ICE-AIR SPXC

Single Package Vertical Heat Pump (SPVHP)

Singlezone Ducted, Centrally Ducted

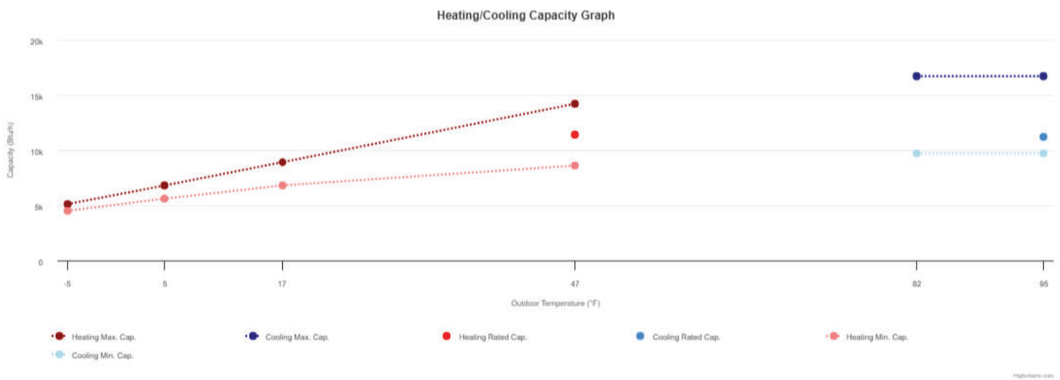
AHRI Cert #+: **10000008**

Model #+: **SPXC12**

Maximum Heating Capacity (Btu/h) @5°F: **6,800**

Rated Heating Capacity (Btu/h) @47°F+: **11,400**

Rated Cooling Capacity (Btu/h) @95°F+: **11,200**



Information Tables

Brand	ICE-AIR
Series	SPXC
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate No.+	10000008
Model No.+	SPXC12
EER+	13
Variable Capacity	✔
Is there a low ambient temperature at which the compressor locks out and the unit switches to electric heat?	-5
What is the sequence of operation for electric heat?	If outdoor temperature drops below -5°F, heat pump will shut off and electric heat will turn on
Is there an option to disable electric heat above a certain ambient temperature?	Electric heat is disabled above -5°F, non-adjustable
How is condensate handled from dehumidification in cooling mode and defrost in heating mode?	Condensate is drained through building drain pipe
Refrigerant	R-410A
Sold In+	USA

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated+	Max
Cooling	95°F	80°F	Btu/h+	9,700	11,200	16,700
			kW	0.69	0.86	1.49
			COP	4.12	3.82	3.28
Cooling	82°F	80°F	Btu/h+	9,700	-	16,700
			kW	0.54	-	1.19
			COP	5.26	-	4.11
Heating	47°F	70°F	Btu/h+	8,600	11,400	14,200
			kW	0.66	0.96	1.3
			COP	3.82	3.48	3.2
Heating	17°F	70°F	Btu/h+	6,800	-	8,900
			kW	0.83	-	1.19
			COP	2.4	-	2.19
Heating	5°F	70°F	Btu/h+	5,600	-	6,800
			kW	0.76	-	1.07
			COP	2.16	-	1.86
Heating	-5°F	70°F	Btu/h+	4,500	-	5,100
			kW	1.69	-	1.52
			COP	0.78	-	0.98

ICE-AIR SPXC

Single Package Vertical Heat Pump (SPVHP)

