



PTHP

PTAC

New Construction Unit

RSXC (New Technology!)

RSNU-HP

RSNU

Replacement and Retrofit Units

RS16

RSAN

RSCC

RSCM

RSEA

RSF

RSK

RSMK

RSZ

Packaged Terminal
Heat Pump and
Air Conditioner Units

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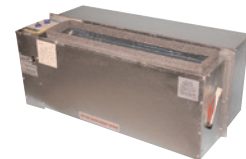
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IMPORTANT: Accessories are optional. Deviations from standard accessories may affect performance; louver requires 70% free area per original OEM specification; room enclosures must provide sufficient return air, free flowing supply air and must be properly sealed to prevent air recirculation; any non-standard components or accessories must be reviewed and approved by Ice Air or approved distributor.

About Ice Air

Ice Air has over 50 years of industry experience in developing and manufacturing a wide variety of HVAC units to provide superior new construction heating and cooling systems and to replace old installations. Ice Air offers advanced green technologies and provides world-class comfort at high efficiency levels, meeting environmental standards and promoting a healthy environment.

Ice Air's state-of-the-art units can be equipped with digital controls designed to optimize user comfort and ease of operation. Ice Air products are designed to provide years of trouble-free operation and reliable performance in multi-family housing, hotels/motels, dormitories, commercial buildings and similar projects. Units are ideal for new construction, retrofit and replacement applications.

Overview

Ice Air PTACs are designed for ultra-high efficiency and comply with LEED® criteria in a durable, user-friendly package. New construction units feature EERs to 12.0, as well as whisper-quiet sound levels, commercial grade construction and balanced air flow. Ice Air offers a full line of ExactFit™ replacement units, which provide a simplified replacement solution for nearly every major manufacturer.

Models:

- HiSpec™ units for new construction
- Full line of ExactFit™ replacement units

Advanced Optional Features:

- Xstream Air™ - add-on Outside Air Module for full-time ventilation
- SoundShield™ - OITC/STC sound attenuation package
- Heat pump options with electric heat or backup electric heat
- Custom wall sleeves and room enclosures available
- Architectural louvers available

HiSPEC

EXACTFIT

Xstream Air

Sound Shield



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/h) ¹	9,200		12,500		16,300
Sensible Capacity (Btu/h) ¹	7,200		8,800		11,200
Cooling Capacity Range (Btu/h)	6,300 - 11,800		6,500 - 14,900		7,300 - 18,000
EER ¹	12.1		11.1		10.0
Heating Capacity (Btu/h) ²	10,200		12,000		17,300
Heating Capacity Range (Btu/h)	5,200 - 12,600		5,600 - 14,200		9,500 - 18,700
COP ²	3.6		3.1		3.0
HSPF ²	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.

RSNU-HP Series



Ice Air's packaged terminal heat pumps provide reliable occupant comfort at a great value.

Commercial grade construction provides reliability and longevity unmatched in this market category. With attractive durable enclosures, and whisper quiet operation, the RSNU-HP series is the perfect solution for new construction.



Features:

- Ultra-high efficiency – EERs to 12.0
- Electric Heat output available in various outputs to meet building heating demand.
- Heat pump operation down to 38°F with a transition to electric heat below 38°F
- Advanced tangential indoor blower provides balanced air flow
- Whisper quiet sound levels
- Standard programmable digital touchpad controls
- 5/2 or 7 day programming
- Puron® R-410A Green refrigerant
- Heavy duty, commercial-grade construction throughout
- Various control options including WiFi thermostats and BMS integration



- G90 galvanized steel construction, powder-coated drain and base pans
- Furniture-grade, powder-coated cabinetry

For custom solutions, please consult factory.

SERIES MODEL #	RSNU07-H			RSNU09-H			RSNU13-H			RSNU16-H		RSNU18-H	
Total Cooling Capacity (Btu/hr) ¹	7,700			9,700			12,800			14,400		16,400	
Sensible Cooling Capacity (Btu/hr) ¹	5,390			6,790			8,960			10,080		11,480	
EER ¹	12.0			11.5			10.8			10.5		10.0	
Heating Capacity (Btu/hr) ²	7,200			8,700			11,500			13,300		15,200	
COP ²	3.40			3.30			3.30			3.10		3.10	
Voltage	115	208 / 230	277	115	208 / 230	277	115	208 / 230	277	208 / 230	277	208 / 230	277
Electric Heater (kW) ³	1.5	3.0 3.5	3.0 3.5	1.5	3.0 3.5	3.0 3.5	1.5	3.0 3.5 4.3	3.0 3.5 4.3	3.0 3.5 4.3	3.0 3.5 4.3	3.0 3.5 4.3	3.0 3.5 4.3
Electric Heater (A) ³	13	14.4 16.8	10.8 12.6	13	14.4 16.8	10.8 12.6	13	14.4 16.8 20.7	10.8 12.6 15.5	14.4 16.8 20.7	10.8 12.6 15.5	14.4 16.8 20.7	10.8 12.6 15.5
Current in Cooling Operation (Amps)	5.6	3.1	2.3	7.3	4.1	3.0	10.3	5.7	4.3	6.6	5.0	7.9	5.9
Power in Cooling Operation (Watts)	642			843			1,185			1,371		1,640	
MCA (without Electric Heat)	7	3.9	2.9	9.1	5.1	3.8	12.9	7.1	5.4	8.3	6.1	9.9	7.4
MOCP (without Electric Heat)	15	15	15	15	15	15	20	15	15	15	15	15	15
MCA (with Electric Heat)	17.6	18.8 21.8	14.2 16.4	17.6	18.8 21.8	14.2 16.4	17.6	18.8 21.8 26.6	14.2 16.4 19.9	18.8 21.8 26.6	14.2 16.4 19.9	18.8 21.8 26.6	14.2 16.4 19.9
MOCP (with Electric Heat)	20	20 25	15 20	20	20 25	15 20	20	20 25 30	15 20 20	20 25 30	15 20 20	20 25 30	15 20 20
Airflow - High Speed (CFM)	380	380	380	380	380	380	400	400	400	450	450	540	540
Airflow - Low Speed (CFM)	300	300	300	300	300	300	350	350	350	380	380	450	450
Outside Airflow (CFM)	60			60			60			60		60	
O.A. with fan assist option (CFM)	110			110			110			110		110	
Weight (Lbs.)	130			134			134			134		137	

