

SAMSUNG

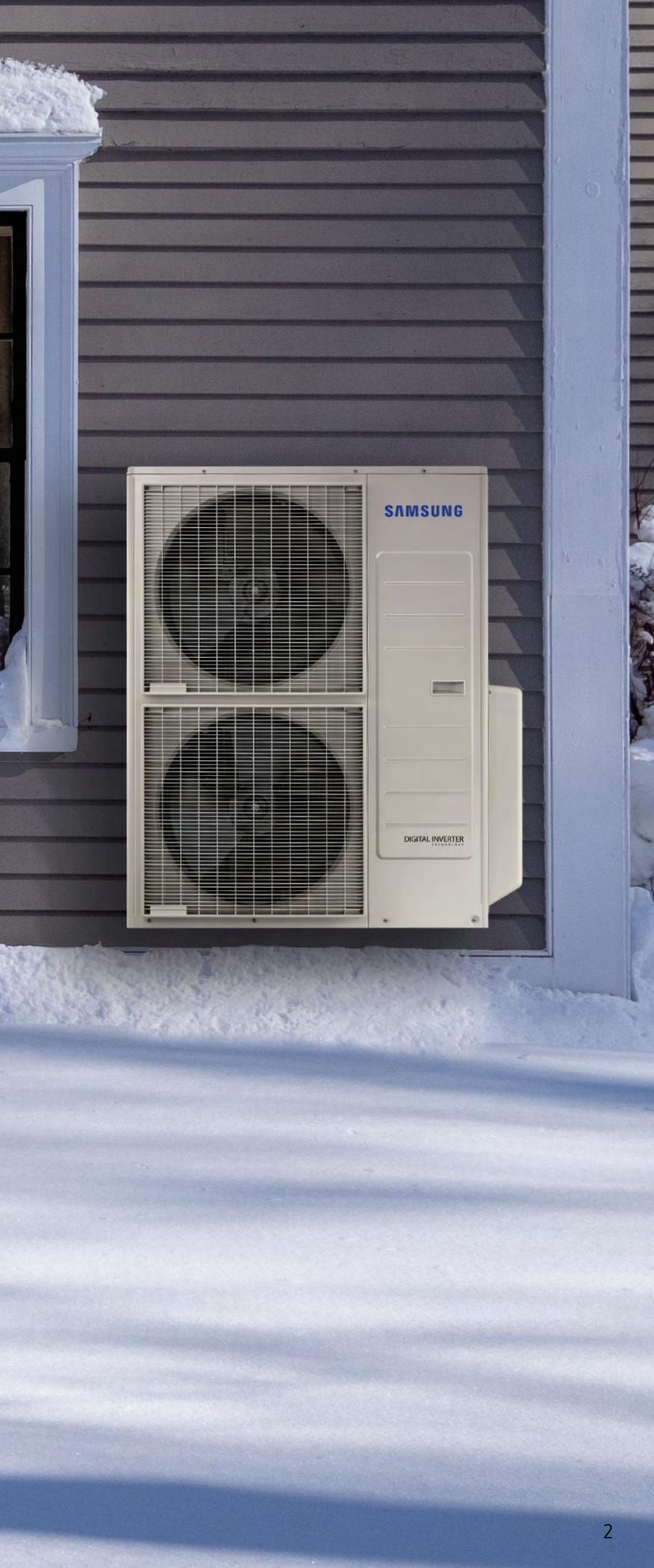


**Maximum heat.
Maximum flexibility.**



Product Registration Required
Conditions Apply





Prevent the pile-up

Snow Accumulation Prevention

The time of accumulated snow on idle outdoor units is over. When the temperature is below 41°F (5°C), fans will operate every 30 minutes on idle outdoor units to prevent snow buildup. Featured on all Max Heat® systems.

No more cold feet

Base Pan Heaters

Defrost water is not a problem for Samsung Max Heat® systems. When ice is removed from the coil after the defrost cycle, the base pan heaters prevent it from refreezing at the bottom of the outdoor unit.

Base pan heaters come standard on Max Heat® 3.0, FJM Max Heat® and Light Commercial Max Heat® outdoor units. An accessory base pan heater kit is available for DVM S2 Max Heat®.

Base Pan Heater

In order to prevent refreezing of condensate water, a base pan heater is used.



Oval Shaped Drain Holes

Sufficient size holes to prevent blockage due to snow/ice accumulation.





