



RSXC Series

Cold Climate Packaged Terminal Heat Pumps



PTHP

RSXC Series

Heat Pumps are Ready for the Cold

Ice Air RSXC Series Cold Climate PTHPs are efficient, sustainable, heat pumps designed for cold climate energy efficiency. Ice Air provides the best of both worlds – giving you the performance of a Variable Refrigerant Flow (VRF) system with the convenience of a PTAC.



Ice Air's RSXC models are AHRI certified. RSXC models include a variable speed compressor for optimal comfort. Heating performance is lab tested and certified down to -5°F, with a theoretical lower limit of -25°F for heating.



The RSXC 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 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/



Ice Air RSXC units fit in a standard size wall sleeve (42-inches wide x 16-inches high) and use a sustainable R-410a refrigerant.

SPECIFICATION NOTES:

1. Rated performances in cooling mode @ 80°F/67°F DB/WB Indoors and 95°F/75°F DB/WB Ambient
2. Rated performances in heating mode @ 70°F/60°F DB/WB Indoors and 47°F/43°F DB/WB Ambient
3. Optional backup electric heat.

RSXC 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 PTHP units 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.

Fresh Air: Outside air options are available for room conditioning.

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

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

Features:

- R410A “green” refrigerant
- Highest levels of energy efficiency in the market
- Industry best sound levels
- Heating performance laboratory tested and certified to -5°F
- The theoretical lower limit for heating operation is -25°F ambient
- Fits within a standard size wall sleeve (42” W x 16”)

SERIES MODEL #	RSXC09	RSXC13	RSXC18
Cooling Capacity (Btu/h) ¹	9,200	12,500	16,300
Cooling Capacity Range (Btu/h)	6,300 - 11,800	6,500 - 14,900	7,300 - 18,000
EER ¹	12.1	11.1	10.0
Cooling Input (Watts)	760	1,126	1,630
Cooling Input (Amps)	3.7	5.4	7.8
Airflow (CFM)	380	400	480
Outside Air (CFM)	60	60	60
Heating Capacity (Btu/h) ²	10,200	12,000	17,300
Heating Capacity Range (Btu/h)	5,200 - 12,600	5,600 - 14,200	9,500 - 18,700
COP ²	3.6	3.1	3.0
HSPF ²	9.6	9.5	9.0
Heating Input (Watts)	830	1,134	1,690
Heating Input (Amps)	4.0	5.5	8.1
Voltage	208	208	208
MCA	5.9	8.5	10.4
MOP	15	15	15
Weights (lbs.)	127	134	151
LOW AMBIENT PERFORMANCE			
Heating Capacity @ 10°F	6,600	7,700	11,600
COP @ 10°F	2.2	2.14	2.02
Heating Capacity @ 5°F	6,100	6,900	10,600
COP @ 5°F	1.98	1.91	1.93
Heating Capacity @ -5°F	5,500	6,400	8,100
COP @ -5°F	1.74	1.62	1.6

* Smart app module must be purchased separately.

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.



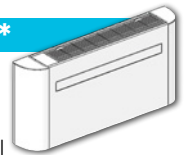
RSXC-S Series*

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.



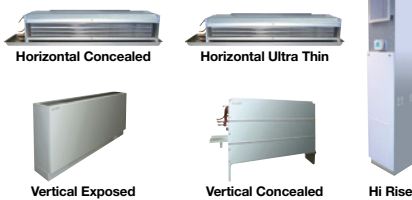
New technologies like Variable Refrigerant Flow (VRF) are on the move. There is no denying the benefits of VRF any longer, and with Ice Air VRF, these benefits are delivered simply and effectively.



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.



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