



## **RSXC-S Series**

Cold Climate

Single Packaged Vertical Heat Pump

SPHP

# RSXC-S Series

## Heat Pumps are Ready for the Cold

Ice Air RSXC-S Series Cold Climate heat pumps are efficient, sustainable, heat pumps designed for cold climate energy efficiency. Providing the performance of a Variable Refrigerant Flow (VRF) system and the convenience of a packaged unit, the RSXC-S Series combines sophisticated technology with a sleek, compact footprint that complements any décor. Heating using compressor only (no backup electric heat) down to -5°F, with a theoretical lower limit of -25°F.



The RSXC-S Series complies with the NEEP Cold Climate Air Source Heat Pump (ccASHP) efficiency requirements. The Northeast Energy Efficiency Partnerships (NEEP) product listing identifies products best suited to electrify heating in cold climates.



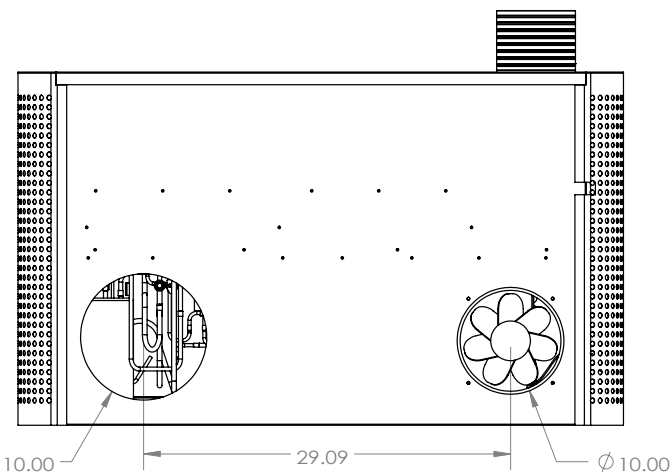
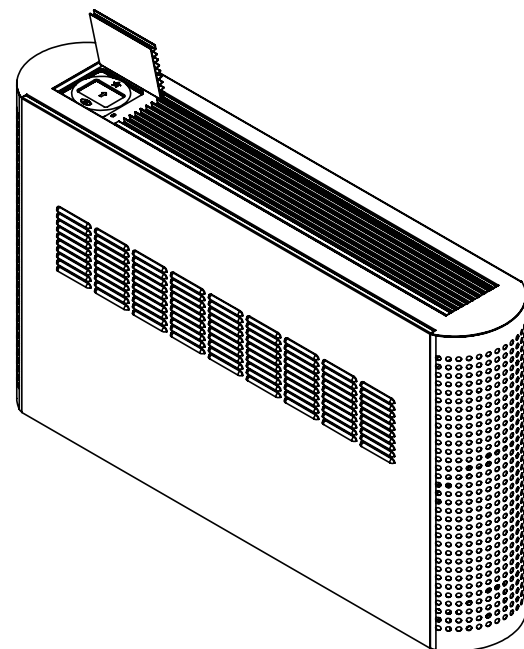
The RSXC-S Series produce superior energy savings, which is especially important to satisfy the NYC Law 97 and other laws throughout the U.S., as well as helping projects comply with green building rating systems such as LEED®.



