



Ice Air Electric Units

RSXC

iCool XC

SPXC

HPWH

HPWH-SC

VSHPGE Geothermal

**Leading the charge with
All Electric All Climate Comfort™
Technology**

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At Ice Air, your success isn't a milestone. It's our mission.

We aim to exceed building and business owner expectations with innovative HVAC solutions. Advanced heat pump technology built and engineered by Ice Air will transform your new construction or renovation into streamlined success. It's not about the sale. It's about excellence, value and the people you'll trust 10 years later, and beyond.

Ordinary manufacturers just ship equipment. We are integral to the design, customization and on-site quality control of your project. Regulatory penalties, fines and mandates are real. But so is the ROI when your building is future-proofed with Ice Air. We navigate code requirements, and respect architectural integrity.

The future is profitable, sustainable and ready to install now.



Decarbonization regulations and electrification doesn't have to be a burden. Ice Air's all-electric All Climate Comfort™ heat pump technology delivers up to 25% greater efficiency and lower operating costs. We offer solutions for every type of building, climate, and energy source, including advanced geothermal options.

We share our experience and knowledge to mitigate regulations, unlock incentives, tax credits and business opportunities.

Numerous states around the U.S. – including California, New York, Washington DC, and others – have adopted regulatory policies aimed at reducing greenhouse gas emissions. Such regulations stress the role of electrification in decarbonizing the built environment and have wide-ranging implications for utilities, building engineers and architects, OEMs and building owners.

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★ AMERICA'S ★
Heat Pump Company™

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



RSXC Series

Heat Pump Performance Redefined With All Electric, All Climate Comfort.

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: ice-air.com/rebates/



Ice Air RSXC units fit in a standard size wall sleeve (42" wide x 16" high) and use a sustainable R32 refrigerant.

SPECIFICATION NOTES:

1. Cooling mode performance ratings are in compliance with AHRI Standard 310/380 and CSA Standard 744.
2. Heating mode performance ratings are in compliance with AHRI Standard 310/380 and CSA Standard 744.
3. (OPTIONAL) If back-up electric heat is required, customer has choice of manual trigger switch OR automatic changeover at -5°F (±3°F) with manual switch override.
4. Units without electric heat will operate below -5°F with derated performance. Performance below -5°F has not been certified.
5. Electric heat is recommended in markets that may experience ambient temperatures below -5°F
6. Performance data based on R32 green refrigerant.

IMPORTANT:

Additional voltages and alternate electric heat and heat pump options are available. For performance data and other available options please consult factory.

* Smart app module must be purchased separately.

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

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.

Steel, not plastic, for a lasting impression: Chassis is concealed by a steel enclosure with a beautiful Designer-Grade baked powder coat finish.

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

Features:

- Sustainable R32 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" H)

SERIES MODEL #	8RSXC09	8RSXC13	8RSXC18
Cooling Capacity ¹ (BTU/h)	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
Heating Capacity ² (BTU/h)	10,300	13,700	17,900
Heating Capacity Range (BTU/h)	8,700 - 12,600	9,000 - 14,700	10,900 - 19,300
COP ²	4.1	3.7	3.0
HSPF ²	9.6	9.5	9.0
Voltage	208	208	208
Electric Heater Power ³ (kW)	3.0 3.5	3.0 3.5 4.3	3.0 3.5 4.3
Electric Heater Current ³ (A)	14.4 16.8	14.4 16.8 20.7	14.4 16.8 20.7
Cooling Mode Current (A)	3.7	5.4	7.8
Cooling Mode Power (W)	760	1,126	1,630
Heating Mode Current (A)	3.5	5.2	8.4
Heating Mode Power (W)	737	1,086	1,750
MCA (without Electric Heat)	7.9	9.9	12.9
MOCP (without Electric Heat)	15	15	15
MCA (with Electric Heat)	18.4 21.5	18.4 21.5 26.4	18.4 21.5 26.4
MOCP (with Electric Heat)	20 25	20 25 30	20 25 30
Evaporator Motor Nominal HP	1/25	1/25	1/25
Airflow (CFM)	380	400	480
Airflow Outside (CFM)	60	60	60
Weights (lbs)	127	134	151
Low Ambient Performance			
Heating Capacity @ 10°F	6,600	7,700	11,600
COP @ 10°F	2.20	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	1.60



