

Packaged Terminal Air Conditioner for Replacement

# RSXC Series

Ice Air's breakthrough cold climate technology is a paradigm shift. It allows Packaged Terminal Heat Pumps (PTHPs) to efficiently provide space heating down to -5°F and below. And our advanced Variable Refrigerant Flow (VRF) technology ensures that your unit is pinpointing the exact amount of heating or cooling required for the desired room conditions. Efficient, sustainable, heat pumps designed for cold climates are finally a reality.

### 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 efficiency
- Sustainable R32 Green Refrigerant
- Fits within a standard size wall sleeve (42" W x 16")



SERIES MODEL #	8RSXC09	8RSXC13	8RSXC18
Cooling Capacity <sup>1</sup> (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 <sup>1</sup>	12.1	11.1	10.0
Heating Capacity <sup>2</sup> (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 <sup>2</sup>	4.1	3.7	3.0
HSPF <sup>2</sup>	9.6	9.5	9.0
Voltage	208	208	208
Electric Heater Power <sup>3</sup> (kW)	3.0   3.5	3.0   3.5   4.3	3.0   3.5   4.3
Electric Heater Current <sup>3</sup> (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

### 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.