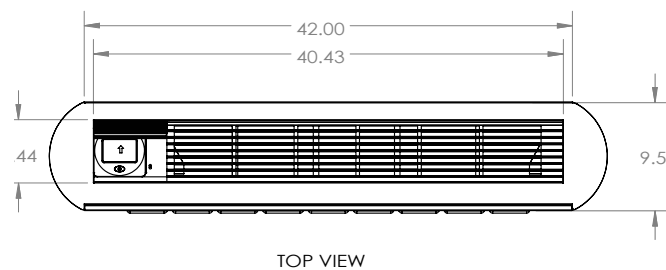
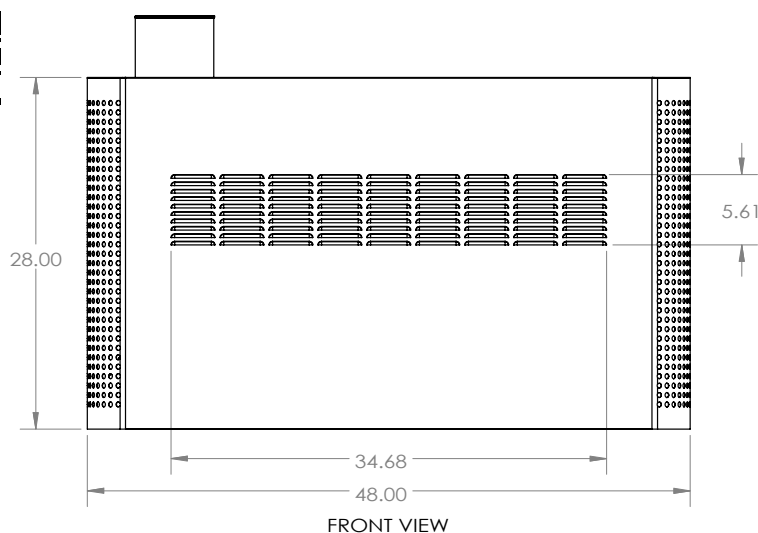
Rebates, incentives, and tax credits may be available through state, federal, and local utility programs.



For additional information scan the code or visit: [www.ice-air.com/rebates/](http://www.ice-air.com/rebates/)



Ice Air's compact RSXC-S units utilize two 10-inch round wall openings to absorb and reject heat from the environment.



TOP VIEW

FRONT VIEW

Due to Ice Air's ongoing product development programs, the information in this document is subject to change without notice.

SERIES MODEL #	RSXC09-S
Cooling Capacity (Btu/h) <sup>1</sup>	7,500
Cooling Capacity Range (Btu/h)	6,300 - 11,800
EER <sup>1</sup>	11.0
Heating Capacity (Btu/h) <sup>2</sup>	7,500
Heating Capacity Range (Btu/h)	5,200 - 12,600
COP <sup>2</sup>	3.5
Voltage	115 208
Current in Cooling Operation (Amps)	5.9 3.3
Power in Cooling Operation (Watts)	682
Current in Heating Operation (Amps)	5.5 3.0
Power in Heating Operation (Watts)	682
MCA (without Electric Heat)	10.6 5.9
MOCP (without Electric Heat)	15 15
Evaporator Motor Nominal HP	1/25 1/25
Airflow (CFM)	380
LOW AMBIENT PERFORMANCE	
Heating Capacity @ 10°F	6,100
COP @ 10°F	2.00
Heating Capacity @ 5°F	5,600
COP @ 5°F	1.75

### SPECIFICATION NOTES:

- Rated performances in cooling mode @ 80°F/67°F DB/WB Indoors and 95°F/75°F DB/WB Ambient
- Rated performances in heating mode @ 70°F/60°F DB/WB Indoors and 47°F/43°F DB/WB Ambient

\* Smart app module must be purchased separately.

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RSXC-S Series use advanced VRF technology to ensure the unit is pinpointing the exact amount of heating or cooling required for desired room conditions. The use of enhanced vapor injection (EVI) compressors allow Ice Air's cold climate heat pumps to operate to extreme low temperatures.

**Eco-friendly:** Operating in heat pump mode during the winter months without the need for electric heat, reducing emissions and energy consumption.

**On-demand Operation:** Variable speed compressors modulate output based on room demand.

**Compact Design:** Sleek, modern footprint blends seamlessly with any décor. Slim 9½ inch depth for aesthetic appeal.

**Furniture-Grade Finish:** Chassis is concealed by a steel enclosure with a beautiful baked powder coat finish.

**Enhanced Control Options:** Each RSXC-S unit comes standard with Habitat Wireless Thermostat with smart control capabilities.\*

Features:

- R410A “green” refrigerant
- Highest levels of energy efficiency in the market
- Low noise transmission
- Slim, sleek design





## Electrified Product Family



\* By making energy-saving upgrades today, you can give your building a head start on upcoming changes to city regulations such as NYC Law 97.