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. Heat pump operation disabled and electric heat enabled below 38°F (+/- 3°F)

RSNU Series



Ice Air's line of new construction PTACs provide the perfect solution in a durable, user-friendly package.

Commercial grade construction provides reliability and longevity unmatched in this market category. With an attractive durable enclosure, whisper quiet operation, and highest energy efficiency available, the RSNU series is the perfect solution for new construction.



Features:

- Ultra-high efficiency – EERs to 12.0
- Advanced tangential indoor blower provides balanced air flow
- Whisper quiet sound levels
- Standard programmable digital touchpad controls
- 5/2 or 7 day programming
- Puron® R-410A Green refrigerant
- Heavy duty, commercial-grade construction throughout
- G90 galvanized steel construction, powder-coated drain and base pans
- Furniture-grade, powder-coated cabinetry



For custom solutions, please consult factory.

SERIES MODEL #	RSNU07			RSNU09			RSNU13			RSNU16		RSNU18	
Total Cooling Capacity (Btu/h)¹	7,700			9,700			12,800			14,400		16,400	
Sensible Cooling Capacity (Btu/h)¹	5,390			6,790			8,960			10,080		11,480	
EER¹	12.0			11.5			10.8			10.5		10.0	
Heating Capacity - Hot Water (Btu/h)²	16,500			16,500			16,500			19,400		19,400	
Heating Capacity - Steam (Btu/h)³	18,700			18,700			18,700			20,200		20,200	
Voltage	115	208/230	277	115	208/230	277	115	208/230	277	208/230	277	208/230	277
Current in cooling mode (Amps)	5.6	3.1	2.3	7.3	4.1	3.0	10.3	5.7	4.3	6.6	5.0	7.9	5.9
Power in cooling mode (Watts)	642			843			1,185			1,371		1,640	
MCA	7.0	3.9	2.9	9.1	5.1	3.8	12.9	7.1	5.4	8.3	6.1	9.9	7.4
MOCP	15	15	15	15	15	15	20	15	15	15	15	15	15
Airflow - High Speed (CFM)	380	380	380	380	380	380	400	400	400	450	450	540	540
Airflow - Low Speed (CFM)	300	300	300	300	300	300	350	350	350	380	380	450	450
Outside Airflow (CFM)	60			60			60			60		60	
Outside Airflow with fan assist option (CFM)	110			110			110			110		110	
Weight (Lbs.)	130			134			134			134		137	

SPECIFICATION NOTES:

1. Cooling capacity rated @ EAT = 80/67 °F db/wb; Ambient = 95 °F db
2. Hot water heating capacity rated @ EAT = 65 °F, EWT=200 °F, Flow Rate = 2-GPM
3. Steam heating capacity rated @ EAT=65 °F, Inlet Steam Pressure = 2 PSIG

IMPORTANT: Accessories are optional. Deviations from standard accessories may affect performance; louver requires 70% free area per original OEM specification; room enclosures must provide sufficient return air, free flowing supply air and must be properly sealed to prevent air recirculation; any non-standard components or accessories must be reviewed and approved by Ice Air or approved distributor.

RS16 Series



Ice Air's RS16 Series Replacement and Retrofit units are high energy efficiency PTACs. Designed from the ground up for ultra-high efficiency, they incorporate advanced LEEDs features in a durable and user-friendly package.

Features:

- Ultra-high efficiency – EERs to 8.9
- Advanced tangential indoor blower provides balanced air flow
- Whisper quiet sound levels
- Standard programmable digital touchpad controls
- 5/2 or 7 day programming
- Heavy duty, commercial-grade construction throughout
- G90 galvanized steel construction, powder-coated drain and base pans
- Furniture-grade, powder-coated cabinetry



Replaces:

- American Air Filter (AAF) – Type 16
- American Standard – Type 45
- McQuay – Type 16, PNES
- Singer – ENR
- Islandaire – 16
- Retroaire – RC/RH10
- Remington – Type 16

SERIES MODEL #	5RS1613	8RS1609	8RS1613	8RS1618	7RS1609	7RS1613
Cooling Capacity (Btu/h)¹	12,200	9,300	12,600	16,200	9,300	12,200
EER	8.35	8.95	8.25	7.7	8.95	8.4
Heating Capacity - Hot Water (Btu/h)²	15,500	15,500	15,500	15,500	15,500	15,500
Heating Capacity - Steam (Btu/h)³	18,700	18,700	18,700	18,700	18,700	18,700
Electric heating MAX (kW)	1.5	4.3	4.3	4.3	3.5	3.5
Voltage	115	208/230	208/230	208/230	277	277
Amperage	12.7	5.0	7.3	10.1	3.8	5.2
Watts	1,461	1,039	1,527	2,104	1,039	1,452
Cooling High (CFM)	430	400	430	450	400	430
Cooling Low (CFM)	350	340	350	360	340	350
Heating (CFM)	240	230	240	250	230	240
CFM Outside Air	60	60	60	60	60	60
Weight Net/Ship	121/138	117/133	121/138	141/157	117/133	121/138

SPECIFICATION NOTES:

1. BTUH @ 80°F DB/67 °F WB INDOORS; 95 °F DB OUTDOORS.
2. BTUH @ 200 °F E.W.T.; 65 °F E.A.T. & 2 G.P.M. FLOW RATE.
3. BTUH @ 2 PSIG STEAM & 65 °F E.A.T.

