(NEW)

CITY OF PORTLAND, MAINE
RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 02/19/15

## WEIGHT DATA

| Model Number | Net | | | | Shipping | | | |
|---|---|---|---|---|---|---|---|---|
| | Base | | Max. | | Base | | Max. | |
| | lbs. | kg | lbs. | kg | lbs. | kg | lbs. | kg |
| 024S | 531 | 241 | 631 | 286 | 591 | 268 | 700 | 318 |
| 030S | 533 | 242 | 633 | 287 | 593 | 269 | 702 | 318 |
| 036S | 534 | 242 | 634 | 288 | 594 | 269 | 703 | 319 |
| 048S | 571 | 259 | 682 | 309 | 631 | 286 | 751 | 341 |
| 060S | 601 | 273 | 712 | 323 | 661 | 300 | 781 | 354 |
| 072S | 700 | 318 | 798 | 362 | 760 | 345 | 870 | 395 |
| 090S | 783 | 355 | 883 | 401 | 843 | 382 | 953 | 432 |

Base Unit - The unit with standard heat exchanger NO OPTIONS.
Max. Unit - The unit with ALL OPTIONS Installed. (High Input Heat Exchanger, Economizer, etc.)

## OPTIONS / ACCESSORIES

| | | Shipping Weights | |
|---|---|---|---|
| | | lbs. | kg |
| **ECONOMIZER / OUTDOOR AIR / EXHAUST** | | | |
| **Economizer** | | | |
| Economizer - Includes Barometric Relief Dampers and Exhaust Hood | | 131 | 59 |
| **Outdoor Air Dampers** | | | |
| Motorized | | 25 | 12 |
| Manual | | 18 | 9 |
| **Power Exhaust** | | | |
| Standard Static | | 35 | 17 |
| **GAS HEAT** | | | |
| Medium Heat (adder over standard heat) | | 8 | 4 |
| High Heat (adder over standard heat) | | 19 | 9 |
| **ROOF CURBS** | | | |
| **Hybrid Roof Curbs, Downflow** | | | |
| 8 in. height | | 50 | 23 |
| 14 in. height | | 70 | 32 |
| 18 in. height | | 80 | 36 |
| 24 in. height | | 100 | 45 |
| **Clip Curbs, Full Perimeter, Downflow** | | | |
| 8 in. height | | 83 | 38 |
| 14 in. height | | 101 | 46 |
| 18 in. height | | 113 | 51 |
| 24 in. height | | 131 | 59 |
| **Hinged, Full Perimeter, Downflow** | | | |
| 8 in. height | | 83 | 38 |
| 18 in. height | | 113 | 49 |
| 24 in. height | | 131 | 59 |
| **Standard, Full Perimeter, Downflow** | | | |
| 14 in. height | | 101 | 46 |
| **CEILING DIFFUSERS** | | | |
| Step-Down | RTD9-65 | 67 | 30 |
| | RTD11-95 | 88 | 40 |
| Flush | FD9-65 | 37 | 17 |
| | FD11-95 | 75 | 34 |
| Transitions (Supply and Return) | T1TRAN10AN1 | 22 | 10 |
| | T1TRAN20N-1 | 21 | 10 |

TRANE®

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 02/19/15

# General Data

(Existing)