Performance redefined, with up to 25% greater efficiency. The iCool XC™ doesn't just cool or heat. This is **All Electric, All Climate Comfort™ with Zero Emissions.** Engineered with advanced heat pump and inverter technology, it's designed to provide durable value over any competitor in its class.



The iCool XC 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.

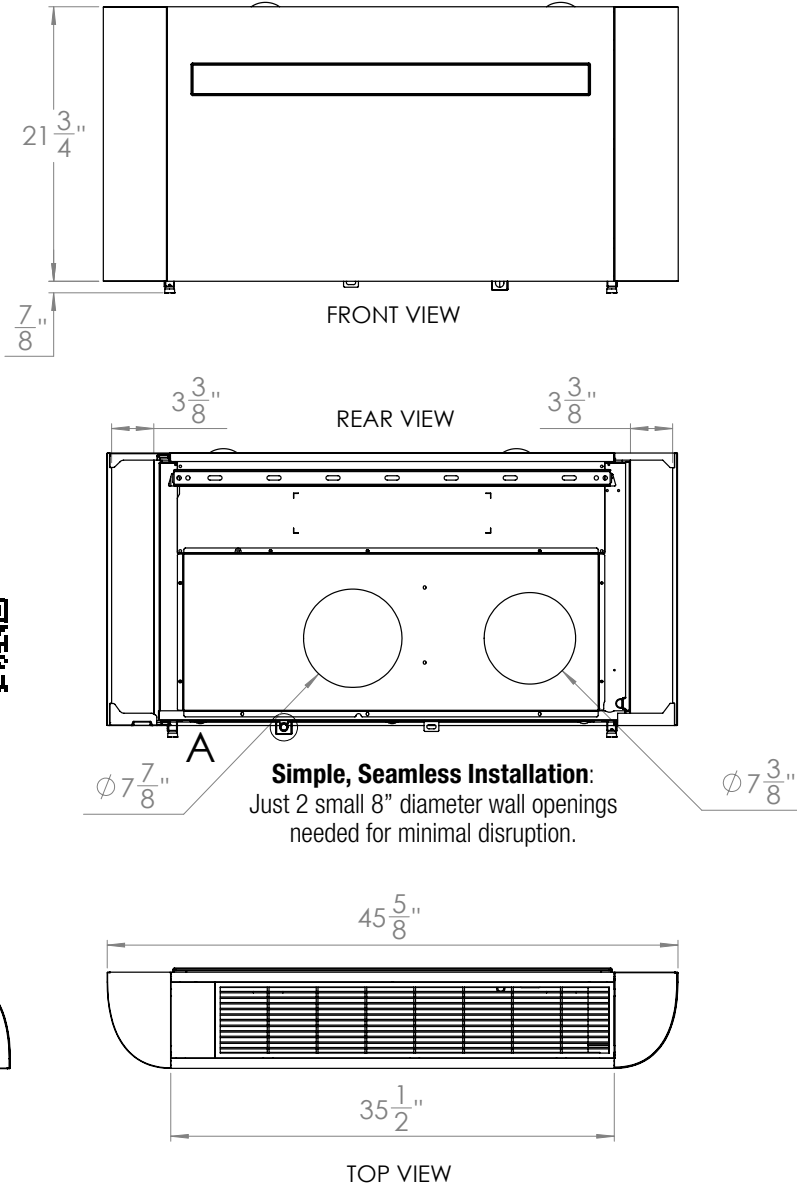


The iCool XC Series produce superior energy savings, which is especially important to satisfy the NYC Law 97 and other laws throughout the U.S., as well as helping projects comply with green building rating systems such as LEED®.