IMPORTANT: Accessories are optional. Deviations from standard accessories may affect performance; louver requires 70% free area per original OEM specification; room enclosures must provide sufficient return air, free flowing supply air and must be properly sealed to prevent air recirculation; any non-standard components or accessories must be reviewed and approved by Ice Air or approved distributor.

RSAN Series



Ice Air's RSAN Series New Construction and Replacement units are high energy efficiency PTACs. Designed from the ground up for ultra-high efficiency, they incorporate advanced LEEDs features in a durable and user-friendly package.

Features:

- Ultra-high efficiency – EERs to 11.9
- Advanced tangential indoor blower provides balanced air flow
- Whisper quiet sound levels
- Standard programmable digital touchpad controls
- 5/2 or 7 day programming
- Heavy duty, commercial-grade construction throughout
- G90 galvanized steel construction, powder-coated drain and base pans
- Furniture-grade, powder-coated cabinetry



Replaces:

McQuay – PDNS, PDAN, PGAN, N, NH
Singer – N, NH
Islandaire – N, NH, NE

SERIES MODEL #	5RSAN09	5RSAN13	8RSAN09	8RSAN13	8RSAN15	8RSAN17
Cooling Capacity (Btu/h)¹	9,600	12,220	9,600	12,700	15,000	16,000
EER	11.2	11.2	11.2	11.2	10.1	9.5
Heating Capacity - Hot Water (Btu/h)²	17,200	17,200	17,200	17,200	19,500	19,500
Heating Capacity - Steam (Btu/h)³	18,700	18,700	18,700	18,700	20,200	20,200
Electric Heating MAX (kW)	1.5	1.5	4.3	4.3	4.3	4.3
Voltage	115	115	208/230	208/230	208/230	208/230
Amperage	7.5	9.5	4.1	5.5	7.1	8.1
Watts	857	1,089	857	1,134	1,485	1,684
CFM Room Air High	400	450	400	450	475	525
CFM Room Air Low	280	315	280	315	333	368
CFM Room Heat High	280	315	280	315	333	368
CFM Room Heat Low	210	210	210	210	210	210
Weight Net/Ship	117/133	117/133	117/133	117/133	132/148	141/157

SPECIFICATION NOTES:

1. BTUH @ 80°F. DB/67°F. WB INDOORS; 95°F. DB OUTDOORS.
2. BTUH @ 200°F. E.W.T.; 65°F. E.A.T. & 2 G.P.M. FLOW RATE.
3. BTUH @ 2 PSIG STEAM & 65°F. E.A.T.

IMPORTANT: Accessories are optional. Deviations from standard accessories may affect performance; louver requires 70% free area per original OEM specification; room enclosures must provide sufficient return air, free flowing supply air and must be properly sealed to prevent air recirculation; any non-standard components or accessories must be reviewed and approved by Ice Air or approved distributor.

RSCC Series



Ice Air's RSCC Series Replacement and Retrofit units are high energy efficiency PTACs. Designed from the ground up for ultra-high efficiency, they incorporate advanced LEEDs features in a durable and user-friendly package.

Features:

- Advanced tangential indoor blower provides balanced air flow
- Whisper quiet sound levels
- Standard programmable digital touchpad controls
- 5/2 or 7 day programming
- Heavy duty, commercial-grade construction throughout
- G90 galvanized steel construction, powder-coated drain and base pans
- Furniture-grade, powder-coated cabinetry



RSCC Replaces:

Ice-Cap – RSCT
Ice Air – RSET

SERIES MODEL #	5RSCC07	5RSCC09	5RSCC13	8RSCC09	8RSCC13	8RSCC16	8RSCC18	7RSCC09	7RSCC13	7RSCC18
Cooling Capacity (Btu/h)¹	8,100	9,500	12,750	9,700	12,700	14,400	16,200	9,700	12,500	16,200
EER	9.5	8.9	8.3	8.85	8.3	8.3	7.75	8.85	8.3	7.75
Heating Capacity - Hot Water (Btu/h)²	16,500	16,500	16,500	16,500	16,500	19,400	19,400	16,500	16,500	19,400
Heating Capacity - Steam (Btu/h)³	18,700	18,700	18,700	18,700	18,700	20,000	20,000	18,700	18,700	20,000
Electric Heating MAX (kW)	1.5	1.5	1.5	4.3	4.3	4.3	4.3	3.5	3.5	3.5
Voltage	115	115	115	208	208	208	208	277	277	277
Amperage	7.4	9.3	13.4	5.3	7.4	8.3	10.0	4.0	5.4	7.5
Watts	853	1,067	1,536	1,096	1,530	1,735	2,090	1,096	1,506	2,090
CFM Room Air High	370	370	370	370	430	430	480	370	430	480
CFM Room Air Low	260	260	260	260	330	330	330	260	330	330
CFM Ooutside Air (4)	60	60	60	60	60	60	60	60	60	60
CFM Extra Outside Air	110	110	110	110	110	110	110	110	110	110
Weight Net/ShipP	113/129	117/133	124/138	117/133	124/138	132/148	141/157	117/133	124/138	141/157

SPECIFICATION NOTES:

1. BTUH @ 80°F. DB/67 °F. WB INDOORS; 95 °F. DB OUTDOORS.
2. BTUH @ 200 °F. E.W.T.; 65 °F. E.A.T. & 2 G.P.M. FLOW RATE.
3. BTUH @ 2 PSIG STEAM & 65 °F. E.A.T.