SmartThings

Samsung's exclusive SmartThings app allows users to remotely regulate temperature, adjust settings, receive real-time updates about system performance and energy usage. The SmartThings app goes even further by letting you connect, automate and manage all of your Samsung and SmartThings-compatible appliances and electronics with a single, easy-to-use and free app.



Explore Rebates

Is your inefficient heating and cooling system driving your monthly energy bills up? With rebates and incentives to install electric heat pump systems, there's never been a better time to add innovation, efficiency and comfort to your home while putting a stop to runaway energy bills. Find out which Samsung products qualify for homeowner rebates provided by federal, state, or local governments and utility companies.



Learn more at samsunghvac.com/rebates



Available Capacities: 9K, 12K, 15K, 18K and 24K Btu/h

Max Heat® 3.0

Single Zone Systems

For homeowners in cold climates that have a single room or addition that has different air conditioning needs than the rest of the house, the Max Heat® 3.0 ductless mini split system is the perfect solution. This system provides 100% heating performance down to -4°F (-20°C) with high heating output at -22°F (-30°C).

The Max Heat® 3.0 condensing unit is compatible with the WindFree™* 3.0 indoor unit.



Find all Max Heat® 3.0 specifications on [SamsungHVAC.com](https://www.samsunghvac.com).



WindFree™* Cooling Technology

Samsung's exclusive WindFree™* Cooling technology maintains the desired temperature in your home, eliminates cold drafts and reduces energy use by delivering air through micro holes on the indoor unit to produce a dispersed and gentle flow of air defined as "still air."



AI Technology

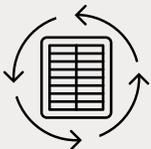
Our WindFree™* 3.0 is equipped with AI technology to monitor indoor temperature, outdoor temperature, set temperature, and operating time to learn the patterns within your home and automatically adjust system operation to maximize comfort.

Requires connection to the internet and the SmartThings app.



Motion Sensor

The Motion Detection Sensor (MDS) on our WindFree™* 3.0 optimizes energy savings and comfort in any space. Users can choose between direct airflow, to have air follow the user around the room, or indirect airflow, where the user can have the air blow away from them in the room. When the MDS recognizes that there are no occupants in the space, the system will automatically implement energy saving measures to reduce energy use.



Reusable Filter

Our WindFree™* 3.0 comes with a washable, reusable filter located on the top of the unit, making it easy to remove, clean and put back. Ensuring you have a clean air filter on a regular basis can help improve your air conditioner's efficiency and boost the air quality in your home.



Freeze Wash

The Freeze Wash function on our WindFree™* 3.0 allows users to maintain optimal performance with the push of a button. Freeze Wash quickly frosts the indoor unit heat exchanger, defrosts the ice, and then dries the coil washing away dirt and dust.

FJM Max Heat®

Multi-Zone Systems

The Free Joint Multi (FJM) Max Heat® system supports 2 to 4 indoor units for multi-zone control and provides 100% heating performance at 5°F (-15°C) with high heating output at -13°F (-25°C), making it the ideal solution for homeowners in cold climates.



Available Capacities: 20K, 24K, 30K and 36K Btu/h

Get the best equipment, best suited for your project.



Slim Duct
9K, 12K and 18K Btu/h



Duct S
9K, 12K, 15K and 18K Btu/h



**Multi-Position
Air Handler (MPAH)**
12K, 18K and 24K Btu/h



WindFree™ 3.0
7K, 9K, 12K, 15K, 18K and 24K Btu/h



WindFree™ 3.0i
7K, 9K, 12K, 15K, 18K and 24K Btu/h



WindFree™ 3.0e
7K, 9K, 12K, 15K, 18K and 24K Btu/h



**WindFree™
Mini 4-Way Cassette**
9K, 12K and 18K Btu/h



**WindFree™
I-Way Cassette**
9K and 12K Btu/h



Console
9K, 12K, 15K and 18K Btu/h



Find all FJM Max Heat® specifications on SamsungHVAC.com.



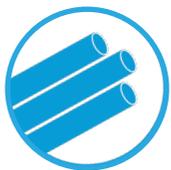
Ultimate Zoning Solution

“Zoning” is a method of dividing a home into independently controlled temperature zones for enhanced comfort and efficiency. Unlike a central system that may only have a single thermostat controlling the whole house, zoned systems give you greater control over different areas or zones. A multi-zone system uses multiple indoor units connected to a single outdoor unit to allow you to either heat or cool areas where you spend the most time differently than those you don’t use as much. This saves energy and helps reduce energy costs, regardless of the time of year.



