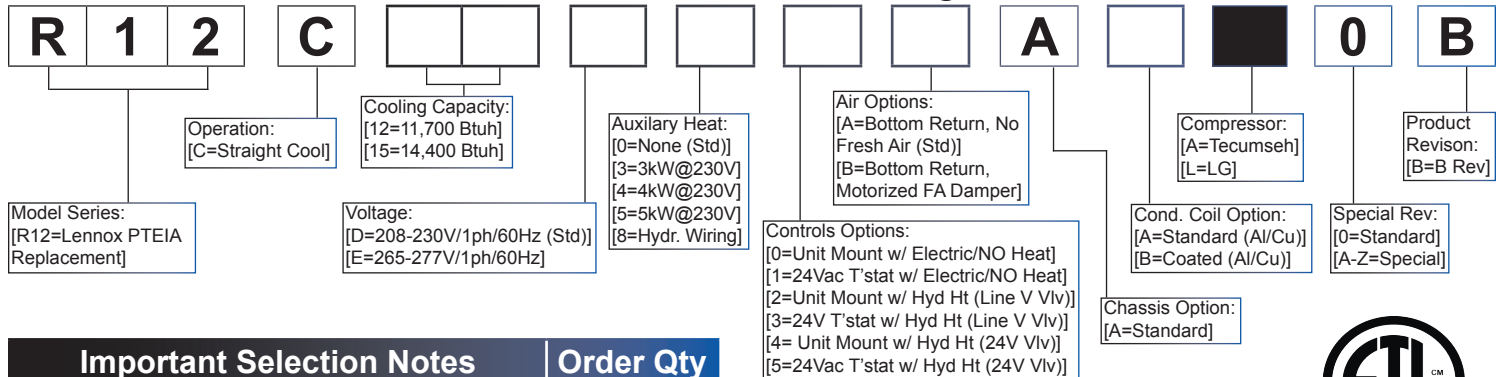


Specifications & Submittal Sheet

Replacement R12 Series Horizontal PTACs & PTHPs

R12 Series Model Decoding:



Important Selection Notes

- Htr #3/4 available on 265V, see p2 for output
- 24Vac Remote thermostat sold separately
- Wall sleeve not a direct replacement for existing sleeves, requires field modification

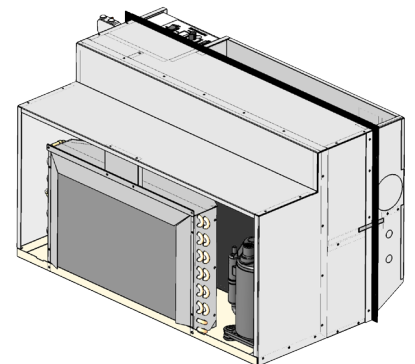
Order Qty

Please indicate the quantity of any field-installed accessory, desired for each unit

| | |
|--|---|
| Thermostat, Single-Stage, 1-Heat/1-Cool, 24Vac, Programmable, ICM, Manual Changeover (PN 240008208) | Kit, Wall Sleeve, R12 [Field modification req'd] (PN 109009128) |
| Thermostat, 2-Stage, 2-Heat/2-Cool, 24Vac, Programmable, ICM, Manual Changeover (PN 240008209) | Kit, Aquastat, Hydronic Heat, Hot Water Sensor-Relay [Energizes Fan] (PN 550000383) |
| Thermostat, Single-Stage, 1-Heat/1-Cool, 24Vac, Programmable, ICM, Auto Changeover (PN 240008210) | Isolation Ball Valve, 1/2", Sweat Connections (PN 107000001) |
| Thermostat, T9000, Wireless, Battery, Single Stage, 1-Ht/1-CI, 5/2-Prog, MCO [#240009905 also required] (PN 240009781) | Kits, Water Valves, w/ Actuator, 2/3-Way, Line/24Vac, NO/NC, Sweat (PN Several-Consult Factory) |
| Remote Control Node, T9000, Printed Circuit Board, Wireless, 24Vac, 1/unit req'd [#240009781 also required] (PN 240009905) | |