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

For additional information scan the code or visit: ice-air.com/rebates/



SERIES MODEL #	8RSXC09-DH	
Cooling Capacity ² (BTU/h)	7,700	
Cooling Capacity Range (BTU/h)	3,000 - 15,000	
SEER ²	16.4	
Heating Capacity ² (BTU/h)	7,600	
Heating Capacity Range (BTU/h)	3,000 - 16,000	
HSPF ^{2 3}	8.2	
Electric Heater (W)	N/A	1,000
Electric Heater (A)	N/A	4.8
Voltage	115	208
Current in Cooling Operation (A)	6.1	3.4
Power in Cooling Operation (W)	703	
Current in Heating Operation (A)	5.8	3.2
Power in Heating Operation (W)	670	
MCA	16	14.6
MOCP	20	15
Airflow (CFM)	310	
Outside Air ¹ (CFM) (Optional)	40	
Weight (Lbs)	84	
LOW AMBIENT PERFORMANCE		
Heating Capacity @ 22°F	6,600	6,600 + 3,400 Electric Heat
COP @ 22°F	2.44	2.44
Heating Capacity @ 13°F	6,100	6,100 + 3,400 Electric Heat
COP @ 13°F	2.00	2.00
Heating Capacity @ 5°F	5,600	5,600 + 3,400 Electric Heat
COP @ 5°F	1.79	1.79
Heating Capacity @ 0°F	5,300	5,300 + 3,400 Electric Heat
COP @ 0°F	1.56	1.56

SPECIFICATION NOTES:
 1. Performance data according to CAC AHRI 210/240 standard.
 2. Rated performances in cooling mode @ 80°F/67°F DB/WB Indoors and 95°F/75°F DB/WB Ambient
 3. Rated performances in heating mode @ 70°F/60°F DB/WB Indoors and 47°F/43°F DB/WB Ambient
 4. Performance data based on R32 green refrigerant.
 5. Electric Heater to run with heat pump when temperature falls below 23°F.
 6. Specify Style A or Style B when ordering.

* Smart app module must be purchased separately.

Compact, Sleek, and Unstoppable: At just 45.63" W x 7.75"D x 21.75"W, the compact size and sleek design of the iCool XC™ delivers optimal comfort, and it meets a wide range of construction, climate and design requirements. The iCool XC™ blends with any interior style or decor.

All Electric, All Climate Comfort™ with Zero Emissions

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

Compact Design: Sleek, modern footprint blends seamlessly with any décor. Slim 7.75 inch depth.

Steel, not plastic, for a lasting impression: Chassis is concealed by a steel enclosure with a beautiful designer grade baked powder coat finish.

Enhanced Control Options: 4 function: Heat, Cool, Dehumidify and Fan comes standard with Habitat Wireless Thermostat with smart control capabilities.*

Features:

- Sustainable R32 refrigerant
- Industry leading up to 25% greater efficiency
- Low noise operation with whisper quiet sound proofing
- Conceals plug and power cord within unit
- Just two 8 inch round wall openings needed for easy installation
- Wireless app control and 24-hour timer



SPXC Series

All Climate Comfort beats the cold

A perception persists that heat pumps can't hold up in extreme cold climates such as an Upper Midwest or New England winter. With the introduction of Ice Air's breakthrough cold climate technology, our line of SPXCs would allow for efficient heat pump operation on the coldest days.

Ice Air SPXC Series Cold Climate Single Packaged Heat Pumps (SPHPs) are efficient, sustainable, heat pumps designed for cold climate. Ice Air provides **the best of both worlds** – giving you the performance of a Variable Refrigerant Flow (VRF) system with the convenience of a packaged heat pump, while providing the benefits of a ducted system. SPHPs can be hidden in a closet or behind a wall and serve multiple spaces via concealed ductwork.