IMPORTANT: Accessories are optional. Deviations from standard accessories may affect performance; louver requires 70% free area per original OEM specification; room enclosures must provide sufficient return air, free flowing supply air and must be properly sealed to prevent air recirculation; any non-standard components or accessories must be reviewed and approved by Ice Air or approved distributor.

RSCM/A/B/C Series



Ice Air's RSCM/A/B/C Series Replacement and Retrofit units are high energy efficiency PTACs. Designed from the ground up for ultra-high efficiency, they incorporate advanced LEEDs features in a durable and user-friendly package.

Features:

- Ultra-high efficiency – EERs to 10.5
- Advanced tangential indoor blower provides balanced air flow
- Whisper quiet sound levels
- Standard programmable digital touchpad controls
- 5/2 or 7 day programming
- Heavy duty, commercial-grade construction throughout
- G90 galvanized steel construction, powder-coated drain and base pans
- Furniture-grade, powder-coated cabinetry



RSCM/A Replaces:

ClimateMaster 702, 703, 704
 Friedrich – 702, 703, 704
 Weil-McClain – 702, 703, 704
 Islandaire – CM
 Retroaire – RC/RH20

RSCM/B and RSCM/C Replaces:

ClimateMaster – 700 AD
 Friedrich – 700 AD
 Weil-McClain – 700 AD
 Islandaire – AD
 Retroaire – RC/RH20

SERIES MODEL #	5RSCM09	5RSCM13	8RSCM09	8RSCM13	8RSCM18	7RSCM09	7RSCM13	7RSCM18
Cooling Capacity (Btu/h)¹	9,500	12,750	9,700	13,250	17,300	9,250	12,500	17,000
EER	10.5	8.2	10.3	8.1	7.7	10.5	10	9.3
Heating Capacity - Hot Water (Btu/h)²	8,650	11,600	8,830	12,060	15,740	8,420	11,380	15,470
Heating Capacity - Steam(Btu/h)³	2.7	2.6	2.7	2.6	2.5	2.7	2.6	2.5
Electric Heating MAX (kW)	1.5	1.5	4.3	4.3	4.3	3.5	3.5	3.5
Voltage	115	115	208/230	208/230	208/230	277	277	277
Amperage	7.9	13.5	4.5	7.9	10.8	3.2	4.5	6.6
Watts	905	1,555	942	1,636	2,247	881	1,250	1,828
CFM Room Air High	370	370	370	430	480	370	430	480
Weight Net/Ship	113/129	117/133	113/129	124/138	141/157	117/133	124/139	141/157

SPECIFICATION NOTES:

1. BTUH @ 80°F. DB/67 °F. WB INDOORS; 95 °F. DB OUTDOORS.
2. BTUH @ 47°F. DB/43 °F. WB OUTDOORS; 70°F DB/60°F DB INDOORS.
3. HEAT PUMP OPERATION DISABLED BELOW 38 °F (+/- 3 °F)

IMPORTANT: Accessories are optional. Deviations from standard accessories may affect performance; louver requires 70% free area per original OEM specification; room enclosures must provide sufficient return air, free flowing supply air and must be properly sealed to prevent air recirculation; any non-standard components or accessories must be reviewed and approved by Ice Air or approved distributor.

RSEA Series



Ice Air's RSEA Series Replacement and Retrofit units are high energy efficiency PTACs. Designed from the ground up for ultra-high efficiency, they incorporate advanced LEEDs features in a durable and user-friendly package.

Features:

- Ultra-high efficiency – EERs to 9.4
- Advanced tangential indoor blower provides balanced air flow
- Whisper quiet sound levels
- Standard programmable digital touchpad controls
- 5/2 or 7 day programming
- Heavy duty, commercial-grade construction throughout
- G90 galvanized steel construction, powder-coated drain and base pans
- Furniture-grade, powder-coated cabinetry



Replaces:

McQuay – EA, ES, RS
 Remington – EA, ES, RS
 Singer – EA, ES, RS
 Islandaire – ED
 Retroaire – RC/RH35

SERIES MODEL #	5RSEA07	5RSEA09	5RSEA13	8RSEA09	8RSEA13	8RSEA18	7RSEA09	7RSEA13
Cooling Capacity (Btu/h)¹	7,250	9,000	12,100	9,300	12,150	16,300	9,000	12,100
EER	9.4	9	8.4	8.95	8.35	7.7	9.1	8.4
Heating Capacity - Hot Water (Btu/h)²	16,500	16,500	16,500	16,500	16,500	19,400	16,500	16,500
Heating Capacity - Steam (Btu/h)³	15,100	15,100	15,100	15,100	15,100	18,100	15,100	15,100
Electric Heating (kW)	1.5	1.5	1.5	4.3	4.3	4.3	3.5	3.5
Voltage	115	115	115	208/230	208/230	208/230	277	277
Amperage	6.7	8.7	12.5	5.0	7.0	10.2	3.6	5.2
Watts	771	1000	1,440	1,039	1,455	2,117	989	1,440
CFM Room Air High	370	370	370	370	370	430	370	370
CFM Room Air Low	260	260	260	260	260	260	260	260
CFM Outside AirR	60	60	60	60	60	60	60	60
CFM X Outside Air	110	110	110	110	110	110	110	110
Weight Net/Ship	120/136	120/136	120/136	120/136	120/136	130/146	120/136	120/136

SPECIFICATION NOTES:

1. BTUH @ 80°F. DB/67 °F. WB INDOORS; 95 °F. DB OUTDOORS.
2. BTUH @ 200 °F. E.W.T.; 65 °F. E.A.T. & 2 G.P.M. FLOW RATE.
3. BTUH @ 2 PSIG STEAM & 65 °F. E.A.T.

