



**PTAC**

New Construction Unit

**RSNU**

Replacement and Retrofit Units

**RSAN**

**RS16**

**RSCM**

**RSEA**

**RSF**

**RSK**

**RSMK**

**RSZ**

Packaged Terminal  
Air Conditioner Unit  
Product Line

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## About ICE AIR

ICE AIR has over 45 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 AIRs state-of-the-art units come 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.

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# 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:

- ThermalGuard™ - eliminates heat transfer thorough wall sleeve casing
- 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





# New Construction



ICE AIRs RSNU line for new construction offers a durable, whisper-quiet solution with the highest energy efficiency available through the use of R-410A Green refrigerant. The RSNU incorporates advanced features that comply with LEED criteria and prioritizes energy savings, making it an ideal addition to new buildings. The RSNU's durable, user-friendly design is suited

to a wide variety of applications, providing balanced air flow and easily programmable settings.

ICE AIRs RSNU unit is the perfect solution for new construction in a durable and user-friendly package.

- 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

MODEL		5RSNU07	5RSNU09	5RSNU13	8RSNU07	8RSNU09	8RSNU13	8RSNU16	8RSNU18
Cooling	Capacity	7,700	9,700	12,600	7,700	9,700	12,600	14,400	16,400
	EER	12.0	12.0	11.4	12.0	12.0	11.4	10.5	9.5
Heating Capacity	Hot Water	16,500	16,500	16,500	16,500	16,500	16,500	19,400	19,400
	Steam	8,700	18,700	18,700	18,700	18,700	18,700	20,200	20,200
Voltage		115	115	115	208/230	208/230	208/230	208/230	208/230
Amperage		5.6	7.1	7.6	3.1	3.9	5.5	6.5	7.7
Watts		642	808	1,105	642	808	1,123	1,371	1,592
CFM Room Air	High	380	380	400	380	380	400	450	540
	Low	300	300	350	300	300	350	380	450
CFM Outside Air		60	60	60	60	60	60	60	60
CFM X Outside Air		110	110	110	110	110	110	110	110
Weight Net/Ship		113/129	117/133	124/138	117/133	117/133	124/138	132/148	141/157

ICE AIR ExactFit™ Packaged Terminal Air Conditioners (PTACs) are manufactured exclusively by ICE AIR to provide an “exact fit” replacement for original thru-wall cooling and heating equipment. ICE AIR PTACs are designed to fit into existing OEM wall sleeves and provide a simple slide-in retrofit for existing units.

ICE AIR PTACs ensure a high level of energy efficiency and incorporate advanced Green technology.

ICE AIR RS PTACs can replace all major OEM equipment, making installation a simple matter for existing units in multifamily residential buildings, hotels, nursing homes, health care facilities and other

commercial buildings. In addition to exceeding ASHRAE 90.1 standards, ICE AIR units are environmentally friendly, using R-410A non-ozone-depleting refrigerant and providing a superior level of energy efficiency. ICE AIR PTACs provide whisper-quiet sound levels and top-grade thermal and sound insulation.

## RSAN

# Replacement and Retrofit

### Replaces:

McQuay – PDNS, PGAN, N, NH

Singer – N, NH

Islandaire – N, NH, NE



MODEL		5RSAN07	5RSAN09	5RSAN13	8RSAN07	8RSAN09	8RSAN13	8RSAN15	8RSAN18
Cooling	Capacity	7,500	9,600	12,220	7,500	9,600	12,700	15,000	16,600
	EER	11.8	11.1	10.3	11.9	11.2	10.2	10.1	9.5
Heating Capacity	Hot Water	17,200	17,200	17,200	17,200	17,200	17,200	19,500	19,500
	Steam	18,700	18,700	18,700	18,700	18,700	18,700	20,200	20,200
Electric Heating Max.		1.5KW	1.5KW	3.0KW	1.5KW	1.5KW	3.0KW	3.0KW	3.0KW
Voltage		115	115	115	208/230	208/230	208/230	208/230	208/230
Amperage		5.5	7.5	10.3	3.0	4.1	6.0	7.1	8.5
Watts		636	865	1,186	630	857	1,245	1,485	1,766
CFM Room	Air High	350	400	450	350	400	450	475	525
	Air Low	245	280	315	245	280	315	333	368
	Heat High	245	280	315	245	280	315	333	368
	Heat Low	210	210	210	210	210	210	210	210
CFM Outside Air		60	60	60	60	60	60	60	60
CFM X Outside Air		110	110	110	110	110	110	110	110
Weight Net/Ship		113/129	117/133	117/133	113/129	117/133	117/133	132/148	141/157