SPXC 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 SPXC 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 SPXC 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/



With Ice Air technology, cost-effective electrification for residential new build is up to 25% more efficient.

SPECIFICATION NOTES:

- Performance data according to CAC/HP AHRI 210/240 standard.
- 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
- If the electric heat option is selected, the heat pump operation is disabled and electric heat enabled below -5°F (+/- 3°F)
- Units without electric heat will operate below -5°F with derated performance. Performance below -5°F has not been certified.
- Performance data based on R32

* Smart app module must be purchased separately.

SPXC 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 SPXC units to operate to extreme low temperatures.

Eco-friendly: The system operates in heat pump mode during winter without electric heat, reducing emissions and energy use.

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

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

Space-saving Design: Unit concealed in mechanical closet saving valuable floor space.

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

Features:

- Sustainable R32 refrigerant
- Highest levels of energy efficiency in the market
- Supply air can be ducted for conditioning multiple rooms
- Heating performance laboratory tested and certified to -5°F
- The theoretical lower limit for heating operation is -25°F ambient
- Fully packaged chassis for self-contained conditioning

SERIES MODEL #	8SPXC12	8SPXC18	8SPXC24
Cooling Capacity ² (BTU/h)	12,900	18,100	28,400
Sensible Capacity ² (BTU/h)	10,000	15,000	21,900
Cooling Capacity Range (BTU/h)	8,900 - 14,500	12,400 - 20,300	18,900 - 32,600
EER ²	11.1	10.7	10.5
SEER ²	14.7	13.8	14.0
Cooling Operating Range	38°F TO 115°F		
Cooling Mode Power (Watts)	1,162	1,692	2,705
Cooling Mode Current (A)	5.6	8.1	13.0
Heating Capacity ³ (BTU/h)	11,800	16,500	23,100
Heating Capacity Range (BTU/h)	8,100 - 13,300	11,700 - 18,200	16,400 - 25,400
COP ²	3.5	3.5	3.2
HSPF ²	7.6	7.4	7.4
Heating Outdoor Operating Range	-5°F TO 70°F		
Heating Mode Power (Watts)	988	1,382	2,116
Heating Mode Current (A)	4.8	6.6	10.2
Voltage	208	208	208
Total Unit FLA (without Electric Heat)	9.8	13.7	22.2
MCA (without Electric Heat)	11.5	16.0	26.2
MOP (without Electric Heat)	15	25	40
Electric Heat ⁴ (kW)	3.5 5	5 7.5	5 7.5
Electric Heat (A)	16.8 24	24 36.1	24 36.1
Total Unit FLA (with Electric Heat)	18.8 26	26 38.1	27.6 39.7
MCA (with Electric Heat)	23 32	32 47.1	33.6 48.7
MOP (with Electric Heat)	25 35	35 50	40 50
Airflow (CFM)	450	720	1,000
Max External Static Pressure - ESP (in.wg.)	0.3	0.3	0.3
Weights (lbs)	220	280	360

LOW AMBIENT PERFORMANCE

Heating Capacity @ 10°F	8,500	13,000	19,800
COP @ 10°F	1.85	1.95	1.9
Heating Capacity @ 5°F	7,700	12,300	19,400
COP @ 5°F	1.7	1.85	1.85
Heating Capacity @ -5°F	6,100	10,900	18,400
COP @ -5°F	1.4	1.7	1.75

HPWH Series

Cold weather, your water heater, and lower operating costs.

There's a better way to provide domestic hot water, and that's via cold climate heat pump water heaters (HPWH). This technology offers an energy-efficient means of heating water without the use of fossil fuels.

Ice Air's engineering enables HPWH units to operate at very high coefficients of performance in hot temperatures. Even in extreme cold, HPWH units provide a higher efficiency than natural gas boilers and electric resistance tanks.