Singlezone Ducted, Centrally Ducted

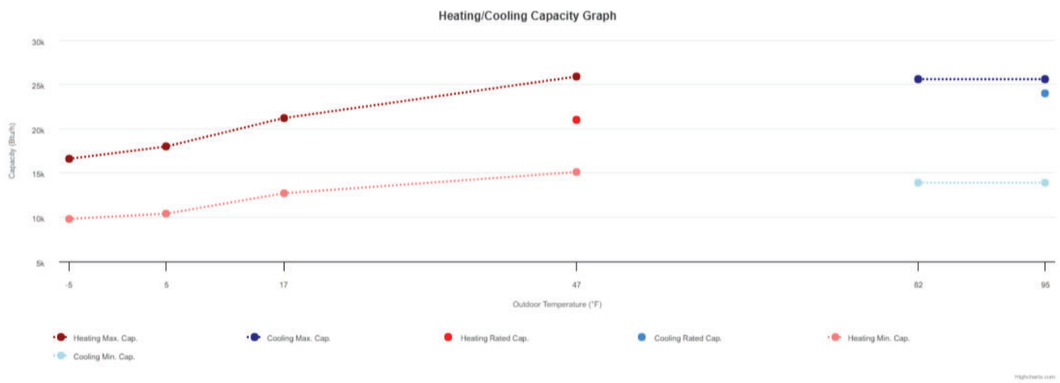
AHRI Cert #⁺: **10000009**

Model #⁺: **SPXC24**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **18,000**

🔥 Rated Heating Capacity (Btu/h) @47°F⁺: **21,000**

❄ Rated Cooling Capacity (Btu/h) @95°F⁺: **24,000**



Information Tables

Brand	ICE-AIR
Series	SPXC
Ducting Configuration	Singlezone Ducted, Centrally Ducted
AHRI Certificate No.⁺	10000009
Model No.⁺	SPXC24
EER⁺	11
Variable Capacity	✔
Is there a low ambient temperature at which the compressor locks out and the unit switches to electric heat?	-5
What is the sequence of operation for electric heat?	If outdoor temperature drops below -5°F, heat pump will shut off and electric heat will turn on
Is there an option to disable electric heat above a certain ambient temperature?	Electric heat is disabled above -5°F, non-adjustable
How is condensate handled from dehumidification in cooling mode and defrost in heating mode?	Condensate is drained through building drain pipe
Refrigerant	R-410A
Sold In⁺	USA

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated⁺	Max
Cooling	95°F	80°F	Btu/h⁺	13,900	24,000	25,600
			kW	1.14	2.18	2.46
			COP	3.57	3.23	3.05
Cooling	82°F	80°F	Btu/h⁺	13,900	-	25,600
			kW	0.89	-	1.97
			COP	4.58	-	3.81
Heating	47°F	70°F	Btu/h⁺	15,100	21,000	25,900
			kW	1.27	1.87	2.57
			COP	3.48	3.29	2.95
Heating	17°F	70°F	Btu/h⁺	12,700	-	21,200
			kW	1.43	-	2.68
			COP	2.6	-	2.32
Heating	5°F	70°F	Btu/h⁺	10,400	-	18,000
			kW	1.46	-	2.78
			COP	2.09	-	1.9
Heating	-5°F	70°F	Btu/h⁺	9,800	-	16,600
			kW	1.8	-	1.7
			COP	1.6	-	2.86

ICE-AIR iCool XC

Single Package Vertical Heat Pump (SPVHP)