## RS16

# Replacement and Retrofit

### 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



MODEL		5RS1613	8RS1609	8RS1613	8RS1618	7RS1609	7RS1613
Cooling	Capacity	12,200	9,300	12,600	16,200	9,300	12,200
	EER	8.4	8.9	8.2	8.2	8.9	8.4
Heating Capacity	Hot Water	15,500	15,500	15,500	15,500	15,500	15,500
	Steam	18,700	18,700	18,700	18,700	18,700	18,700
Electric Heat Max.		1.5KW	3.0KW	3.5KW	4.3KW	3.5KW	3.5KW
Voltage		115	208/230	208/230	208/230	277	277
Cooling	Amperage	10.3	4.0	5.9	8.6	3.0	4.3
	Watts	1,184	830	1,235	1,780	830	1,184
CFM Air	Hi Cool	430	400	430	450	400	430
	Lo Cool	301	280	301	315	280	301

## RSCM

# Replacement and Retrofit

### 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

MODEL		5RSCM09	5RSCM13	8RSCM09	8RSCM13	8RSCM18	7RSCM09	7RSCM13	7RSCM19
Cooling	Capacity	9,500	12,750	9,700	13,250	17,300	9,250	12,500	17,000
	EER	10.5	10	10.3	9.8	9.2	10.5	10	9.3
Heating Capacity	Hot Water	16,500	16,500	16,500	16,500	16,500	16,500	16,500	19,400
	Steam	18,700	18,700	18,700	18,700	18,700	18,700	18,700	20,000
Elec. Heating Capacity		1.5	1.5	1.5	3.5/4.3	3.5/4.3	1.5	3.5/4.3	3.5/4.3
Voltage		115	115	208/230	208/230	208/230	277	277	277
Amperage		7.4	10.9	4.2	6.4	9.0	3.0	4.4	6.6
Watts		848	1,250	874	1,325	1,880	826	1,214	1,828
CFM Air Hi Cool		370	370	370	430	480	370	430	480
Weight Net		113	117	113	124	141	117	124	141
Weight Shipped		129	133	129	138	157	133	139	157

## RSEA

# Replacement and Retrofit

### Replaces:

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



MODEL		5RSEA07	5RSEA09	5RSEA13	8RSEA09	8RSEA13	8RSEA18	7RSEA09	7RSEA13
Cooling	Capacity	7,250	9,000	12,100	9,300	12,150	16,300	9,000	12,100
	EER	9.4	9.1	8.4	8.9	8.3	8.0	9.1	8.4
Heating Capacity	Hot Water	16,500	16,500	16,500	16,500	16,500	19,400	16,500	16,500
	Steam	15,100	15,100	15,100	15,100	15,100	18,100	15,100	15,100
Electric Heating Max.		1.5KW	1.5KW	1.5KW	3.0KW	3.5KW	4.3KW	3.5KW	3.5KW
Voltage		115	115	115	208/230	208/230	208/230	277	277
Cooling	Amperage	5.3	6.9	10.1	4.0	5.6	8.6	2.9	4.2
	Watts	614	796	1,163	830	1,168	1,791	796	1,163
CFM Air	Hi Cool	370	370	370	370	370	430	370	370
	Lo Cool	260	260	260	260	260	260	260	260



# Replacement and Retrofit

**Replaces:**

Fedders – MaxiZone

Islandaire – MX

Retroaire – RC40



MODEL		5RSF13	8RSF13	8RSF16
Cooling	Capacity	12,100	12,100	14,300
	EER	9.5	9.6	9.5
Voltage		115	208/230	277
Cooling	Amperage	10.1	5.6	5.3
	Watts	1,163	1,163	1,474
CFM Air	Hi Cool	350	400	350
	Lo Cool	280	310	280

# Replacement and Retrofit

## Replaces:

Ice-Cap – RSK

Islandaire – RK

Retroaire – RC/RH22



MODEL		5RSK07	5RSK09	5RSK13	8RSK09	8RSK13	8RSK16	8RSK18	7RSK09	7RSK13
Cooling	Capacity	7,100	9,000	12,600	9,000	12,250	15,000	17,100	9,000	12,250
	EER	9.5	9	8.3	9	8.3	7.8	8	9	8.3
Heating Capacity	Hot Water	16,500	16,500	16,500	16,500	16,500	19,400	19,400	16,500	16,500
	Steam	18,700	18,700	18,700	18,700	18,700	20,200	20,200	18,700	18,700
Electric Heating Max.		1.5KW	1.5KW	1.5KW	3.0KW	3.5KW	4.3KW	4.3KW	3.5KW	3.5KW
Voltage		115	115	115	208/230	208/230	208/230	208/230	277	277
Cooling	Amperage	5.2	6.9	10.7	3.8	5.7	7.6	9.2	2.9	4.3
	Watts	597	796	1,235	796	1,189	1,579	1,921	796	1,189
CFM Air	Hi Cool	350	350	400	350	450	450	450	350	450
	Lo Cool	260	260	350	260	350	370	370	260	350
CFM	Outside Air	60	60	60	60	60	60	60	60	60
	Extra 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	117/132	117/133