The HPWH 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 HPWH 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's HPWH Series are tested to -13°F providing hot water even when it is extremely cold outside.



Ice Air HPWH Series Cold Climate Heat Pump Water Heaters are designed to provide domestic hot water to large buildings on the coldest days – allowing domestic hot water generation with zero emissions.

- **Defining Cold Climate**
- **Industry leading performance**
- **Lower cost of operation and maintenance compared to condensing gas-fired water heaters**
- **4x more efficient compared to electric resistance heaters**
- **Multiple independent circuits provide built-in redundancy**
- **Double wall heat exchangers ensure occupant safety**
- **Optional single wall heat exchangers (for glycol applications)**
- **Freeze protection standard**
- **Optional heat-trace powered by building emergency power**
- **Clean out ports to remove sediment or lime deposits**

SERIES MODEL #	ccHPWH275-D	ccHPWH550-D	ccHPWH275-S	ccHPWH550-S		
Input Power	208-230V/3Ph/60Hz	208-230V/3Ph/60Hz	208-230V/3Ph/60Hz	208-230V/3Ph/60Hz		
Refrigerant Circuits	2	4	2	4		
Refrigerant / Quantity	R454b (30.8 Lbs / 15.4 Lbs per circuit)	R454b (61.7 Lbs / 15.4 Lbs per circuit)	R454b (30.8 Lbs / 15.4 Lbs per circuit)	R454b (61.7 Lbs / 15.4 Lbs per circuit)		
Max H/W Temperature	140°F	140°F	140°F	140°F		
Performance Specifications	Dry Bulb Temperature (68°F)	336,400	672,800	341,700	683,500	
	Wet Bulb Temperature (59°F)					
	Inlet Water Temperature (59°F)	22.9	45.9	22.3	44.5	
	Outlet Water Temperature (140°F)					
	COP	4.3	4.3	4.5	4.5	
	Dry Bulb Temperature (45°F)	Heating Capacity (BTU/h)	271,700	543,400	275,900	552,000
		Input Power (kW)	23.4	46.8	22.8	45.3
		COP	3.4	3.4	3.55	3.57
	Dry Bulb Temperature (10°F)	Heating Capacity (BTU/h)	176,100	352,100	178,800	357,700
		Input Power (kW)	24.0	48.0	23.3	46.4
		COP	2.15	2.15	2.25	2.25
	FLA (A)	105.3	210.7	105.3	210.7	
MCA (A)	125.9	251.8	125.9	251.8		
MOCP (A)	150	300	150	300		
Sound Level (dBA)	≤73	≤75	≤73	≤75		
Water Data	Condenser Type	Double Wall BPX	Double Wall BPX	Single Wall BPX	Single Wall BPX	
	Water Side Pressure Loss (PSIG)	24.3	24.5	24.3	24.5	
	Rated Water Flow (GPM) (DB/WB:45°F/43°F, Inlet/outlet: 104°F/113°F)	78.3	145.2	78.3	145.2	
	Single pass delta-T (F) (OA_temp=68°F, LWT=131°F)	11.10	11.10	11.20	11.20	
	Piping Position	Rear	Rear	Rear	Rear	
	Piping Sizes	2" (DN50)	3" (DN80)	2" (DN50)	3" (DN80)	
Minimum Ambient Operating Temperature (°F)	-13	-13	-13	-13		
Overall Dimensions [L x W x H] (inches)	81 x 39 x 89	95 x 51 x 89	81 x 39 x 89	95 x 51 x 89		
Net Weight (Lbs)	1,555	2,950	1,555	2,950		

HPWH-SC Series

Technology for Energy Savings and Sustainable Future

New advances in heat pump chiller/heater technology allow air-source equipment to extract the environment's energy down to very low ambient temperatures. By capturing energy in the environment and converting it to hot water using the refrigeration cycle, the Ice Air HPWH-SC Series provides a renewable, all-electric option that requires minimal energy consumption.