IMPORTANT: Accessories are optional. Deviations from standard accessories may affect performance; louver requires 70% free area per original OEM specification; room enclosures must provide sufficient return air, free flowing supply air and must be properly sealed to prevent air recirculation; any non-standard components or accessories must be reviewed and approved by Ice Air or approved distributor.

RSF Series



Ice Air's RSF Series Replacement and Retrofit units are high energy efficiency PTACs. Designed from the ground up for ultra-high efficiency, they incorporate advanced LEEDs features in a durable and user-friendly package.

Features:

- Ultra-high efficiency – EERs to 9.5
- Advanced tangential indoor blower provides balanced air flow
- Whisper quiet sound levels
- Standard programmable digital touchpad controls
- 5/2 or 7 day programming
- Heavy duty, commercial-grade construction throughout
- G90 galvanized steel construction, powder-coated drain and base pans
- Furniture-grade, powder-coated cabinetry



Replaces:

- Fedders – MaxiZone
- Islandaire – MX
- Retroaire – RC40

SERIES MODEL #	5RSF13	8RSF13	8RSF16
Cooling Capacity (Btu/h) ¹	12,100	12,100	14,300
EER	8.4	8.4	7.9
Heating Capacity - Hot Water (Btu/h) ²	15,500	15,500	15,500
Heating Capacity - Steam (Btu/h) ³	18,700	18,700	18,700
Electric Heating Max (kW)	1.5	4.3	4.3
Voltage	115	208/230	208/230
Amperage	12.5	7.9	8.7
Watts	1,440	1,440	1,810
CFM Air Hi Cool	350	350	400
CFM Air Lo Cool	280	280	310
CFM Outside Air	60	60	60
Weight Net/Ship	117/133	117/133	121/138

SPECIFICATION NOTES:

1. BTUH @ 80°F. DB/67 °F. WB INDOORS; 95 °F. DB OUTDOORS.
2. BTUH @ 200 °F. E.W.T.; 65 °F. E.A.T. & 2 G.P.M. FLOW RATE.
3. BTUH @ 2 PSIG STEAM & 65 °F. E.A.T.

IMPORTANT: Accessories are optional. Deviations from standard accessories may affect performance; louver requires 70% free area per original OEM specification; room enclosures must provide sufficient return air, free flowing supply air and must be properly sealed to prevent air recirculation; any non-standard components or accessories must be reviewed and approved by Ice Air or approved distributor.

RSK Series



Ice Air's RSK Series Replacement and Retrofit units are high energy efficiency PTACs. Designed from the ground up for ultra-high efficiency, they incorporate advanced LEEDs features in a durable and user-friendly package.

Features:

- Ultra-high efficiency – EERs to 9.5
- Advanced tangential indoor blower provides balanced air flow
- Whisper quiet sound levels
- Standard programmable digital touchpad controls
- 5/2 or 7 day programming
- Heavy duty, commercial-grade construction throughout
- G90 galvanized steel construction, powder-coated drain and base pans
- Furniture-grade, powder-coated cabinetry



Replaces:

- Ice-Cap – RSK
- Islandaire – RK
- Retroaire – RC/RH22

SERIES MODEL #	5RSK07	5RSK09	5RSK13	8RSK09	8RSK13	8RSK16	8RSK18	7RSK09	7RSK13
Cooling Capacity (Btu/h) ¹	7,100	9,000	12,600	9,000	12,250	15,000	17,100	9,000	12,250
EER	9.5	9.0	8.25	9.0	8.3	7.8	7.7	9.0	8.3
Heating Capacity - Hot Water (Btu/h) ²	16,500	16,500	16,500	16,500	16,500	19,400	19,400	16,500	16,500
Heating Capacity - Steam (Btu/h) ³	18,700	18,700	18,700	18,700	18,700	20,200	20,200	18,700	18,700
Electric Heating MAX (kW)	1.5	1.5	1.5	4.3	4.3	4.3	4.3	3.5	3.5
Voltage	115	115	115	208/230	208/230	208/230	208/230	277	277
Amperage	6.5	8.7	13.3	4.8	7.1	9.2	10.7	3.6	5.3
Watts	747	1000	1,527	1000	1,476	1,923	2,221	1,000	1,476
CFM Room Air High	350	350	400	350	450	450	450	350	450
CFM Room Air Low	260	260	350	260	350	370	370	260	350
CFM Outside Air(4)	60	60	60	60	60	60	60	60	60
CFM X Outside Air	110	110	110	110	110	110	110	110	110
Weight Net/Ship	113/129	117/133	117/133	117/133	117/133	132/148	141/157	117/133	117/133

SPECIFICATION NOTES:

1. BTUH @ 80°F. DB/67 °F. WB INDOORS; 95 °F. DB OUTDOORS.
2. BTUH @ 200 °F. E.W.T.; 65 °F. E.A.T. & 2 G.P.M. FLOW RATE.
3. BTUH @ 2 PSIG STEAM & 65 °F. E.A.T.

IMPORTANT: Accessories are optional. Deviations from standard accessories may affect performance; louver requires 70% free area per original OEM specification; room enclosures must provide sufficient return air, free flowing supply air and must be properly sealed to prevent air recirculation; any non-standard components or accessories must be reviewed and approved by Ice Air or approved distributor.

RSMK Series



Ice Air's RSMK Series Replacement and Retrofit units are high energy efficiency PTACs. Designed from the ground up for ultra-high efficiency, they incorporate advanced LEEDs features in a durable and user-friendly package.

