



NEW CONSTRUCTION

PTAC

PACKAGED TERMINAL AIR CONDITIONER



ADVANCED GREEN TECHNOLOGY



HiSPEC™



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About ICE AIR

ICE AIR has over 40 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, environmentally sound Green refrigerant, and provides world-class comfort at high efficiency levels, meeting environmental standards and promoting a healthy environment.

OVERVIEW

ADVANCED GREEN TECHNOLOGIES



ICE AIR's PTACs set the standard for environmentally friendly HVAC equipment. We use R-410A, non-ozone-depleting refrigerant, throughout all of our product lines. And, our advanced digital controls achieve optimum user comfort while saving energy, ensuring that our products safeguard the environment, inside the building and out.



INDUSTRY BEST SOUND LEVELS



ICE AIR's commercial grade units utilize the highest quality materials and manufacturing practices in order to provide years of whisper quiet and cost-effective operation. Advanced compressor isolation technology, top grade thermal and sound insulation and right-sized air handling components provide low sound levels while achieving optimum comfort.

HIGH LEVELS OF ENERGY EFFICIENCY



ICE AIR manufactures the highest efficiency PTACs on the market, with EERs to 12.0. As a member of the USGBC (Green Building Council), we are committed to delivering highly efficient comfort conditioning equipment that provides multiple benefits to our customers – including lower operating costs, enhanced LEEDs points and a healthy environment.



PROJECT SUPPORT



Throughout the entire new construction planning and building process, ICE AIR's project management team is with you along the way. Our expertise is in finding the right solutions for heating and cooling systems for each specific project that will be cost-effective, easy to install and provide a lifetime of efficient service.

NEW CONSTRUCTION EXPERIENCE



ICE AIR's staff has decades of new construction experience. We know that the right equipment and timely deliveries are key for successful projects. For additional product flexibility, look to our Made2Measure option – custom-built equipment for any space requirement. To learn more about Made2Measure, see page 14.