DOE Performance Data (Tested to AHRI 310/380)

| Model | Cooling Btuh (kW) | Sensible Heat Ratio | EER | Outdoor Sound dB(A) | Fresh Air Inlet CFM (L/S) | Indoor | |
|---------|-------------------|---------------------|-----|---------------------|---------------------------|-------------------|-------------|
| | | | | | | Airflow CFM (L/S) | Sound dB(A) |
| R12C12A | 11,900 (3.5) | 0.66 | 8.4 | 69 | 50 (24) | 400 (189) | 62 |
| R12C12D | 11,700 (3.4) | | | | | 350 (165) | |
| R12C12E | 11,700 (3.4) | | | | | 440 (208) | |
| R12C15D | 14,400 (4.2) | 0.69 | 7.8 | 70 | 60 (28) | 400 (189) | 62 |
| R12C15E | 14,400 (4.2) | | | | | 450 (212) | |



To: _____
 Date: _____
 From: _____
 Contact: _____

Project: _____
 Customer: _____
 Location: _____
 Engineer: _____
 Unit Tag# _____

For Your: ☐ Reference

☐ Approval

☐ Construction

Electrical, Dimensional and Miscellaneous Specifications



















R12C12 - Electrical Data

| Power Supply | | Compressor | | ID Fan Motor | | OD Fan Motor | | Electric Heat | | | | Unit Electrical Ratings | | | | |
|-------------------|-------|------------|-----|--------------|------|--------------|------|---------------|-------|-------|-------|-------------------------|------|------|------|-------|
| Voltage | Min V | RLA | LRA | FLA | Hp | FLA | Hp | Htr # | Htr V | Htr W | Htr A | TCA | THA | MCA | MOCP | Power |
| 208-230V/1ph/60Hz | 197 | 5.6 | 29 | 0.6 | 0.08 | 0.71 | 0.09 | 0 | N/A | N/A | N/A | 6.9 | N/A | 8.3 | 15 | 6-15P |
| | | | | | | | | 3 | 208 | 2454 | 11.8 | | 12.4 | 15.5 | 20 | 6-20P |
| | | | | | | | | | 230 | 3000 | 13.0 | | 13.6 | 17.1 | | |
| | | | | | | | | 4 | 208 | 3271 | 15.7 | | 16.3 | 20.4 | 25 | 6-30P |
| | | | | | | | | | 230 | 4000 | 17.4 | | 18.0 | 22.5 | | |
| | | | | | | | | 5 | 208 | 4089 | 19.7 | | 20.3 | 25.3 | 30 | 6-30P |
| | | | | | | | | | 230 | 5000 | 21.7 | | 22.3 | 27.9 | | |
| 265V/1ph/60Hz | 240 | 4.6 | 20 | 0.67 | 0.08 | 0.71 | 0.09 | 0 | N/A | N/A | N/A | 6.0 | N/A | 7.1 | 15 | 7-20P |
| | | | | | | | | 3 | 265 | 3983 | 15.0 | | 15.7 | 19.6 | 20 | 7-20P |
| | | | | | | | | 4 | 265 | 5310 | 20.0 | | 20.7 | 25.9 | 30 | 7-30P |