Singlezone Non-Ducted, Wall Placement

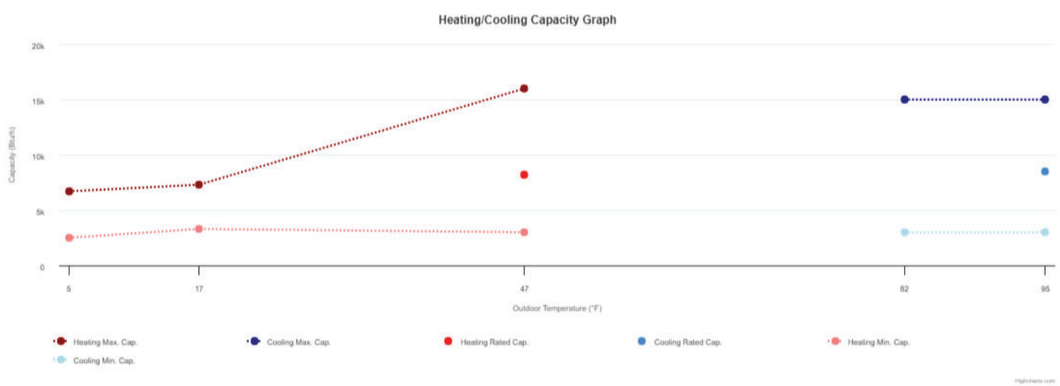
AHRI Cert #[+]: **10000010**

Model #[+]: **8RSXC09-DH****

🔥 Maximum Heating Capacity (Btu/h) @5°F: **6,700**

🔥 Rated Heating Capacity (Btu/h) @47°F[+]: **8,200**

❄ Rated Cooling Capacity (Btu/h) @95°F[+]: **8,500**



Information Tables

Brand	ICE-AIR
Series	iCool XC
Ducting Configuration	Singlezone Non-Ducted, Wall Placement
AHRI Certificate No.[+]	10000010
Model No.[+]	8RSXC09-DH**
EER[+]	11.8
Variable Capacity	✔
Is there a low ambient temperature at which the compressor locks out and the unit switches to electric heat?	No
What is the sequence of operation for electric heat?	If room temperature drops below 60°F, electric heat will turn on and work in conjucntion with heat pump. Electric heat can also be manually toggled on by pressing button on wireless remote or control panel on unit
Is there an option to disable electric heat above a certain ambient temperature?	No
How is condensate handled from dehumidification in cooling mode and defrost in heating mode?	During cooling, the condensate from the evaporator is splashed onto the condenser coil. During heating, the condensate is drained through building drain pipe
Refrigerant	R-32
Sold In[+]	USA

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated[+]	Max
Cooling	95°F	80°F	Btu/h[+]	3,000	8,500	15,000
			kW	0.23	0.72	1.83
			COP	3.82	3.46	2.4
Cooling	82°F	80°F	Btu/h[+]	3,000	-	15,000
			kW	0.18	-	1.3
			COP	4.88	-	3.38
Heating	47°F	70°F	Btu/h[+]	3,000	8,200	16,000
			kW	0.22	0.67	1.89
			COP	4	3.59	2.48
Heating	17°F	70°F	Btu/h[+]	3,300	-	7,300
			kW	0.26	-	1.04
			COP	3.72	-	2.06
Heating	5°F	70°F	Btu/h[+]	2,500	-	6,700
			kW	0.3	-	1.12
			COP	2.44	-	1.75

ICE-AIR RSXC

Packaged Terminal Heat Pump (PTHP)

Singlezone Non-Ducted, Wall Placement

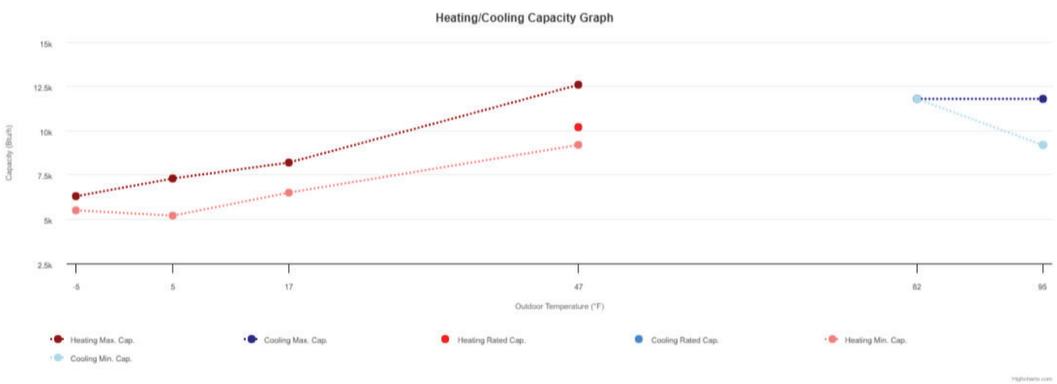
AHRI Cert #⁺: **205817123**

Model #⁺: **RSXC09**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **7,300**

🔥 Rated Heating Capacity (Btu/h) @47°F⁺: **10,200**

❄ Rated Cooling Capacity (Btu/h) @95°F⁺: **9,200**



Information Tables

Brand	ICE-AIR
Series	RSXC
Ducting Configuration	Singlezone Non-Ducted, Wall Placement
AHRI Certificate No.⁺	205817123
Model No.⁺	RSXC09
EER⁺	12.1
Variable Capacity	✔
Is there a low ambient temperature at which the compressor locks out and the unit switches to electric heat?	-5.0
What is the sequence of operation for electric heat?	If outdoor temperature drops below -5°F, heat pump will shut off and electric heat will turn on
Is there an option to disable electric heat above a certain ambient temperature?	Electric heat is disabled above -5°F, non-adjustable
How is condensate handled from dehumidification in cooling mode and defrost in heating mode?	Condensate is drained through building drain pipe
Refrigerant	R-410A
Sold In⁺	USA