| MODEL | YCC048F1M0B | YCC048F3M0B | YCC048F1H0B | YCC048F3H0B |
|---|---|---|---|---|
| RATED VOLTS/PH/HZ | 208-230/1/60 | 208-230/3/60 | 208-230/1/60 | 208-230/3/60 |
| **RATINGS (COOLING)** ① | | | | |
| BTUH | 46500 | 46500 | 48000 | 48000 |
| Indoor Airflow (CFM) | 1600 | 1600 | 1600 | 1600 |
| Power Input (KW) | 5.23 | 5.23 | 5.19 | 5.05 |
| EER/SEER (BTU/Watt-Hr.) | 8.90 / 10.00 | 8.90 / 10.00 | 9.25 / 10.00 | 9.50 / 10.00 |
| Noise Rating No. ① | 8.2 | 8.2 | 8.4 | 8.4 |
| **A.G.A. RATINGS (HEATING)** ② | | | | |
| (High) Input BTUH | 100000 | 100000 | 125000 | 125000 |
| Capacity BTUH ⑤⑦ | 80000 | 80000 | 100000 | 100000 |
| AFUE | 78% | 78% | 78% | 78% |
| Temp. Rise °F. (Min./Max.) | 30 -60 | 30 - 60 | 45 - 75 | 45 - 75 |
| (Low) Input BTUH | 80000 | 80000 | 100000 | 100000 |
| Capacity BTUH ⑤⑦ | 64000 | 64000 | 80000 | 80000 |
| AFUE | 80% | 80% | 80% | 80% |
| Temp. Rise °F. (Min./Max.) | 30 - 60 | 30 - 60 | 45 - 75 | 45 - 75 |
| Type of Gas ③ | NATURAL | NATURAL | NATURAL | NATURAL |
| **POWER CONNS. — V/PH/HZ** | 208-230/1/60 | 208-230/3/60 | 208-230/1/60 | 208-230/3/60 |
| Min. Brch. Cir. Ampacity | 33.0 | 24.8 | 36.4 | 26.8 |
| Br. Cir. Max. (Amps) | 50 | 40 | 50 | 40 |
| Prot. Rtg. Recmd. (Amps) | 50 | 40 | 50 | 40 |
| **COMPRESSOR** | | | | |
| No. Used | 1 | 1 | 1 | 1 |
| Volts/Ph/Hz | 208-230/1/60 | 208-230/3/60 | 208-230/1/60 | 208-230/3/60 |
| R.L. Amps — L.R. Amps | 21.7 - 119 | 15.1 - 101.0 | 20.3 - 119.0 | 14.2 - 101 |
| **OUTDOOR COIL — TYPE** | PLATE FIN | PLATE FIN | PLATE FIN | PLATE FIN |
| Rows / F.P.I. | 2 / 15 | 2 / 15 | 2 / 15 | 2 / 15 |
| Face Area (Sq. Ft.) | 8.62 | 8.62 | 9.2 | 9.2 |
| Tube Size (in.) | 3/8 | 3/8 | 3/8 | 3/8 |
| **INDOOR COIL — TYPE** | PLATE FIN | PLATE FIN | PLATE FIN | PLATE FIN |
| Rows / F.P.I. | 3 / 15 | 3 / 15 | 3 / 15 | 3 / 15 |
| Face Area (Sq. Ft.) | 4.28 | 4.28 | 5.4 | 5.4 |
| Tube Size (in.) | 3/8 | 3/8 | 3/8 | 3/8 |
| Refrigerant Control | CAPILLARY | CAPILLARY | CAPILLARY | CAPILLARY |
| Drain Conn. Size (in.) | 3/4" FEMALE | 3/4" FEMALE | 3/4" FEMALE | 3/4" FEMALE |
| Duct Connections | SEE OUTLINE DRAWING | SEE OUTLINE DRAWING | SEE OUTLINE DRAWING | SEE OUTLINE DRAWING |
| **OUTDOOR FAN — TYPE** | PROPELLER | PROPELLER | PROPELLER | PROPELLER |
| No. Used / Dia. (in.) | 1 / 18 | 1 / 18 | 1 / 22 | 1 / 22 |
| Type Drive / No. Speeds | DIRECT / 1 | DIRECT / 1 | DIRECT / 1 | DIRECT / 1 |
| No. Motors — HP | 1 - 1/5 | 1 - 1/5 | 1 - 1/2 | 1 - 1/2 |
| Motor Speed R.P.M. | 1080 | 1080 | 1080 | 1080 |