R12C15 - Electrical Data

| Power Supply | | Compressor | | ID Fan Motor | | OD Fan Motor | | Electric Heat | | | | Unit Electrical Ratings | | | | |
|-------------------|-------|------------|-----|--------------|------|--------------|------|---------------|-------|-------|-------|-------------------------|------|------|------|-------|
| Voltage | Min V | RLA | LRA | FLA | Hp | FLA | Hp | Htr # | Htr V | Htr W | Htr A | TCA | THA | MCA | MOCP | Power |
| 208-230V/1ph/60Hz | 197 | 7.4 | 33 | 0.6 | 0.08 | 0.71 | 0.09 | 0 | N/A | N/A | N/A | 8.7 | N/A | 10.6 | 15 | 6-15P |
| | | | | | | | | 3 | 208 | 2454 | 11.8 | | 12.4 | 15.5 | 20 | 6-20P |
| | | | | | | | | | 230 | 3000 | 13.0 | | 13.6 | 17.1 | | |
| | | | | | | | | 4 | 208 | 3271 | 15.7 | | 16.3 | 20.4 | 25 | 6-30P |
| | | | | | | | | | 230 | 4000 | 17.4 | | 18.0 | 22.5 | | |
| | | | | | | | | 5 | 208 | 4089 | 19.7 | | 20.3 | 25.3 | 30 | 6-30P |
| | | | | | | | | | 230 | 5000 | 21.7 | | 22.3 | 27.9 | | |
| 265V/1ph/60Hz | 240 | 6.0 | 28 | 0.67 | 0.08 | 0.71 | 0.09 | 0 | N/A | N/A | N/A | 7.4 | N/A | 8.9 | 15 | 7-20P |
| | | | | | | | | 3 | 265 | 3983 | 15.0 | | 15.7 | 19.6 | 20 | 7-20P |
| | | | | | | | | 4 | 265 | 5310 | 20.0 | | 20.7 | 25.9 | 30 | 7-30P |

Electrical Plug Configurations

| VOLTAGE | LINE NO. | 15 AMPERE | | 20 AMPERE | | 30 AMPERE | |
|---------|----------|---|---|---|---|---|---|
| | | RECEPTACLE | PLUG | RECEPTACLE | PLUG | RECEPTACLE | PLUG |
| 125V | 5 | 5-15R  | 5-15P  | 5-20R  | 5-20P  | 5-20R  | 5-30P  |
| 250V | 6 | 6-15R  | 6-15P  | 6-20R  | 6-20P  | 6-30R  | 6-30P  |
| 277V | 7 | 7-15R  | 7-15P  | 7-20R  | 7-20P  | 7-30R  | 7-30P  |

Operating Range

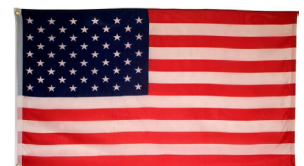
| Mode | | OD Amb. Temp | ID Amb. Temp |
|---------|-----|-----------------|----------------|
| Cooling | Max | 117°F (47°C) DB | N/A |
| | Min | 32°F (0°C) DB | 60°F (19°C) DB |

Miscellaneous Product Data

| | |
|-------------------|-------------------------|
| Return Air Filter | 1-Washable Metal Mesh |
| RA Filter Dims | 30 1/8" x 5 3/4" x 3/8" |
| Shipping Dims | 39 1/2" x 26" x 23 1/2" |
| Shipping Weight | 140 lbs (64 kg) |
| Compressor Type | Rotary/R-410A |
| R12C12 Charge | 27 Ounces |
| R12C15 Charge | 26.5 Ounces |

