

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 R-410a Refrigerant
- Fits within a standard size wall sleeve (42" W x 16")

Series Model #	RSXC09		RSXC13		RSXC18
Cooling Capacity (Btu/hr)¹	9,200		12,500		16,300
Sensible Capacity (Btu/hr)¹	7,200		8,800		11,200
Cooling Capacity Range (Btu/hr)	6,300 - 11,800		6,500 - 14,900		7,300 - 18,000
EER¹	12.1		11.1		10.0
Heating Capacity (Btu/hr)²	10,200		12,000		17,300
Heating Capacity Range (Btu/hr)	5,200 - 12,600		5,600 - 14,200		9,500 - 18,700
COP²	3.6		3.1		3.0
HSPF²	9.6		9.5		9.0
Voltage	115	208	115	208	208
Electric Heater (kW)³	1.5	3.0 3.5	1.5	3.0 3.5 4.3	3.0 3.5 4.3
Electric Heater (A)³	13	14.4 16.8	13	14.4 16.8 20.7	14.4 16.8 20.7
Current in Cooling Operation (Amps)	6.6	3.7	9.8	5.4	7.8
Power in Cooling Operation (Watts)	760		1,126		1,630
Current in Heating Operation (Amps)	7.2	4.0	9.9	5.5	8.1
Power in Heating Operation (Watts)	830		1,134		1,690
MCA (without Electric Heat)	11.7	5.9	12.6	8.5	10.4
MOCP (without Electric Heat)	20	15	20	15	15
MCA (with Electric Heat)	17.0	18.4 21.5	17.0	18.4 21.5 26.4	18.4 21.5 26.4
MOCP (with Electric Heat)	20	20 25	20	20 25 30	20 25 30
Evaporator Motor Nominal HP	1/25	1/25	1/25	1/25	1/25
Airflow (CFM)	380		400		480
Outside Air (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	2.2		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



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. If the electric heat option is selected, the heat pump operation is disabled and electric heat enabled below -5°F (+/- 3 °F).
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.