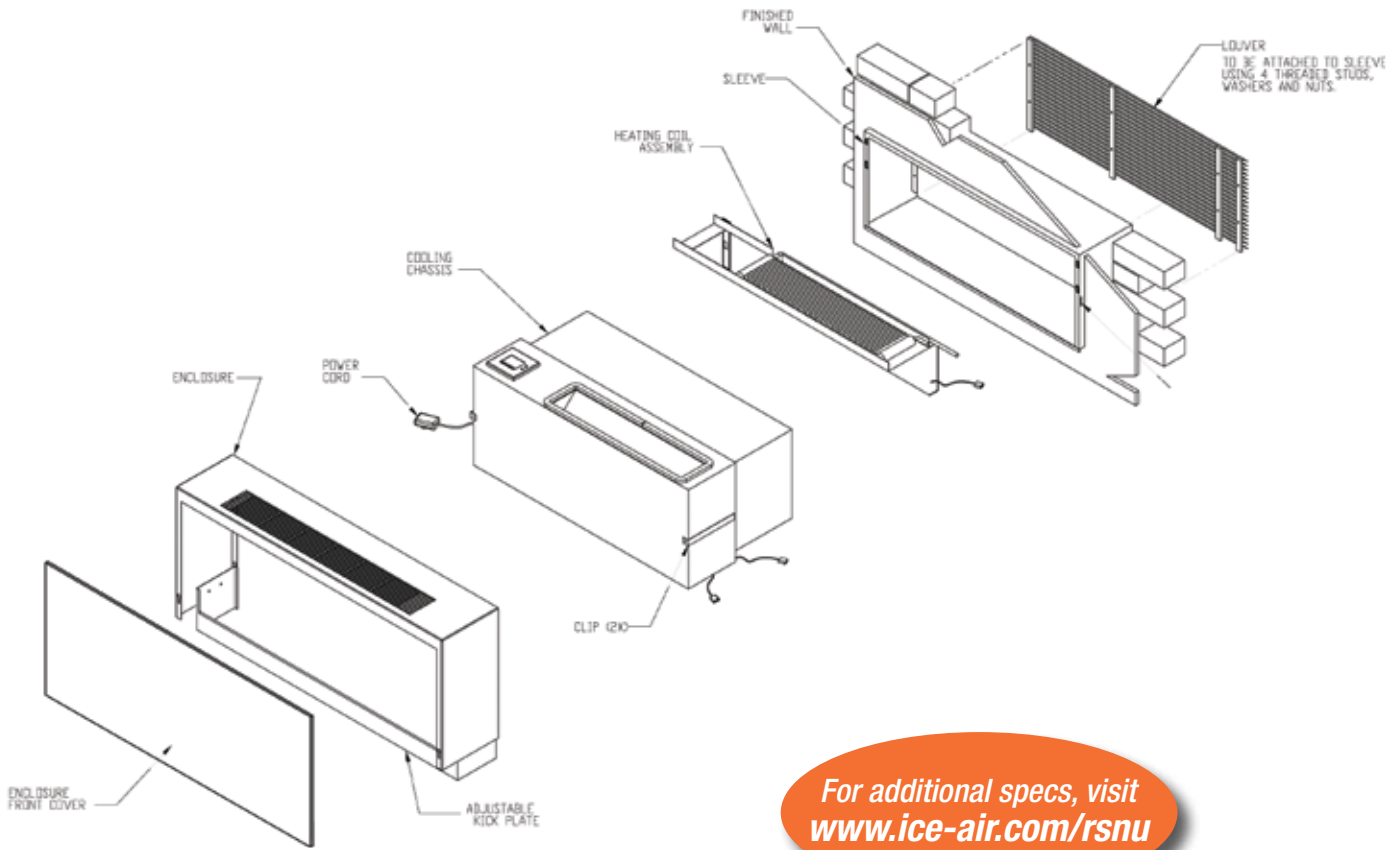
CODE & STANDARD COMPLIANCE



ICE AIR is committed to producing only the highest quality products that meet all UL standards and conform to ASHRAE 90.1, local building codes and energy standards. All of our products are ETL-listed for safety in the U.S. and Canada.



RSNU **"DURABLE, ULTRA-HIGH EFFICIENCY PTACS"**



For additional specs, visit www.ice-air.com/rsnu

FEATURES AND BENEFITS

ICE AIR's RSNU Series New Construction units are the highest energy efficient PTACs available. Designed from the ground up for ultra-high efficiency, they incorporate advanced LEEDs features 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
- Qualifies for NYSERDA and other utility and government rebates and credits*
- Heavy duty, commercial-grade construction throughout

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

Optional Spec Items

- Thermal Break Wall Sleeve – minimizes exterior / interior heat transfer
- XOA (Extra Outside Air) Module – up to 150 cfm of filtered, tempered outside air eliminates need for separate make up air equipment
- OITC Construction – the highest rated (36 STC) unit minimizes sound transmission through the PTAC unit

For additional control options, see page 10.

For a full range of accessory components, see page 11.

For custom options, see **Made2Measure**, page 14.

* Check with your local utility or government agency for rebate availability and guidelines