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated⁺	Max
Cooling	95°F	80°F	Btu/h⁺	9,200	9,200	11,800
			kW	0.76	0.76	1.37
			COP	3.55	3.55	2.52
Cooling	82°F	80°F	Btu/h⁺	11,800	-	11,800
			kW	1.1	-	1.1
			COP	3.14	-	3.14
Heating	47°F	70°F	Btu/h⁺	9,200	10,200	12,600
			kW	0.69	0.83	1.07
			COP	3.91	3.6	3.45
Heating	17°F	70°F	Btu/h⁺	6,500	-	8,200
			kW	0.73	-	1.02
			COP	2.61	-	2.36
Heating	5°F	70°F	Btu/h⁺	5,200	-	7,300
			kW	0.69	-	1.08
			COP	2.21	-	1.98
Heating	-5°F	70°F	Btu/h⁺	5,500	-	6,300
			kW	0.93	-	1.17
			COP	1.73	-	1.58

ICE-AIR RSXC

Packaged Terminal Heat Pump (PTHP)

Singlezone Non-Ducted, Wall Placement

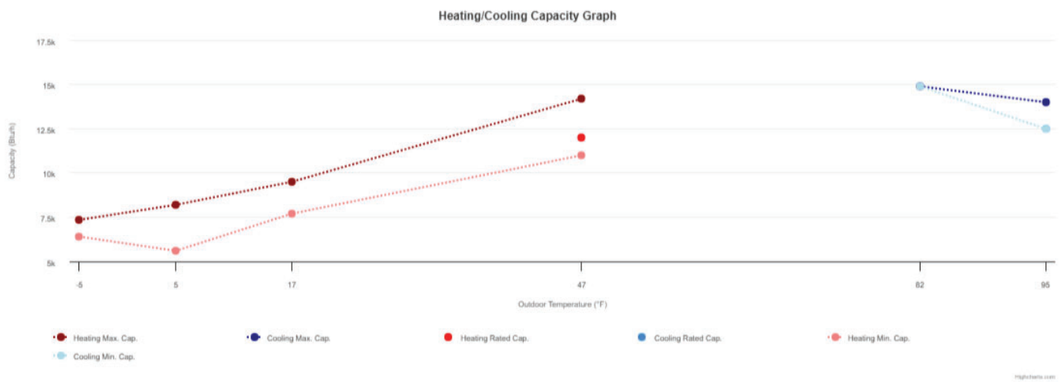
AHRI Cert #⁺: **205817124**

Model #⁺: **RSXC13**

🔥 Maximum Heating Capacity (Btu/h) @5°F: **8,200**

🔥 Rated Heating Capacity (Btu/h) @47°F⁺: **12,000**

❄ Rated Cooling Capacity (Btu/h) @95°F⁺: **12,500**



Information Tables

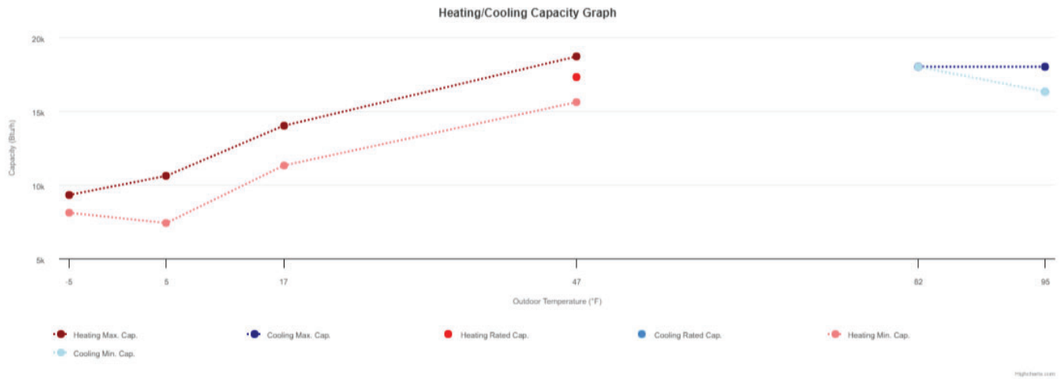
Brand	ICE-AIR
Series	RSXC
Ducting Configuration	Singlezone Non-Ducted, Wall Placement
AHRI Certificate No.⁺	205817124
Model No.⁺	RSXC13
EER⁺	11.1
Variable Capacity	✔
Is there a low ambient temperature at which the compressor locks out and the unit switches to electric heat?	-5.0
What is the sequence of operation for electric heat?	If outdoor temperature drops below -5°F, heat pump will shut off and electric heat will turn on
Is there an option to disable electric heat above a certain ambient temperature?	Electric heat is disabled above -5°F, non-adjustable
How is condensate handled from dehumidification in cooling mode and defrost in heating mode?	Condensate is drained through building drain pipe
Refrigerant	R-410A
Sold In⁺	USA