Features:

- Ultra-high efficiency – EERs to 9.1
- Advanced tangential indoor blower provides balanced air flow
- Whisper quiet sound levels
- Standard programmable digital touchpad controls
- 5/2 or 7 day programming
- Heavy duty, commercial-grade construction throughout
- G90 galvanized steel construction, powder-coated drain and base pans
- Furniture-grade, powder-coated cabinetry



Replaces:

- Singer – K, EK
- Remington – K, EK
- McQuay – K, EK, RK
- Ice-Cap – RSK/K, RSMK

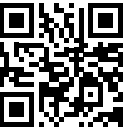
SERIES MODEL #	5RSMK09	5RSMK13	8RSMK09	8RSMK13	8RSMK16	7RSMK09	7RSMK13
Cooling Capacity (Btu/h)¹	8,550	11,750	8,550	11,500	13,500	8,550	11,750
EER	9.1	8.4	9.1	8.5	8.05	9.1	8.4
Heating Capacity - Hot Water (Btu/h)²	16,500	16,500	16,500	16,500	19,400	16,500	16,500
Heating Capacity - Steam (Btu/h)³	18,700	18,700	18,700	18,700	20,000	18,700	18,700
Electric Heating MAX (kW)	1.5	1.5	1.5	4.3	4.3	3.5	3.5
Voltage	115	115	208/230	208/230	208/230	277	277
Amperage	8.2	12.2	4.5	6.5	8.1	3.4	5.0
Watts	940	1,399	940	1,353	1,677	940	1,399
CFM Room Air High	370	370	370	430	430	370	370
CFM Room Air Low	350	350	350	370	370	350	350

SPECIFICATION NOTES:

1. BTUH @ 80°F. DB/67 °F. WB INDOORS; 95 °F. DB OUTDOORS.
2. BTUH @ 200 °F. E.W.T.; 65 °F. E.A.T. & 2 G.P.M. FLOW RATE.
3. BTUH @ 2 PSIG STEAM & 65 °F. E.A.T.

IMPORTANT: Accessories are optional. Deviations from standard accessories may affect performance; louver requires 70% free area per original OEM specification; room enclosures must provide sufficient return air, free flowing supply air and must be properly sealed to prevent air recirculation; any non-standard components or accessories must be reviewed and approved by Ice Air or approved distributor.

RSZ Series



Ice Air's RSZ Series Replacement and Retrofit units are high energy efficiency PTACs. Designed from the ground up for ultra-high efficiency, they incorporate advanced LEEDs features in a durable and user-friendly package.

Features:

- Ultra-high efficiency – EERs to 8.9
- Advanced tangential indoor blower provides balanced air flow
- Whisper quiet sound levels
- Standard programmable digital touchpad controls
- 5/2 or 7 day programming
- Heavy duty, commercial-grade construction throughout
- G90 galvanized steel construction, powder-coated drain and base pans
- Furniture-grade, powder-coated cabinetry



Replaces:

- Cool Heat – RM
- Embassy – Weather Twin
- TPI – RaMATIC
- ZoneAire – RM, SC
- Islandaire – RM
- Retroaire – RC/RH20

SERIES MODEL #	5RSZ09	5RSZ13	8RSZ09	8RSZ13	8RSZ18	7RSZ09	7RSZ13
Cooling Capacity (Btu/h)¹	9,400	12,800	9,300	12,750	16,300	9,200	12,800
EER	8.9	8.2	8.95	8.2	7.7	8.95	8.3
Heating Capacity - Hot Water (Btu/h)²	16,500	16,500	16,500	16,500	19,400	16,500	16,500
Heating Capacity - Steam (Btu/h)³	18,700	18,700	18,700	18,700	20,200	18,700	18,700
Electric Heating MAX (kW)	1.5	1.5	4.3	4.3	4.3	3.5	3.5
Voltage	115	115	208/230	208/230	208/230	277	277
Amperage	9.2	13.6	5.0	7.5	10.2	3.7	5.6
Watts	1,056	1,561	1,039	1,555	2,117	1,028	1,542
CFM Air High	370	370	370	430	430	370	370
CFM Air Low	260	260	260	330	330	260	260

SPECIFICATION NOTES:

1. BTUH @ 80°F. DB/67 °F. WB INDOORS; 95 °F. DB OUTDOORS.
2. BTUH @ 200 °F. E.W.T.; 65 °F. E.A.T. & 2 G.P.M. FLOW RATE.
3. BTUH @ 2 PSIG STEAM & 65 °F. E.A.T.

IMPORTANT: Accessories are optional. Deviations from standard accessories may affect performance; louver requires 70% free area per original OEM specification; room enclosures must provide sufficient return air, free flowing supply air and must be properly sealed to prevent air recirculation; any non-standard components or accessories must be reviewed and approved by Ice Air or approved distributor.



PTAC Replacement Models by Manufacturer

Quality, value and performance. Ice Air's Exactfit™ PTACs offer superior performance, quality manufacturing and customer value. Our models are a no-hassle ExactFit™ replacement for your existing equipment. Ice Air delivers the full complement of performance and excellence.