Ice Air's proven engineering enables the HPWH-SC Series units to operate at temperatures as low as -13°F, providing code compliant supply temperatures even when outside temperatures drop. The combination of efficiency and low energy consumption makes the HPWH-SC Series a valuable addition to high-rise buildings in cold weather climates.



The HPWH-SC 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 HPWH-SC 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's HPWH-SC Series are tested to -13°F providing hot water even when it is extremely cold outside.

Ice Air's heat pump water chiller/heaters convert free energy from the environment into hot water. These units are designed to provide hot water to large commercial buildings, even on cold days (-13°F).

- **Industry leading performance:**
 - **Lower operating/maintenance costs compared to condensing gas-fired water heaters**
 - **4x more efficient than electric resistance heaters**
- **Multiple independent circuits provide built-in redundancy**
- **Built-in heat exchangers**
- **Freeze protection standard**
- **Optional heat-trace powered by building emergency power**
- **Clean out ports to remove sediment or lime deposits**



SERIES MODEL #		ccHPWH275-S	ccHPWH550-S
Input Power		208-230V/3Ph/60Hz	208-230V/3Ph/60Hz
Refrigerant Circuits		2	4
Refrigerant / Quantity		R454b (30.8 Lbs / 15.4 Lbs per circuit)	R454b (61.7 Lbs / 15.4 Lbs per circuit)
Max H/W Temperature		140°F	140°F
Performance Specifications	Dry Bulb Temperature (95°F)	Heating Capacity (BTU/h)	224,100
	Inlet Water Temperature (55°F)	Input Power (kW)	17.9
	Outlet Water Temperature (45°F)	COP	3.63
	Dry Bulb Temperature (45°F)	Heating Capacity (BTU/h)	280,100
	Wet Bulb Temperature (43°F)	Input Power (kW)	21.3
	Inlet Water Temperature (105°F)	COP	3.84
Outlet Water Temperature (115°F)		3.76	
FLA (A)		119.4	238
MCA (A)		133.3	251.9
MOCP (A)		175	300
Sound Level (dBA)		≤71	≤76
Condenser Type		Single Wall Brazed Plate HXR	Single Wall Brazed Plate HXR
Water Data	Water Side Pressure Loss (PSIG)	8.1	7.25
	Rated Water Flow (GPM) (DB/WB:45°F/43°F, Inlet/outlet: 104°F/113°F)	73.4	129.6
	Max Working Pressure (PSIG)	230	230
	Piping Position	Rear	Rear
	Piping Sizes	2" (DN50)	3" (DN80)
Minimum Ambient Operating Temperature (°F)		-13	-13
Overall Dimensions [L x W x H] (inches)		81 x 39 x 89	95 x 51 x 89
Net Weight (Lbs)		1,500	2,850

VSHPGE Series

Go Geothermal. Let Mother Nature Do The Heavy Lifting™

Geothermal heating and cooling systems are one of the most environmentally-friendly ways to heat and cool your building. They don't produce any carbon dioxide or any other greenhouse gases that contribute both to your increased carbon footprint and air pollution.

Ice Air's VSHPGE Vertical Stack Geothermal WSHPs have a low electricity demand, which in the course of a year could result in meaningful savings. The VSHPGE is a versatile geothermal heat pump available in a range of sizes and configurations for convenient installation. Fully compatible with geothermal conditions, Ice Air's Vertical Stack Geothermal WSHP offer high efficiencies — up to 21 EER in cooling on select models — and provide an ideal solution for whisper quiet cooling and heating within a tight footprint.



Ice Air's VSHPGE units are AHRI certified, meet all UL standards and conform to ASHRAE 90.1, local building codes and energy standards. Ice Air's AHRI Performance Certified VSHPGE models meet AHRI tier 1 efficiencies.



The VSHPGE 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 VSHPGE 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®.