Job-Guide Specifications

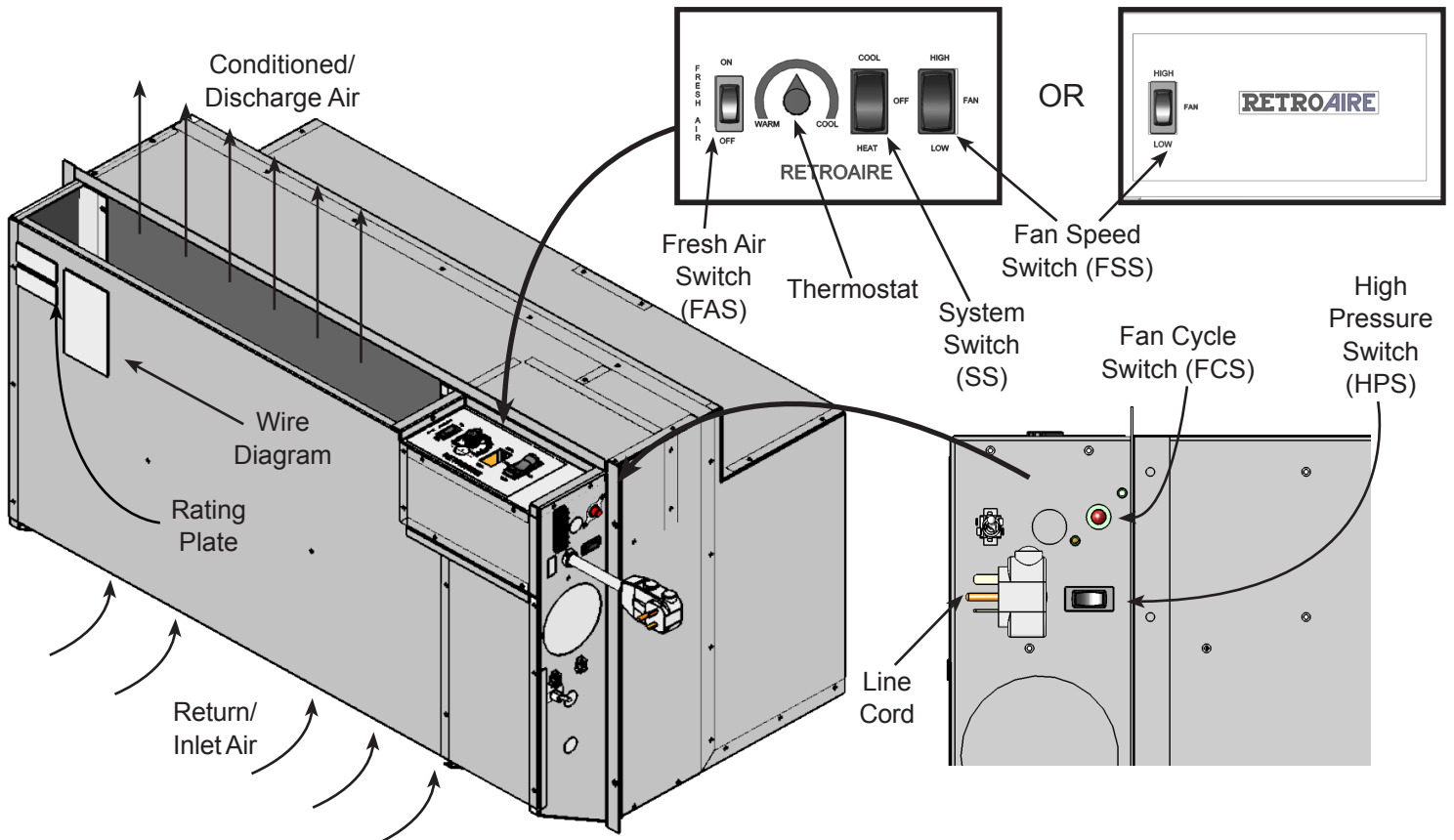
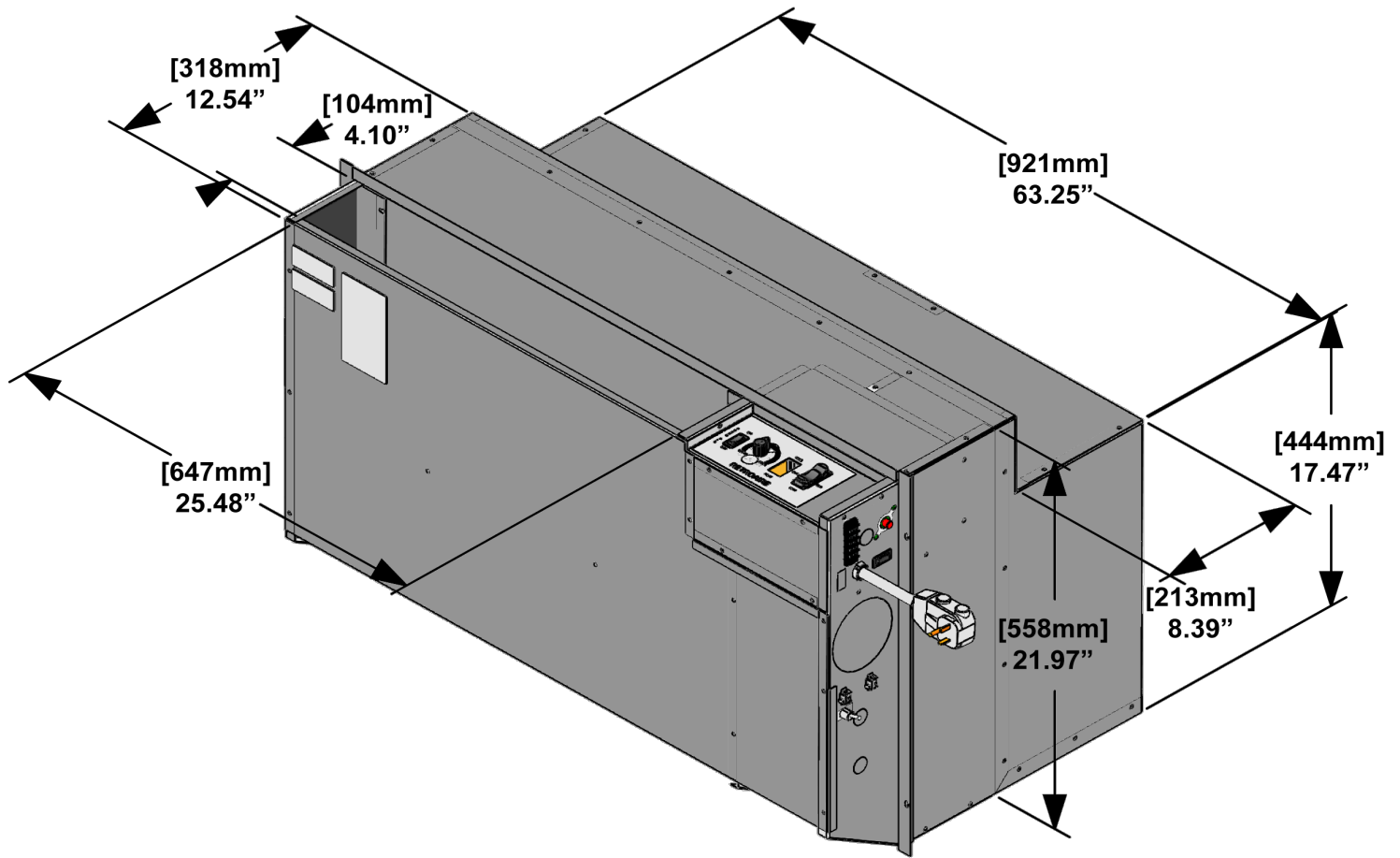
- Standard Warranty: 1 Year - Parts & 5 Year - Compressor
- High Pressure Switch with Integral Compressor Lockout
- Microprocessor Control Board
- Diagnostic LED Codes with Test Mode
- Thermally-protected PSC fan motors
- Indoor Coil Freeze & Anti-Short Cycle (Compr), Protections
- DOE Performance Qualified & Listed
- ETL-US & Canada Listed for Safety to UL484 Standard
- Reversing Valve Energized in Cooling (Heat Pumps)
- Meets ASHRAE 90.1-2013 for Replacement Efficiencies
- Replaces Lennox PTEIA & IslandAire EZ Series PT