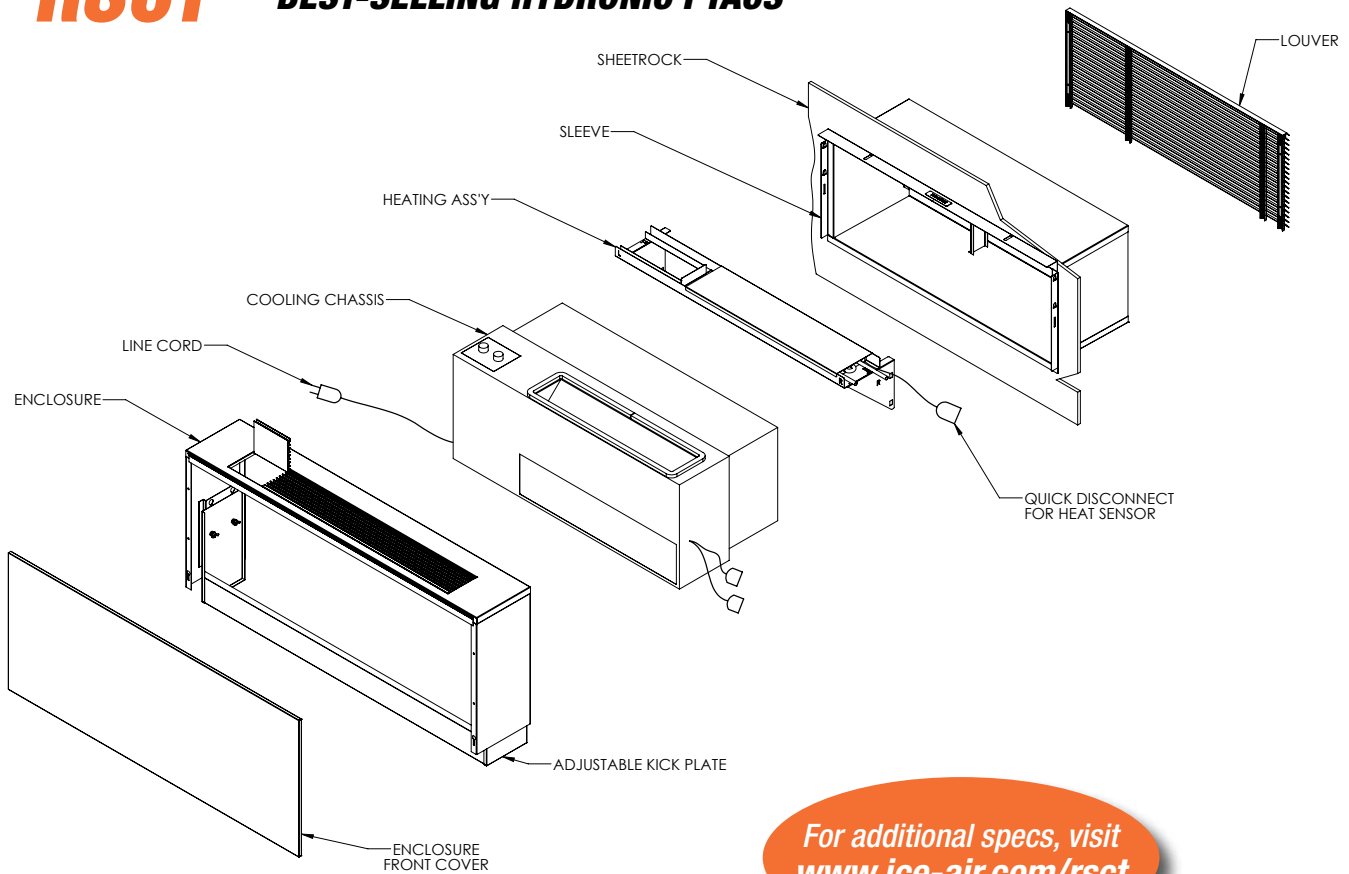


| SERIES MODEL # | 5RSNU07 | 5RSNU09 | 5RSNU13 | 8RSNU09 | 8RSNU13 | 8RSNU15 | 8RSNU18 |
|---------------------------------|---------|---------|---------|---------|---------|---------|---------|
| COOLING CAPACITY* | 7,700 | 9,700 | 12,800 | 9,700 | 12,800 | 14,400 | 16,400 |
| EER | 12 | 12 | 11.4 | 12 | 11.4 | 10.5 | 10.3 |
| HEATING CAPACITY (HOT WATER) ** | 16,500 | 16,500 | 16,500 | 16,500 | 16,500 | 19,400 | 19,400 |
| HEATING CAPACITY (STEAM) *** | 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 |
| AMPERAGE | 5.5 | 7.1 | 9.9 | 3.9 | 5.5 | 6.5 | 7.7 |
| WATTS | 633 | 808 | 1,123 | 808 | 1,123 | 1,333 | 1,592 |
| CFM ROOM AIR HIGH | 380 | 380 | 400 | 380 | 400 | 450 | 540 |
| CFM ROOM AIR LOW | 300 | 300 | 350 | 300 | 350 | 380 | 450 |
| CFM OUTSIDE AIR (4) | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| CFM X OUTSIDE AIR (4) | 110 | 110 | 110 | 110 | 110 | 110 | 110 |
| WEIGHT NET/SHIP | 113/129 | 117/133 | 124/138 | 117/133 | 124/138 | 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.
- 4: OPTIONAL: CAN BE MOTORIZED.

