

Cold Climate Vertical Heat Pump

VSXC Series

The VSXC Series represents Ice Air's next generation of cold climate vertical heat pumps, engineered to provide efficient year-round comfort in multifamily, hospitality, student housing, senior living, and light commercial applications. Combining advanced inverter-driven heat pump technology with a compact vertical design, the VSXC delivers reliable heating and cooling performance while preserving the benefits of concealed ducted systems.

Defining Cold Climate

- Heating performance laboratory tested and certified to -5°F
- The theoretical lower limit for heating operation is -25°F ambient
- Provides cooling operation down to 38°F

What You Would Expect

- Industry-leading cold climate heat pump performance
- Sustainable R32 refrigerant
- Variable-speed inverter compressor technology

- Independent EC indoor and outdoor fan motors
- Optional electric resistance heat backup
- Factory-assembled and factory-tested refrigeration system



SERIES MODEL #	8VSXC12
Cooling Capacity ² (BTU/h)	11,400
Sensible Capacity ² (BTU/h)	9,100
Cooling Capacity Range (BTU/h)	4,700 - 16,000
SEER ² ¹	13.4
Heating Capacity ³ (BTU/h)	11,100
Heating Capacity Range ³ (BTU/h)	4,400 - 17,300
HSPF ¹	7.7
Voltage	208
Cooling Mode Power (Watts)	1,056
Cooling Mode Current (A)	5.1
Heating Mode Power (Watts)	806
Heating Mode Current (A)	3.9
Electric Heat (kW) (Optional)	1.0
Heating Mode Power + 1.0kW Electric Heat (Watts)	1,806
Heating Mode Current + 1.0kW Electric Heat (A)	8.7
MCA (with 1.0kW Electric Heat)	17.3
MOP (with 1.0kW Electric Heat)	20
MCA (without Electric Heat)	11.3
MOP (without Electric Heat)	15
Airflow (CFM)	520
LOW AMBIENT PERFORMANCE	
Heating Capacity @ 10°F	10,600 + 3,400 Electric Heat
COP @ 10°F	2.5
Heating Capacity @ 5°F	9,800 + 3,400 Electric Heat
COP @ 5°F	2.35
Heating Capacity @ -5°F	8,100 + 3,400 Electric Heat
COP @ -5°F	2.0

SPECIFICATION NOTES:

1. Performance data according to CAC/HP 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. Unit without electric heat will operate below -5°F with derated performance. Performance below -5°F has not been certified.
5. For use as a complete assembly only. For replacement unit applications, consult Manufacturer.