Flexible Installation

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



Home Run Refrigerant Piping

Samsung’s home-run refrigerant piping with flared connections requires no refrigerant branches or brazing. This setup offers zoning benefits, reduces energy loss, and enhances system flexibility, making it a popular choice for efficient and customizable heating and cooling solutions in homes.



Compact Size

The small footprint and lighter weight of the FJM Max Heat® outdoor unit makes it easier to maneuver and saves space in the van compared to other unitary heat pump products.

Light Commercial Max Heat®

Single Zone Systems

With the ability to provide 100% heating performance at -4°F (-20°C) with high heating output at -13°F (-25°C), the Light Commercial Max Heat® system is the ideal solution for buildings in areas that experience low outdoor ambient temperature.



Available Capacities: 30K and 36K Btu/h



Our indoor units have major advantages.



Multi-Position Air Handler (MPAH)

- Fully multi-position installation flexibility
- Ability to handle external static pressure up to 1.0" WC



WindFree™* 4-Way Cassette

- WindFree™* Cooling technology (available in cooling mode only)
- Independent louver control within a 32-65° range
- Fascia panel sold separately



Duct S

- Automatically adjusts the fan speed based on the duct system external static pressure (ESP) for a simpler, faster installation.
- All internal components are accessible from the top, side, or bottom of the unit for simpler, faster service.



Find all Light Commercial Max Heat® specifications on SamsungHVAC.com.



WindFree™* Cooling Technology

Samsung's exclusive WindFree™* Cooling technology maintains the desired temperature in your home and eliminates cold drafts and reduces energy use by delivering air through micro holes on the indoor unit to produce a dispersed and gentle flow of air defined as "still air."



AI Technology

Equipped with AI technology to monitor 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

Utilizes a twin rotary BLDC compressor with highly stable moving parts. This results in reduced torque variation as compared to a conventional single BLDC compressor.



