MIM-A00UN
		External Contact Control Interface Module[1]	MIM-B14
		Thermostat Adapter (24VAC)	MIM-A60UN
	Max	Wireless Controller	Included
		Premium Wired Controller and Connection Kit	AQN-WRP2
Residential Multi-Zone Systems	WindFree™* Mini 4-Way Cassette Slim Duct Console WindFree™* 2.0 Quantum 2.0	Wireless Controller[2]	AR-EH04U
		Touchscreen Wired Controller[1]	MWR-SH11UN
		Advanced Wired Controller[1]	MWR-WG00UN
		Wi-Fi Adapter[3]	MIM-H04UN
		Wired Controller Sub PCB	MIM-A00UN
		External Contact Control Interface Module[1]	MIM-B14
		Thermostat Adapter (24VAC)	MIM-A60UN
		Motion Detection Sensor (MDS)[4]	MCR-SMD

[1]MIM-A00UN sub-PCB is required when connecting to WindFree™* 2.0 and Quantum 2.0 units
[2]Included with WindFree™* 2.0 and Quantum 2.0 units. Optional for WindFree™* Mini 4-Way Cassette and Console units connected to a FJM or FJM Max Heat® outdoor unit. Not compatible with Slim Duct units.
[3]MIM-H04UN is only required for remote control of cassette, console, and duct indoor units connected to a FJM or FJM Max Heat® outdoor unit. Only one per system is required.
[4]Compatible with WindFree™* Mini 4-Way Cassette only
*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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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

Wi-Fi Adapter

- Remote access with mobile device
- Adjust temperature, settings, and receive real-time updates about performance and energy usage
- One wi-fi adapter can control all indoor units connected to a FJM system

Thermostat Adapter

- Power On/Off
- Mode: Heat, Cool, Fan (auto, low, medium, high)
- Supports 1 or 2 stages cooling inputs, 1 or 2 stages heating inputs

Motion Detection Sensor (MDS)

- Learns occupancy patterns to reduce run time between occupied and unoccupied times
- Automatically turns off or changes set temperature based on room occupancy

External Contact Control Interface Module

- Provides On/Off control, error status output, operation output, and/or supplemental external hest control

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

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Accessories

Line Sets

Part Number	Size	Length
ILS2506	1/4" X 3/8"	25'
ILS5006	1/4" X 3/8"	50'
ILS2507	1/4" X 1/2"	25'
ILS5007	1/4" X 1/2"	50'
ILS2509	1/4" X 5/8"	25'
ILS5009	1/4" X 5/8"	50'

Condenser Wall Bracket

Part Number	Description
CKN-250	Outdoor unit mounting bracket

Condenstate Pumps

Part Number	Description
ASP-MO-UNIV 110-250	Aspen Mini Orange, 24V and 110-250V, Remote Mount Condensate Pump w/ Reservoir and Float Switch
BD-BLUE-230	Blue Diamond MaxiBlue, 208-230V, Remote Mount Condensate Pump w/ Reservoir and Float Switch

WindFree™* Mini 4-Way Cassette Fascia Panel

Part Number	PC4SUFMUN
Size (LxWxH)	24 3/8 X 24 3/8 X 2 1/4 in.
Weight	5.95 lbs

Wind Baffles

Front			
Baffle Model Number	**ODU Model Number**	**US Code**	**Model Name**
WBF-3M	AR09TSFABWKXCV	RXS09ABT	WindFree™* 2.0
WBF-3M	AR12TSFABWKXCV	RXS12ABT	
WBF-7M	AR18TSFABWKXCV	RXS18ABT	
WBF-2M-B	AR24TSFABWKXCV	RXS24ABT	
WBF-3M	AR09TSFACWKXCV	RXS09ACT	Max Heat® 2.0
WBF-3M	AR12TSFACWKXCV	RXS12ACT	
WBF-7M	AR18TSFACWKXCV	RXS18ACT	
WBF-2M-B	AR24TSFACWKXCV	RXS24ACT	
WBF-3M	AR09TSFYBWKXCV	RXS09YBT	Quantum 2.0
WBF-3M	AR12TSFYBWKXCV	RXS12YBT	
WBF-5M	AR18TSFYBWKXCV	RXS18YBT	
WBF-7M	AR24TSFYBWKXCV	RXS24YBT	
WBF-4M	AQX36VFUAGM/CV	-	Max
WBF-7M	AJ020TXJ2CH/AA	JXH20J2T	FJM
WBF-7M	AJ024TXJ3CH/AA	JXH24J3T	
WBF-2M-B	AJ036TXJ4CH/AA	JXH36J4T	
WBF-1M2	AJ048TXJ5CH/AA	JXH48J5T	
WBF-2M-B	AJ020TXS3CH/AA	JXH20S3T	FJM Max Heat®
WBF-2M-B	AJ024TXS4CH/AA	JXH24S4T	
WBF-2M-B	AJ030TXS4CH/AA	JXH30S4T	
WBF-1M2	AJ036TXS4CH/AA	JXH36S4T	

Back			
Baffle Model Number	**ODU Model Number**	**US Code**	**Model Name**
WBB-5M	AR09TSFABWKXCV	RXS09ABT	WindFree™* 2.0
WBB-5M	AR12TSFABWKXCV	RXS12ABT	
WBB-7M-B	AR18TSFABWKXCV	RXS18ABT	
WBB-3M	AR24TSFABWKXCV	RXS24ABT	
WBB-5M	AR09TSFACWKXCV	RXS09ACT	Max Heat® 2.0
WBB-5M	AR12TSFACWKXCV	RXS12ACT	
WBB-7M-B	AR18TSFACWKXCV	RXS18ACT	
WBB-3M	AR24TSFACWKXCV	RXS24ACT	
WBB-5M	AR09TSFYBWKXCV	RXS09YBT	Quantum 2.0
WBB-5M	AR12TSFYBWKXCV	RXS12YBT	
WBB-6M-B	AR18TSFYBWKXCV	RXS18YBT	
WBB-7M-B	AR24TSFYBWKXCV	RXS24YBT	
WBB-9M	AQX36VFUAGM/CV	-	Max
WBB-7M-B	AJ020TXJ2CH/AA	JXH20J2T	FJM
WBB-7M-B	AJ024TXJ3CH/AA	JXH24J3T	
WBB-11M	AJ036TXJ4CH/AA	JXH36J4T	
WBB-2M-B	AJ048TXJ5CH/AA	JXH48J5T	
WBB-11M	AJ020TXS3CH/AA	JXH20S3T	FJM Max Heat®
WBB-11M	AJ024TXS4CH/AA	JXH24S4T	
WBB-11M	AJ030TXS4CH/AA	JXH30S4T	
WBB-2M-B	AJ036TXS4CH/AA	JXH36S4T	

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