Meets Energy Star Tier 1 efficiency ratings and qualifies for the Inflation Reduction Act (IRA) tax credit. Other 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/



Because the system works with the relative temperature of the earth instead of the variable temperatures above ground, geothermal heating and cooling systems use 40-60% less energy than conventional systems. In addition to offering energy cost savings, Ice Air geothermal systems provide many other benefits, such as:

Eco-friendly: The system uses ground heat, which is renewable and pollution-free.

Quieter operation: Designed to provide quiet operation.

Improved air quality: Geothermal systems offer fewer threats to indoor air quality – a benefit for everyone, especially those with asthma or allergies.

Longevity: A geothermal system can run for decades.

Features:

- Sustainable R32 refrigerant
- Highest efficiency in market
- 17.1+ EER
- 3.6+ COP
- Advanced controls on every unit
- Industry best sound levels

SERIES MODEL #	8VSHPGE06-VRF	8VSHPGE12-VRF	8VSHPGE18-VRF	8VSHPGE24-VRF
Cooling Capacity (BTU/h)	8,800	15,200	18,200	24,000
Cooling Capacity Range (BTU/h)	7,200 - 10,700	11,000 - 17,300	16,900 - 26,400	23,600 - 36,500
Sensible Capacity (BTU/h)	6,900	11,700	15,100	19,700
Cooling EER	19.4	21.0	20.0	21.9
Heating Capacity (BTU/h)	5,900	9,400	13,800	18,700
Heating Capacity Range (BTU/h)	5,400 - 9,400	7,800 - 14,000	11,900 - 23,500	16,800 - 28,000
Heating COP	3.6	3.64	3.6	3.63
Flow Rate (GPM)	1.5	3.0	4.5	6.0
Airflow (CFM)	320	480	670	850

SPECIFICATION NOTES:

1. Cooling capacity BTUH rated @ 80.6°F DB, 66.2°F WB EAT; 77°F EWT @ 3 GPM/TON
2. Heating capacity BTUH rated @ 68°F DB, 59°F WB EAT; 32°F EWT @ 3 GPM/TON

Ice Air's full Water Source Heat Pump line includes Console WSHPs, Horizontal WSHPs, Vertical Closet WSHPs & Vertical Stack WSHPs.

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.



iCool XC*

iCool XC 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.

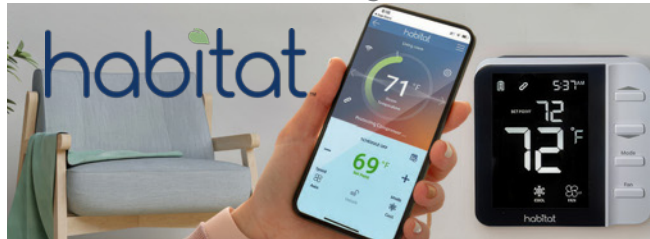


VSHPGE Geothermal*

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.



Habitat Smart Technologies



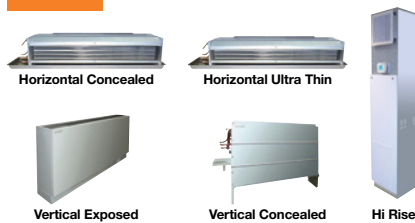
The **Habitat Thermostat's** unique wireless mesh technology allows smart temperature control over the space it is monitoring. Transform a Fan Coil Unit into a state-of-the-art heating and cooling unit without opening walls to run wires.

Compatible with **Nexus Home Automation Products** **nexus** Equipment Management System™

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.

HWCAC

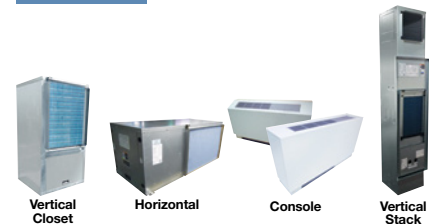
Hybrid Water-Cooled Air Conditioners



HWCACs 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 iceairceu.com



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