RSCT "BEST-SELLING HYDRONIC PTACS"



For additional specs, visit www.ice-air.com/rsct

FEATURES AND BENEFITS

ICE AIR's versatile high efficiency RSCT Series PTACs offer outstanding value for new construction and major retrofit projects. When your project requirements exceed the norm, RSCT's unique optional features, including patented extra ventilation and ultra-low sound transmission capabilities, stand apart from the crowd. The RSCT is an exceptionally durable machine that has evolved for over 40 years into a state-of-the-art product.

- High efficiency – EERs to 11.0
- Lowest life cycle cost of any PTAC available
- Whisper quiet construction – dual blower wheels, heavy duty sound insulation
- Time-tested durability (more than 500,000 units installed – many continue to run after 30 years)
- Manual changeover controls are standard
- 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

Optional Spec Items

- Thermal Break Wall Sleeve – minimizes exterior / interior heat transfer
- XOA (Extra Outside Air) Module – up to 150 cfm of filtered, tempered outside air eliminates need for separate make up air equipment
- OITC Construction – the highest rated (36 STC) unit minimizes sound transmission through the PTAC unit

For additional control options, see page 10.

For a full range of accessory components, see page 11.

For custom options, see **Made2Measure**, page 14.



| SERIES MODEL # | 5RSCT07 | 5RSCT09 | 5RSCT13 | 8RSCT09 | 8RSCT13 | 8RSCT16 | 8RSCT18 |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|
| COOLING CAPACITY* | 8,100 | 9,600 | 12,750 | 9,600 | 13,500 | 15,250 | 17,540 |
| EER | 11.0 | 10.5 | 10.0 | 10.5 | 10.0 | 9.3 | 9.3 |
| HEATING CAPACITY (HOT WATER)** | 16,500 | 16,500 | 16,500 | 16,500 | 16,500 | 19,400 | 19,400 |
| HEATING CAPACITY (STEAM)*** | 18,700 | 18,700 | 18,700 | 18,700 | 18,700 | 20,200 | 20,200 |
| ELECTRIC HEATING MAX. (KW) | 1.50 | 1.50 | 1.50 | 1.50 | 3.00 | 3.00 | 3.00 |
| VOLTAGE | 115 | 115 | 115 | 208/230 | 208/230 | 208/230 | 208/230 |
| AMPERAGE | 6.50 | 8.00 | 11.00 | 4.4 | 6.50 | 8.0 | 9.0 |
| WATTS | 740 | 910 | 1,270 | 910 | 1,350 | 1,640 | 1,880 |
| CFM ROOM AIR HIGH | 350 | 350 | 400 | 350 | 450 | 450 | 450 |
| CFM ROOM AIR LOW | 260 | 260 | 350 | 260 | 350 | 370 | 370 |
| CFM ROOM HEAT HIGH | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| CFM ROOM HEAT LOW | 200 | 200 | 200 | 200 | 220 | 220 | 220 |
| CFM OUTSIDE AIR (4) | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| CFM X OUTSIDE AIR (4) | 110 | 110 | 110 | 110 | 110 | 110 | 110 |
| WEIGHT NET/SHIP | 113/129 | 117/133 | 117/133 | 117/133 | 117/133 | 132/148 | 141/157 |

SPECIFICATION NOTES:

