

Single Package Air Conditioner and Heat Pump

SPXC Series

Single Packaged Air Conditioners (SPACs) are as convenient to service as a PTAC while providing the benefits of concealed ducted systems. SPACs can be hidden in a closet or behind a wall and serve multiple spaces via concealed ductwork. With the introduction of Ice Air's breakthrough cold climate technology our line of Single Packaged Heat Pumps (SPHPs) would allow for efficient heat pump operation on the coldest days.



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
- Standard dimension wall plenum, compliant with US DOE requirements (23-5/8" W x 32-5/8" H)

SERIES MODEL #	8SPXC12	8SPXC18	8SPXC24
Cooling Capacity (Btu/hr) ¹	11,200	16,800	24,000
Sensible Capacity (Btu/hr) ¹	9,900	12,900	18,500
Cooling Capacity Range (Btu/hr)	9,700 - 15,700	10,500 - 19,500	13,900 - 25,600
EER ¹	13.0	11.0	11.0
Cooling Operating Range	38°F TO 115°F		
Cooling Input (Watts)	862	1,527	2,182
Cooling Input (Amps)	4.1	7.3	10.4
Heating Capacity (Btu/hr) ²	11,400	15,200	21,000
Heating Capacity Range (Btu/hr)	7,600 - 14,500	11,500 - 19,200	15,100 - 25,900
COP ²	3.5	3.3	3.3
HSPF ²	9.0	9.0	9.0
Heating Outdoor Operating Range	-5°F TO 70°F		
Heating Input (Watts)	955	1,350	1,865
Heating Input (Amps)	4.6	6.5	9.0
Electric Heat (kW)	3.5 5.0	5.0 7.5	5.0 7.5
Voltage	208	208	208
MCA (without Electric Heat)	9.8	14.8	18.8
MOP (without Electric Heat)	15	20	25
MCA (with Electric Heat)	22.5 27.8	28.7 47.4	28.9 47.8
MOP (with Electric Heat)	25 30	30 50	30 50
Airflow (CFM)	400	600	800
Outside Air (CFM)	60	60	60
Max External Static Pressure - ESP (in.wg.)	0.3	0.3	0.3
Weights (lbs.)	220	260	360
LOW AMBIENT PERFORMANCE			
Heating Capacity @ 10°F	9,100	12,100	20,800
COP @ 10°F	2.34	2.11	2.18
Heating Capacity @ 5°F	8,800	11,700	16,200
COP @ 5°F	2.17	2.05	2.00
Heating Capacity @ -5°F	8,200	10,900	18,700
COP @ -5°F	1.85	1.75	1.68

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.