Made in the USA

NOTICE: Due to ongoing product development; design, specification and performance data listed within this submittal document are subject to change without notice. For the most current performance data, please refer to ECR International listings of certified products in the AHRI directory, or consult the factory.

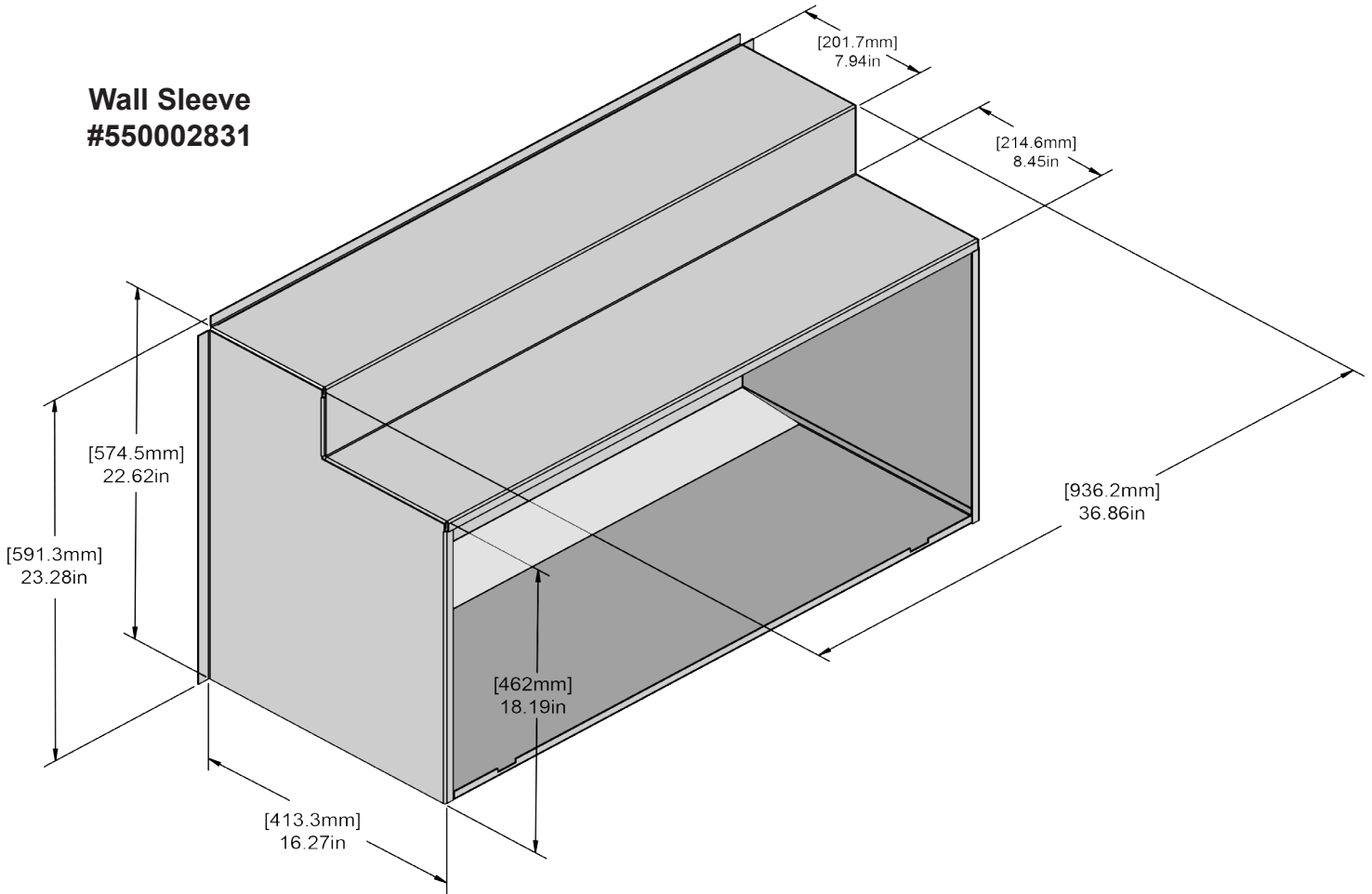
Chassis Dimensions & Controls Layout



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Wall Sleeve Dimensions & Notes

Wall Sleeve #550002831



ECR International, Inc.
2201 Dwyer Avenue • Utica, NY 13501
Phone: 800.325.5279 • Web: RetroAire.com

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