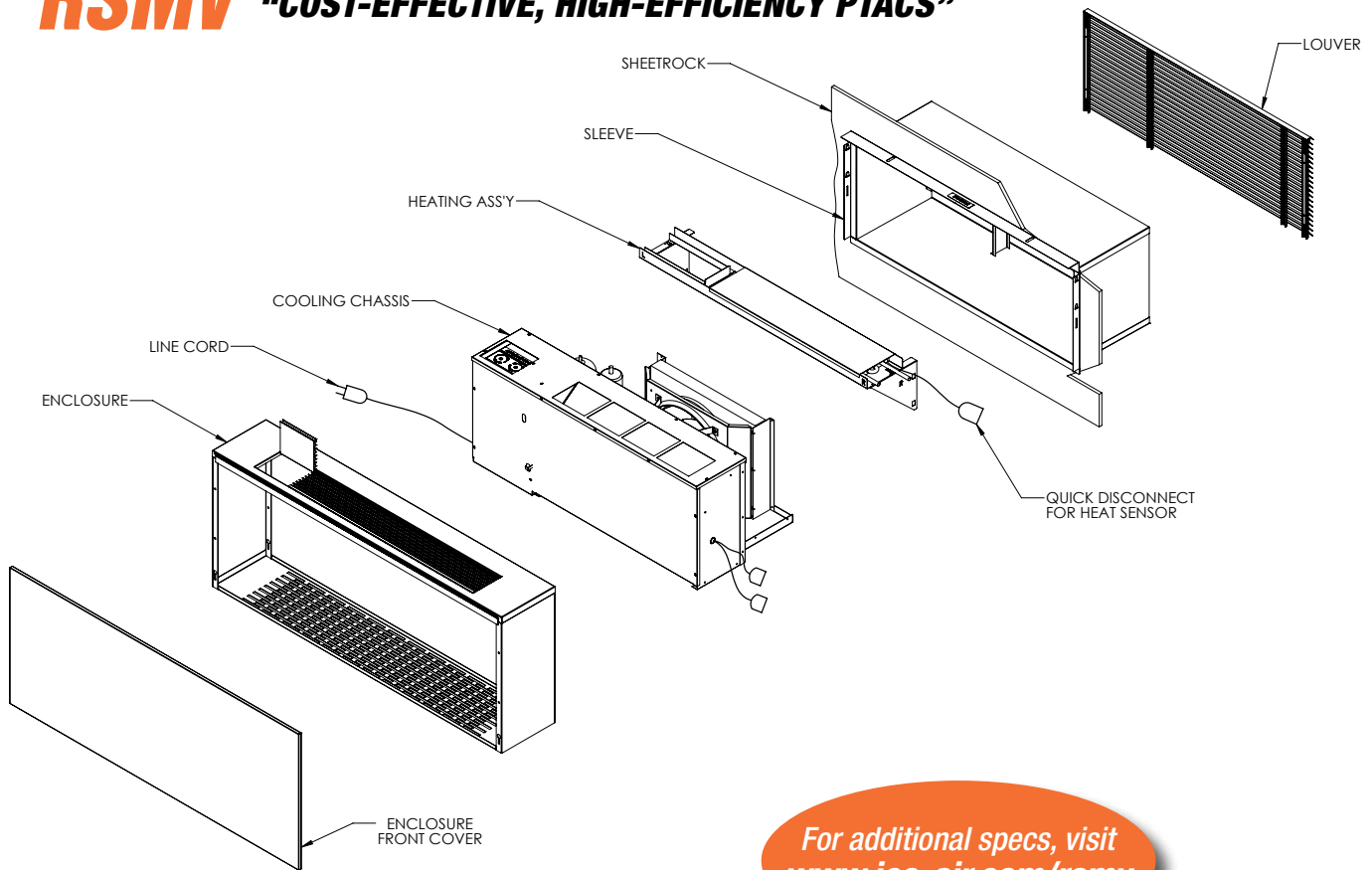
1: * = BTUH @ 80°F. DB/67 °F. WB INDOORS; 95°F. DB OUTDOORS.

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.

4: OPTIONAL: CAN BE MOTORIZED.

RSMV "COST-EFFECTIVE, HIGH-EFFICIENCY PTACS"



For additional specs, visit www.ice-air.com/rsmv

FEATURES AND BENEFITS

ICE AIR's brand new RSMV Series PTACs offer a unique combination of high quality and efficiency in a very cost-effective package. Built to the same uncompromising standards as our RSCT and RSNU equipment, we've engineered the RSMV to deliver high efficiency, durability and performance at a lower price point. An excellent option for residential and lodging projects, the RSMV compares favorably to commoditized PTAC offerings, providing superior efficiencies and performance at a competitive price.