- Reliability
- Energy efficiency
- Ease of operation
- Low cost, easy installation
- Quiet comfort

Manufacturer	Model/Series	Ice Air Model
American Air Filter (AAF)	Type 25	RS41
	Type 16	RS16
American Standard	Type 41	RS41
	Type 45	RS16
ClimateMaster	700 AD	RSCM/B* or C*
	702,703,704	RSCM/A
Cool Heat	RM	RSZ
Embassy	Weather Twin	RSZ
Fedders	Maxizone	RSF
Friedrich	700 AD	RSCM/B* or C*
	702,703,704	RSCM/A
Ice-Cap ICE-CAP	RSK	RSK
	RSCT	RSCC
	RSCT-ZS	RSCC-ZS
Islandaire	N, NH	RSAN
	AD	RSCM/B* or C*
	CM	RSCM/A
	ED	RSEA
	JK	RSCC-JK
	KF	RSMK, RSK/K
	NE	RSAN
	MX	RSF
	RK	RSK
	RM	RSZ
	RT	RSCC
	WL	WL
	16	RS16
	41	RS41

Manufacturer	Model/Series	Ice Air Model
McQuay	PDES**, PDNS, PDAN, PGAN	RSAN
	EA, ES, RS	RSEA
	N, NH, PDNS	RSAN
	PNES, ENR	RS16
Remington	K, EK, RK	RSMK
	EA, ES, RS	RSEA
RetroAire	K, EK	RSMK
	RC15	RS41
	RC40	RSF
	RC/RH10	RS16
	RC/RH20	RSZ, RSCM/A
	RC/RH22	RSK
	RC/RH35	RSEA
RC/RH60	RSMK, RSK/K	
Singer	RC/RH90	RSCM/B* or C*
	EA, ES, RS	RSEA
	N, NH	RSAN
SlantFin	K, EK	RSMK, RSK/K
	TYPE 16	RS16
W, Wenig	JK	RSCC-JK
	WL "Coffin"	WL
	IW "Step Up"	RSIW

Replacement compatibility based on typical configurations. Modifications may be required based on OEM variations.

* Control box configuration must be specified
** May require new cabinet



Thermostat Options

Ice Air's thermostats for its lines of PTACs, WSHPs, Fan Coils, SPACs and Hybrid Water-Cooled ACs are designed for ease-of-use and efficiency. Unit-mounted controls are standard (accessible through an attractive brushed aluminum control door). Optional wall-mounted remote controls are available.



Habitat Wireless Thermostat

- Attractive, user-friendly design
- Wireless or wired connection
- Mobile app provides full control from anywhere, anytime
- Wi-Fi enabled for Smart App control options
- Works with Alexa or Google Assistant



Programmable Digital Touchscreen Thermostat

- Streamlined touchscreen display
- Intuitive design makes configuration fast and easy



Programmable Digital LCD Thermostat

- Easy-to-read digital display
- Compact, attractive design
- User-friendly for quick configuration



Non-Programmable LCD Digital Touch Pad Thermostat

- Touchpad interface controls basic functions
- Designed for simple operation



Non-Programmable LED Digital Touch Pad Thermostat

- Touchpad interface controls basic functions
- Designed for simple operation



Manual Temperature and Fan Speed Dial Thermostat

- Straightforward design for controlling basic functions
- Allows for easy thermostatic control

for FCVE/FCVC only



Manual Temperature and Mode Dial Thermostat

- Designed for Packaged Terminal Units
- Simple to operate
- Provides basic control functions

for PTAC/PTHP only

PTAC



INNOVATIONS TO BOOST YOUR PTAC PERFORMANCE!

Breathe fresh with



- XstreamAir provides a big boost of ventilation air (15 to 50-cfm; factory adjustable)
- It eliminates the need for separate make-up air systems or uncontrolled window “trickle vents”
- Effective ventilation option that is more cost effective than centralized systems
- An easy path for code compliance
- Available accessory on all Ice Air PTAC, SPAC, FCU, WSHP, WCAC and Vertical Stack VRF products
- Chassis mounted switch to enable/disable fan operation
- Optional motorized damper for freeze protection (used with hot water heating applications)

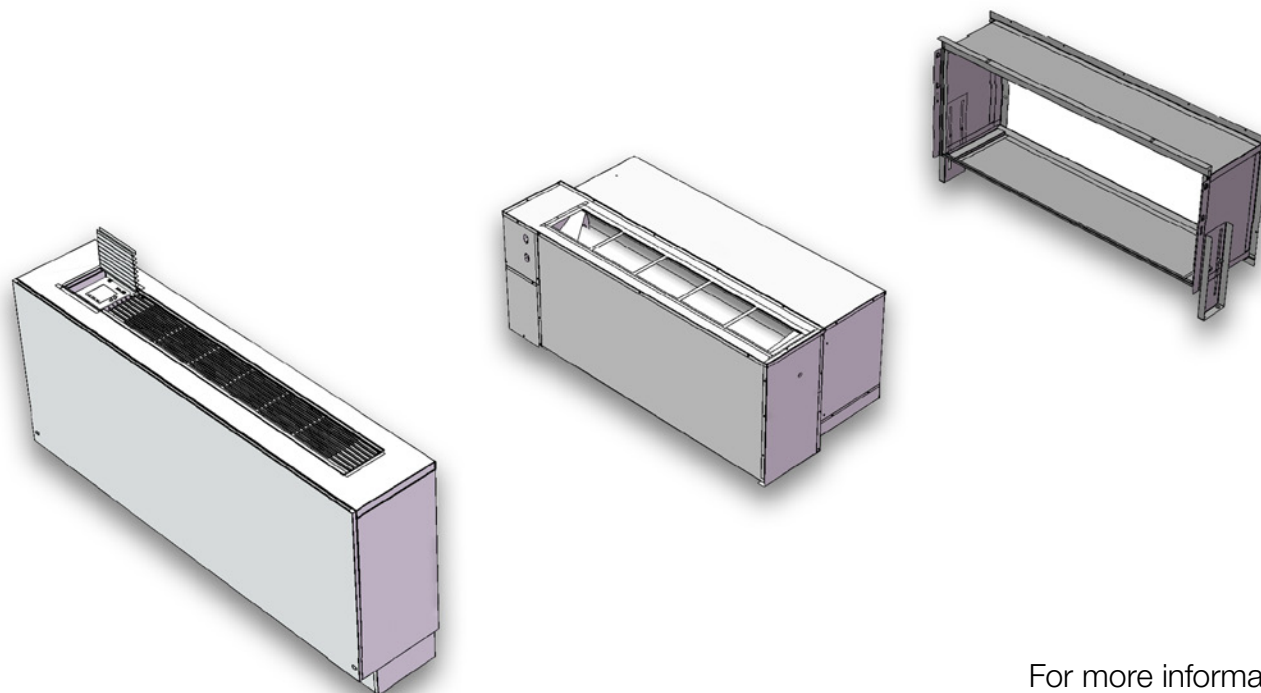
XstreamAir adds a fan assist module to the PTAC that provides filtered fresh air 24/7.