| Volts/PH/HZ | 200-230/1/60 | 200-230/1/60 | 200-230/1/60 | 200-230/1/60 |
| F.L. Amps — L.R. Amps | 1.6 - 3.3 | 1.6 - 3.3 | 3.3/3.9 - 8.5 | 3.3/3.9 - 8.5 |
| **INDOOR FAN — TYPE** | CENTRIFUGAL | CENTRIFUGAL | CENTRIFUGAL | CENTRIFUGAL |
| Dia. x Width (in.) | 10 X 10 | 10 X 10 | 11 X 11 | 11 X 11 |
| No. Used | 1 | 1 | 1 | 1 |
| Drive / Speeds (No.) | DIRECT / 1 | DIRECT / 1 | DIRECT / 2 | DIRECT / 2 |
| No. Motors — HP | 1 - 3/4 | 1 - 3/4 | 1 - 3/4 | 1 - 3/4 |
| Motor Speed R.P.M. | 1145 | 1145 | 1080 | 1080 |
| Volts/PH/HZ | 200-230/1/60 | 200-230/1/60 | 200-230/1/60 | 200-230/1/60 |
| F.L Amps | 4.3 - 11.2 | 4.3 - 11.2 | 5.0/4.3- 9.7 | 5.0/4.3- 9.7 |
| **COMBUSTION FAN — TYPE** | CENTRIFUGAL | CENTRIFUGAL | CENTRIFUGAL | CENTRIFUGAL |
| Drive — Speeds (No.) | DIRECT - 1 | DIRECT - 1 | DIRECT - 1 | DIRECT - 1 |
| Motor HP — Speed (RPM) | 1/35 - 3480 | 1/35 - 3480 | 1/35 - 3480 | 1/35 - 3480 |
| Volts/PH/HZ | 208-240/1/60 | 208-240/1/60 | 208-240/1/60 | 208-240/1/60 |
| F.L. Amps | 0.6 | 0.6 | 0.6 | 0.6 |
| **FILTER — FURNISHED?** | NO | NO | NO | NO |
| Type Recommended | THROWAWAY | THROWAWAY | THROWAWAY | THROWAWAY |
| Min Face Area-Lo (sq. ft.) ⑥ | 5.33 | 5.33 | 5.33 | 5.33 |
| **REFRIGERANT** | | | | |
| Charge (lbs. of R-22) ④ | 6.42 LBS. | 6.42 LBS. | 8 LBS | 8 LBS |
| **GAS PIPE SIZE (IN.)** | 1/2" | 1/2" | 1/2" | 1/2" |
| **DIMENSIONS** | H X W X D | H X W X D | H X W X D | H X W X D |
| Crated (in.) | 35-1/4 X 38 X 64-5/8 | 35-1/4 X 38 X 64-5/8 | 39-3/8 X 47 X 66-1/4 | 39-3/8 X 47 X 66-1/4 |
| Uncrated | SEE OUTLINE DRAWING | SEE OUTLINE DRAWING | SEE OUTLINE DRAWING | SEE OUTLINE DRAWING |
| **WEIGHT** | | | | |
| Shipping (lbs.) / Net (lbs.) | 461 / 414 | 461 / 414 | 592 / 523 | 587 / 518 |

*See unit nameplate for proper input adjustment

① Rated in accordance with A.R.I. Standard 210/240. Noise tested in accordance with A.R.I. Standard 270. A.R.I. standard rating conditions are: 80 D.B. 67 W.B. entering air to indoor coil. 95 D.B. entering air to outdoor coil.

② All models are UL Listed. Ratings shown are for elevations up to 2000 ft. For higher elevations reduce ratings at a rate of 4% per 1000 ft. elevation.

③ Convertible to LPG.

④ This value is approximate. For more precise value, see Unit Nameplate.

⑤ Based on U.S. Government Standard Tests.

⑥ Filters must be installed in return air stream. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendation with a clean resistance of 0.05" W.C.

⑦ Unit is shipped on high input, unit is convertible to low input with a Low Fire accessory kit.



22-1295-05-0303 (EN)