- High efficiency – EERs to 11.0
- Superior sound levels – heavy duty sound insulation
- Available with hydronic heat (pictured), heat pump and electric heat options
- Manual changeover controls are standard
- 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

Optional Spec Items

- Thermal Break Wall Sleeve – minimizes exterior / interior heat transfer
- XOA (Extra Outside Air) Module – up to 150 cfm of filtered, tempered outside air eliminates need for separate make up air equipment
- OITC Construction – the highest rated (36 STC) unit minimizes sound transmission thru the PTAC unit

For additional control options, see page 10.

For a full range of accessory components, see page 11.

For custom options, see **Made2Measure**, page 14.



| SERIES MODEL # | 5RSMV07 | 5RSMV09 | 5RSMV13 | 8RSMV09 | 8RSMV13 | 8RSMV16 | 8RSMV18 |
|--------------------------------|---------|---------|---------|---------|---------|---------|---------|
| COOLING CAPACITY* | 8,100 | 9,600 | 12,750 | 9,600 | 13,500 | 15,250 | 17,540 |
| EER | 11.0 | 10.5 | 10.0 | 10.5 | 10.0 | 9.3 | 9.3 |
| HEATING CAPACITY (HOT WATER)** | 16,500 | 16,500 | 16,500 | 16,500 | 16,500 | 19,400 | 19,400 |
| HEATING CAPACITY (STEAM)*** | 18,700 | 18,700 | 18,700 | 18,700 | 18,700 | 20,200 | 20,200 |
| ELECTRIC HEATING MAX. (KW) | 1.50 | 1.50 | 1.50 | 1.50 | 3.00 | 3.00 | 3.00 |
| VOLTAGE | 115 | 115 | 115 | 208/230 | 208/230 | 208/230 | 208/230 |
| AMPERAGE | 6.50 | 8.00 | 11.00 | 4.4 | 6.50 | 8.0 | 9.0 |
| WATTS | 740 | 910 | 1,270 | 910 | 1,350 | 1,640 | 1,880 |
| CFM ROOM AIR HIGH | 350 | 350 | 400 | 350 | 450 | 450 | 450 |
| CFM ROOM AIR LOW | 260 | 260 | 350 | 260 | 350 | 370 | 370 |
| CFM ROOM HEAT HIGH | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| CFM ROOM HEAT LOW | 200 | 200 | 200 | 200 | 220 | 220 | 220 |
| CFM OUTSIDE AIR (4) | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| CFM X OUTSIDE AIR (4) | 110 | 110 | 110 | 110 | 110 | 110 | 110 |
| WEIGHT NET/SHIP | 113/129 | 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.
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- 3: *** = BTUH @ 2 PSIG STEAM & 65°F. E.A.T.
- 4: OPTIONAL: CAN BE MOTORIZED.

ACCUZONE™ ADVANCED CONTROLS

ICE AIR's controls are designed for ease of use and efficiency. Unit-mounted controls are standard (accessed through an attractive brushed aluminum control door). Optional wall mounted remote controls are available for all of our PTACs.

Features:

- Hard-wired with selectable Fahrenheit/Celsius readout with accuracy of +/-1°F
- Temperature set point range is 51°-91°F (10.6°-32.7°C)
- Large, clear backlit display that is easy to read in various lighting conditions



MANUAL CONTROLS

- Six-position mode switch (Off – Heat – Hi Cool – Low Cool – Vent – Exhaust)
- Unit-mounted rotary control thermostat
- Standard low temperature control activates motorized heating control valve below 45°F
- Dual freezestats to prevent compressor and heating coil damage



STANDARD DIGITAL TOUCHPAD

- User-friendly touchpad and readout
- Precise temperature control
- Multiple fan speed options
- LCD display
- LEEDs compliant Night Setback feature



7 DAY PROGRAMMABLE

- 5/2 or 7 day programs for highest efficiency
- Factory or field set temperature limits
- Large clear display – in any lighting condition
- Auto Changeover Mode
- Easy to program



WIRELESS THERMOSTAT

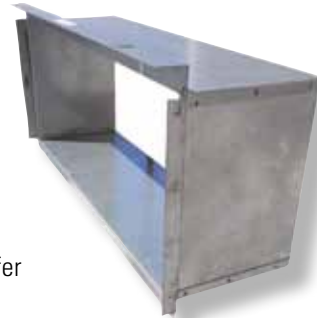
- Easy programming
- Settings for morning, day, evening and night
- Clear backlit display readable in any lighting condition
- Auto changeover mode
- Optional remote temperature sensor is available

For additional control options, including BMS, EMS and Internet Controls – please consult ICE AIR's sales representatives.