Enjoy peace and quiet with



- SoundShield keeps the noise out
- Proven Performance: OITC tested (Outdoor-to-Indoor Transmission Class) delivering the highest industry rating
- The SoundShield system incorporates a multi-layer firewall construction to the PTAC chassis to reduce ambient noise into the space.
- Approved for environmental remediation
- Improved seals and gaskets

SoundShield reduces outdoor to indoor noise transmission by ~10dB; cutting the sound transmission in half.



For more information visit www.ice-air.com or call **877-ICE-AIR-1**



Get Electrified Using Building Electrification and Ice Air

Whether driven by corporate policy or local greenhouse gas emission legislation, the movement to reduce carbon dioxide emissions – also known as decarbonization – is gaining momentum. As building owners explore ways to reduce reliance on fossil fuels and meet increasingly stringent environmental requirements, **building electrification** has emerged as a proven strategy for reducing emissions while increasing efficiency and lowering operating costs. Building electrification is the process of replacing existing technologies that rely on fossil fuels – such as space heating systems – with newer technologies such as heat pumps that use electricity as the energy source for both heating and cooling.

Numerous states around the U.S. – including California, New York, Washington DC, and others – have adopted regulatory policies aimed at reducing greenhouse gas emissions. Such regulations stress the role of electrification in decarbonizing the built environment and have wide-ranging implications for utilities, building engineers and architects, OEMs and building owners.

As an established HVAC original equipment manufacturer, Ice Air has been ahead of the of building electrification and decarbonization movement for decades. We're proud to leading the way and usher in a better tomorrow with innovative, reliable and efficient systems – all designed to help building owners make the transition to a greener, efficient and sustainable future.

Electrified Product Family



RSXC

Packaged Terminal Heat Pump

SPXC

Central Air Conditioner

HPWH

Heat Pump Water Heater - Domestic HW

VSHPG

Geothermal Vertical Stack Heat Pump



Due to Ice Air's ongoing product development programs, the information in this document is subject to change without notice.

Electrified Product Family



* By making energy-saving upgrades today, you can give your building a head start on upcoming changes to city regulations such as NYC Law 97.

RSXC Series*

Cold Climate PTHPs give you the performance of a VRF system with the convenience of a PTAC. Using breakthrough cold climate technology allows Ice Air PTHPs to efficiently provide space heating down to -5°F and below.



RSXC-S Series*

Ice Air's RSXC-S Series Cold Climate heat pumps offer a slim, sleek design and efficiently provide space heating to -5°F and below.



RSXC-DH Series*

RSXC-DH air source heat pumps are compact, with advanced, two-stage dual heating capabilities (partial cold climate operation down to 23°F then supplemental electric heat resistance for increased output).



SPXC Series*

Cold Climate SPHPs are self-contained, concealed, ducted systems. This line of vertical packaged heat pumps serves multiple spaces through concealed ductwork to efficiently provide space heating to -5°F and below.



HPWH Series*

Air-Source Cold Climate Heat Pump Water Heaters capture the free energy in the environment and convert it to hot water. These units are certified to operate down to -13°F.



HPWH-SC Series*

Air-Source Cold Climate heat pump chiller heaters capture free energy in the environment to provide both hot and chilled water. These units are certified to operate down to -13°F.



VSHPGE Geothermal*

Ice Air's Geothermal WSHP is a versatile geothermal heat pump that is available in a range of sizes and configurations for convenient installation. Fully compatible with geothermal conditions, it provides an ideal solution for whisper quiet cooling and heating within a tight footprint.



ICE AIR VRF

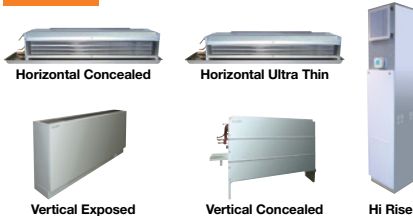
New technologies like Variable Refrigerant Flow (VRF) are on the move. There is no denying the benefits of VRF any longer, and with Ice Air VRF, these benefits are delivered simply and effectively.



Other Products

FCU

Fan Coil Units



This simple and easy cooling and heating solution provides reliable performance, high efficiency, ease of operation, low cost, easy installation, quiet comfort and a variety of solution-based options.

HWCAC

Hybrid Water-Cooled Air Conditioners



HWCACs provide hydronic heat without using the unit's compressor through an innovative system that combines high-efficiency cooling with a hot water coil.

WSHP

Water Source Heat Pumps



WSHPs provide efficient room-by-room comfort. Units function independently and are piped to a central water loop.

PTAC

Packaged Terminal Air Conditioners

PTACs are designed for ultra-high efficiency and comply with LEED® criteria in a durable, user-friendly package. Available for new construction, retrofit and ExactFit™ replacement applications.



NEW! Ice Air CEU Webinar

Learn more about the role HVAC electrification plays in building decarbonization today at www.iceairceu.com.



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