### RSXC Series\*

Cold Climate PTHPs give you the performance of a VRF system with the convenience of a PTAC. Using breakthrough cold climate technology allows Ice Air PTHPs to efficiently provide space heating down to -5°F and below.



### RSXC-S Series\*

Ice Air's RSXC-S Series Cold Climate heat pumps offer a slim, sleek design and efficiently provide space heating to -5°F and below.



### RSXC-DH Series\*

RSXC-DH air source heat pumps are compact, with advanced, two-stage dual heating capabilities (partial cold climate operation down to 23°F then supplemental electric heat resistance for increased output).



### SPXC Series\*

Cold Climate SPHPs are self-contained, concealed, ducted systems. This line of vertical packaged heat pumps serves multiple spaces through concealed ductwork to efficiently provide space heating to -5°F and below.



### HPWH Series\*

Air-Source Cold Climate Heat Pump Water Heaters capture the free energy in the environment and convert it to hot water. These units are certified to operate down to -13°F.



### HPWH-SC Series\*

Air-Source Cold Climate heat pump chiller heaters capture free energy in the environment to provide both hot and chilled water. These units are certified to operate down to -13°F.



### VSHPGE Geothermal\*

Ice Air's Geothermal WSHP is a versatile geothermal heat pump that is available in a range of sizes and configurations for convenient installation. Fully compatible with geothermal conditions, it provides an ideal solution for whisper quiet cooling and heating within a tight footprint.



## ICE AIR VRF

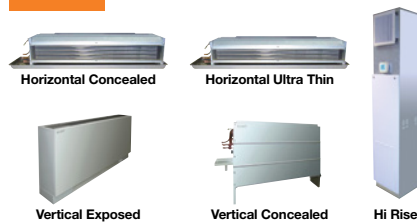
New technologies like Variable Refrigerant Flow (VRF) are on the move. There is no denying the benefits of VRF any longer, and with Ice Air VRF, these benefits are delivered simply and effectively.



## Other Products

### FCU

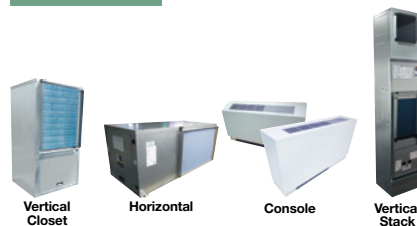
#### Fan Coil Units



This simple and easy cooling and heating solution provides reliable performance, high efficiency, ease of operation, low cost, easy installation, quiet comfort and a variety of solution-based options.

### HWAC

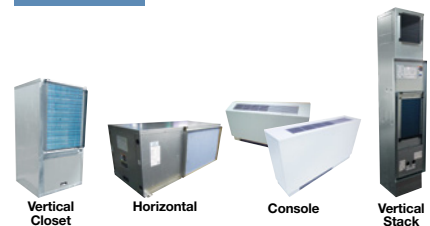
#### Hybrid Water-Cooled Air Conditioners



HWACs provide hydronic heat without using the unit's compressor through an innovative system that combines high-efficiency cooling with a hot water coil.

### WSHP

#### Water Source Heat Pumps



WSHPs provide efficient room-by-room comfort. Units function independently and are piped to a central water loop.

### PTAC

#### Packaged Terminal Air Conditioners

PTACs are designed for ultra-high efficiency and comply with LEED® criteria in a durable, user-friendly package. Available for new construction, retrofit and ExactFit™ replacement applications.



## NEW! Ice Air CEU Webinar

Learn more about the role HVAC electrification plays in building decarbonization today at [www.iceairceu.com](http://www.iceairceu.com).



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