ACCESSORIES

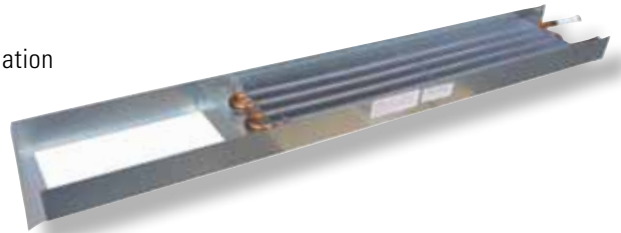
WALL SLEEVES

- Heavy duty galvanized steel construction
- Custom depths available
- Available for all wall types, including masonry, panel walls, EIFS and other built-up walls
- Powder coating for additional corrosion resistance
- Optional patented thermal break wall sleeves to eliminate exterior heat transfer



HYDRONIC HEATING ASSEMBLIES

- Available for Hot Water or Steam Systems
- Left-hand, right-hand or opposite supply and return available
- Factory mounted in a snap-in cradle assembly for quick installation
- Steel cover protects against job site damage
- Factory mount motorized valve (optional)
- Heat-even coils improve thermal efficiency
- Factory tested to 300 PSI



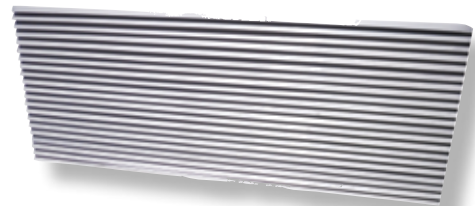
MOTORIZED VALVES

- Normally Open or Normally Closed
- Pop top actuators
- Sweat connection standard
- Different voltages available
- Two-way or three-way



LOUVERS

- Heavy gauge aluminum construction
- Clear anodized, standard or custom colors available
- Interior mounted through wall sleeve
- Shipped with hardware kit
- Custom louver configurations available



ROOM ENCLOSURES

- Heavy duty construction
- Powder-coated furniture-grade steel
- Standard or optional custom colors available
- Custom height kick plates
- Optional bottom grill or front intake
- Handsome brushed aluminum no-rust discharge grill and matching control door



Check out our other
product lines for
**NEW CONSTRUCTION,
REPLACEMENT
& RETROFIT**

FAN COIL UNITS

Fan Coil Units provide superior whisper quiet, energy efficient performance. And, they are guaranteed to lower installation and operating costs on your new construction, retrofit or renovation projects. They are available in a variety of coil configurations to offer heating and cooling to a variety of spaces. Our FCUs are available as freestanding cabinet units (Vertical Exposed), or can be mounted inside walls (Vertical Concealed), in the ceiling (Horizontal Concealed and Horizontal Concealed – Ultra Thin), or in other locations.

Features:

- Available in 2-pipe, 4-pipe, DX
- Optional piping packages
- Direct replacement for: IEC®, Carrier®, Trane® and others



HORIZONTAL CONCEALED



VERTICAL EXPOSED

STACK

Stack Fan Coil Units are applicable for new construction, retrofit and renovation projects. They feature whisper quiet operations and are available in 2-pipe, 4-pipe and DX configurations.

Optional riser and piping packages are also available.

Features:

- Smallest footprint in industry
- Industry's best sound levels
- Available with factory piping packages and risers
- We include standard features that many other manufacturers provide as additional options



HI-RISE STACK

Check out our other
product lines for
**NEW CONSTRUCTION,
REPLACEMENT
& RETROFIT**

WATER SOURCE HEAT PUMPS

CONSOLE

WATER SOURCE HEAT PUMP (WSHP) units are combination cooling and heating units which provide an efficient room-by-room source for comfort conditioning. Units function independently and are piped to a central water loop. These state-of-the-art units come with digital controls designed to optimize user comfort and ease of operation. WSHPs are designed to provide years of trouble-free operation and reliable performance in multi-family housing, hotels/motels, commercial buildings and more. Units are designed for new construction, retrofit and replacement applications.