# Replacement and Retrofit

**Replaces:**

Singer – K, EK

Remington – K, EK

McQuay – K, EK, RK

Ice-Cap – RSK/K, RSMK



MODEL		5RSMK09	5RSMK13	8RSMK13	8RSMK16	7RSMK09	7RSMK13
Cooling	Capacity	8,550	11,750	11,500	13,500	8,550	11,750
	EER	9.1	8.4	8.6	8	9.1	8.4
Heating Capacity	Hot Water	15,500	15,500	15,500	15,500	15,500	15,500
	Steam	18,700	18,700	18,700	18,700	18,700	18,700
Voltage		115	115	208/230	208/230	277	277
Cooling	Amperage	6.5	9.7	5.2	6.5	2.7	4.0
	Watts	750	1,119	1,085	1,350	750	1,119
CFM Air	Hi Cool	370	370	430	430	370	370
	Lo Cool	350	350	370	370	350	350

## RSZ

# Replacement and Retrofit

### Replaces:

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



MODEL		5RSZ09	5RSZ13	8RSZ09	8RSZ13	8RSZ18	7RSZ09	7RSZ13
Cooling	Capacity	9,400	12,800	9,300	12,750	16,300	9,200	12,800
	EER	9	8.2	9.1	8.2	8	8.9	8.3
Heating Capacity	Hot Water	16,500	16,500	16,500	16,500	19,400	16,500	16,500
	Steam	18,700	18,700	18,700	18,700	20,200	18,700	18,700
Electric Heat Max.		1.5KW	1.5KW	3.0KW	3.5KW	4.3KW	3.5KW	3.5KW
Voltage		115	115	208/230	208/230	208/230	277	277
Cooling	Amperage	7.3	10.9	4.0	6.0	8.6	3.0	4.5
	Watts	839	1,255	830	1,250	1,791	821	1,255
CFM Air	Hi Cool	370	370	370	430	430	370	370
	Lo Cool	260	260	260	330	330	260	260

# Customized Solutions



7-Day Programmable



nest



Wireless

## Made2Measure

ICE AIR Made2Measure customized HVAC solutions allow for customization of our units and accessories to meet your specific requirements.

## Efficient Programmable Control Options

Optional wall-mounted remote controls are available for all ICE AIR PTACs offering state-of-the-art controls that optimize user comfort and ease of

operation while minimizing energy consumption. Wireless and WiFi controls are available as well.

## How can we work with you?

Put your next replacement/retrofit project into the hands of the HVAC equipment specialists at ICE AIR! Looking for World Class Comfort®? ICE AIR delivers breakthrough products, service and savings. We guarantee that we will deliver a winning program of product excellence, unbeatable savings, industry-leading services and superior know-how on your next project.

Ever since our inception, we have been dedicated to maintaining superior performance, quality manufacturing and customer value. With over 45 years of project management experience, you can trust our adherence to demanding architectural and engineering requirements. Plus, with our strong focus on high quality, technology and efficiency, we will exceed your expectations for reliability and product value. And, with ICE AIR, on-time delivery and cost savings are built into every order!

Call ICE AIR today at

**877-ICE-AIR-1 (877-423-2471)** or

email us at **[sales@ice-air.com](mailto:sales@ice-air.com)**.



# Other Products

## FCU



Horizontal Concealed



Horizontal Ultra Thin



Vertical Concealed



Vertical Exposed



Hi Rise



In-Wall

### 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.

The FCIW is a cost-effective in-wall, heat only, built-in system that offers whisper quiet fan operation that is an ideal solution for residential spaces trying to conserve floor space.

Options include:

- 2-pipe and 4-pipe systems
- Customized valve packages
- Customized sheet metal

## HWAC



Console



Vertical Stack



Vertical Closet



Horizontal

### Hybrid Water-Cooled Air Conditioners

The HWCAC is an innovative system that combines high-efficiency cooling with a hot water coil that provides hydronic heat without using the unit's compressor. When coupled with a highly efficient condensing boiler, these units provide the most cost-effective and efficient method of space heating for multi-family buildings.

## SPAC/HP



### Single Packaged Air Conditioner/Heat Pumps

As a unique air-to-air system, SPAC/HPs that provides versatility with ultra-quiet operation. The SPAC/HP is designed to cool and heat single or multiple spaces within multi-family, lodging, dormitory or light commercial buildings.

## WSHP



Console



Vertical Stack



Vertical Closet



Horizontal

### Water Source Heat Pumps

WSHPs are combination heating and cooling units that provide efficient room-by-room comfort. Units function independently and are piped to a central water loop. These state-of-the-art units come with user friendly digital controls designed to optimize user comfort and ease of operation.





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