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated⁺	Max
Cooling	95°F	80°F	Btu/h⁺	12,500	12,500	14,000
			kW	1.12	1.12	1.37
			COP	3.27	3.27	2.99
Cooling	82°F	80°F	Btu/h⁺	14,900	-	14,900
			kW	1.27	-	1.27
			COP	3.44	-	3.44
Heating	47°F	70°F	Btu/h⁺	11,000	12,000	14,200
			kW	0.94	1.08	1.27
			COP	3.43	3.26	3.28
Heating	17°F	70°F	Btu/h⁺	7,700	-	9,500
			kW	0.94	-	1.27
			COP	2.4	-	2.19
Heating	5°F	70°F	Btu/h⁺	5,600	-	8,200
			kW	0.76	-	1.23
			COP	2.16	-	1.95
Heating	-5°F	70°F	Btu/h⁺	6,400	-	7,350
			kW	1.16	-	1.4
			COP	1.62	-	1.54

ICE-AIR RSXC

Packaged Terminal Heat Pump (PTHP)
Singlezone Non-Ducted, Wall Placement
AHRI Cert #⁺: **205817125**
Model #⁺: **RSXC18**
🔥 Maximum Heating Capacity (Btu/h) @5°F: **10,600**
🔥 Rated Heating Capacity (Btu/h) @47°F⁺: **17,300**
❄ Rated Cooling Capacity (Btu/h) @95°F⁺: **16,300**



Information Tables

Brand	ICE-AIR
Series	RSXC
Ducting Configuration	Singlezone Non-Ducted, Wall Placement
AHRI Certificate No.⁺	205817125
Model No.⁺	RSXC18
EER⁺	10
Variable Capacity	✔
Is there a low ambient temperature at which the compressor locks out and the unit switches to electric heat?	-5.0
What is the sequence of operation for electric heat?	If outdoor temperature drops below -5°F, heat pump will shut off and electric heat will turn on
Is there an option to disable electric heat above a certain ambient temperature?	Electric heat is disabled above -5°F, non-adjustable
How is condensate handled from dehumidification in cooling mode and defrost in heating mode?	Condensate is drained through building drain pipe
Refrigerant	R-410A
Sold In⁺	USA

Performance Specs

Heating / Cooling	Outdoor Dry Bulb	Indoor Dry Bulb	Unit	Min	Rated⁺	Max
Cooling	95°F	80°F	Btu/h⁺	16,300	16,300	18,000
			kW	1.63	1.63	2.05
			COP	2.93	2.93	2.57
Cooling	82°F	80°F	Btu/h⁺	18,000	-	18,000
			kW	1.65	-	1.65
			COP	3.2	-	3.2
Heating	47°F	70°F	Btu/h⁺	15,600	17,300	18,700
			kW	1.47	1.69	1.89
			COP	3.11	3	2.9
Heating	17°F	70°F	Btu/h⁺	11,300	-	14,000
			kW	1.41	-	1.95
			COP	2.35	-	2.1
Heating	5°F	70°F	Btu/h⁺	7,400	-	10,600
			kW	1.03	-	1.61
			COP	2.11	-	1.93
Heating	-5°F	70°F	Btu/h⁺	8,100	-	9,300
			kW	1.48	-	1.79
			COP	1.6	-	1.52