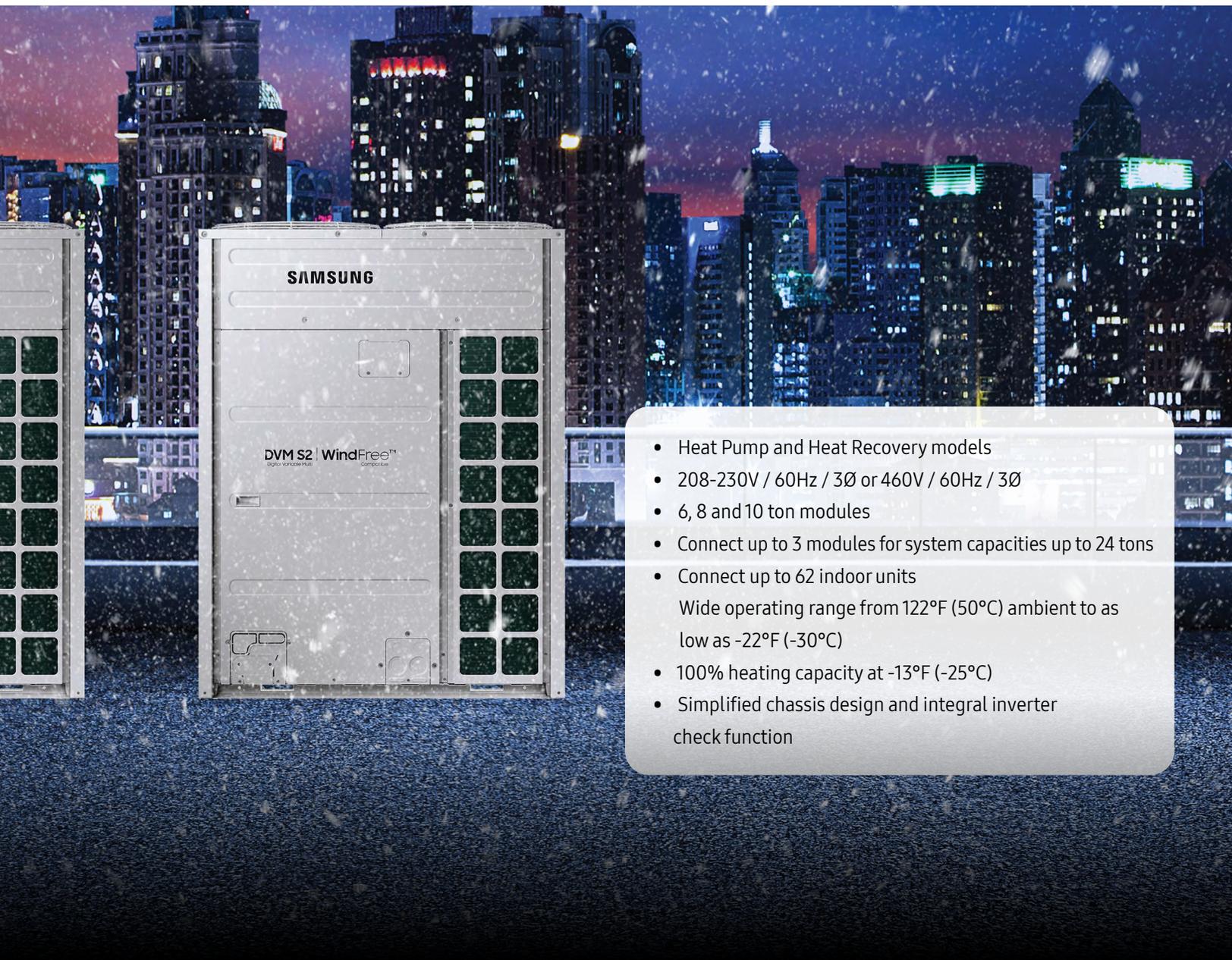
Quiet Operation

Low sound levels of only 51dB(A) can be further reduced using the Night Time Quiet mode to reduce operating noise from the outdoor unit at night.

DVM S2 Max Heat®

VRF Systems

With the ability to produce high heating capacity at -22°F (-30°C), Samsung's DVM S2 Max Heat® systems are the ideal solution for commercial buildings in areas that experience extreme temperatures.



- Heat Pump and Heat Recovery models
- 208-230V / 60Hz / 3Ø or 460V / 60Hz / 3Ø
- 6, 8 and 10 ton modules
- Connect up to 3 modules for system capacities up to 24 tons
- Connect up to 62 indoor units
- Wide operating range from 122°F (50°C) ambient to as low as -22°F (-30°C)
- 100% heating capacity at -13°F (-25°C)
- Simplified chassis design and integral inverter check function



Find all DVM S2 Max Heat® specifications on [SamsungHVAC.com](https://www.samsunghvac.com).



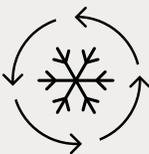
Active AI Technology

DVM S2 systems feature Artificial Intelligence (AI) with Deep Neural Network algorithms¹ to optimize system operation with high and low pressure control, defrost cycle activation and operation, and low refrigerant monitoring. The new AI technology allows the equipment to operate at exact target pressures and temperatures based on application to save energy.



AI High and Low Pressure Control

Learns the recent cooling operation pattern² so that the memory cycle status can help reach a targeted low pressure to create the cooling environment desired by the user. To control high pressure, the system automatically recognizes the installed system pipe length and vertical separation and adjusts the target high pressure and reduces unnecessary high pressure, thereby reducing the energy used by the compressor by up to 15%².



AI Low Refrigerant Monitoring

Uses data from various sensors embedded in indoor and outdoor units to determine the amount of refrigerant required to maintain the system and ensure the best performance³. The system also monitors refrigerant volume in real time during cooling operation and displays a warning code for checkup on the outdoor unit PCB and in central controls (conditions apply).



AI Defrost

Learns and trends fan motor current to detect ice formation on the condenser coil during heating operation. This also detects temperature in order to increase heating operation duration between defrost cycles to reduce overall defrost cycle duration.

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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).

Select models are ENERGY STAR® Labeled. Proper sizing and installation of equipment is critical to achieve performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR® criteria. Ask your contractor for details or visit www.energystar.gov. Available for download on the Google™ Play store and App Store®. A network connection is required. Samsung application account is necessary.

¹Machine learning technology built on artificial neural networks (ANN) to enable computers to learn on their own using multiple data points.

²Conditions apply. Refer to technical documents for more information.

³Requires an initial dedicated refrigerant check function during commissioning.

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