Features:

- R410A Green refrigerant
- High levels of energy efficiency
- Industry's best sound levels
- Replaces Singer®, McQuay®, Climate Master®, Trane®, Carrier® and others
- Available with factory piping packages
- We include standard features that many other manufacturers provide as additional options



VERTICAL WSHP

HORIZONTAL AND VERTICAL STACK

Intended for new construction or retrofit applications, each unit offers superior performance and quality. They are designed to provide years of trouble-free operation and reliable performance in commercial, industrial and multifamily buildings.



HORIZONTAL WSHP

The trade names and marks shown are the property of their respective owners.



Typical "Made2Measure" installation replacing obsolete units, piping and cabinets.



Let **ICE AIR's** new **Made2Measure** customized HVAC solutions make your new construction and renovation projects simpler and more efficient than ever!

Now, in addition to our standard lines of Packaged Terminal Air Conditioners (PTAC), Water Source Heat Pumps (WSHP) and Fan Coil Units (FCU), we will **customize our units and accessories to meet specialized requirements** for your building project.

All of **ICE AIR's** products offer superior performance, quality manufacturing and customer value. Our units utilize **state-of-the-art digital controls**, which optimize user comfort and ease of operations, while minimizing energy consumption. They provide many **years of trouble-free operation and reliable performance** in multi-family housing, hotels/motels and similar buildings. **ICE AIR's** products are **whisper quiet**, and are guaranteed to lower installation and operating costs on new construction, retrofit or renovation projects.

PACKAGED TERMINAL AIR CONDITIONERS (PTACs)



- Custom Room Enclosures
- Custom Depth / Configuration Wall Sleeves
- Multiple Heat Options – Electric, Hydronic, Heat Pump
- Wide Range of Control Options including BMS Interface and Wireless Controls
- Pre-Piped Hydronic Packages
- Custom Louvers and Grilles
- Custom Duct Kits
- Patented Thermal Break Wall Sleeves
- Patented XOA Extra Outside Air – up to 120 CFM
- Patented "STC" package for low sound transmission

WATER SOURCE HEAT PUMPS (WSHPs)



- Custom Room Enclosures
- Optional Supplemental Electric Heat
- Multiple Control Options
- Outside Air Kits
- Custom Factory Piping Packages
- Riser Packages
- Universal Left-Hand or Right-Hand Ready Piping Inlets

FAN COIL UNITS (FCUs)



- 2-pipe, 4-Pipe, or DX Configurations Available
- Custom Room Enclosures
- Optional Supplemental Electric Heat
- Multiple Control Options, from Manual Changeover to Wireless Programmable
- Outside Air Kits
- Custom Factory Piping Packages
- Riser Packages
- Custom Configurations to Replace Old & Obsolete Units

REPLACEMENT & RETROFIT

ExactFit™ PTAC EQUIPMENT

QUALITY, VALUE AND PERFORMANCE. ICE AIR's ExactFit™ PTACs offer superior performance, quality manufacturing and customer value. These deliverables set the standard for ICE AIR as the best choice for replacement volume users such as residential buildings, hotels, dormitories, medical facilities and more. With state-of-the-art technology, ICE AIR delivers the full complement of performance excellence, including:

- Reliability
- Energy efficiency
- Ease of operation
- Low cost, easy installation
- Quiet comfort
- Compact, aesthetic design
- Customization options

HOW CAN WE WORK WITH YOU?

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

The HVAC pros at ICE AIR are dedicated to maintaining superior performance, quality manufacturing and customer value. With 40 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.



From left: Tom Glass, Director of National Accounts, Ric Nadel, Co-CEO and Mo Siegel, Co-CEO.

CALL
or **EMAIL** us for
a catalog!





ICE AIR

World Class Comfort™

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