

**Fwd: 48TFD008-012 Weights**

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**From:** Spencer, Aaron (Aaron.Spencer@trane.com)  
**To:** joe@restaurantmechanical.com  
**Cc:** restaurantmechanical@yahoo.com  
**Date:** Wednesday, September 4, 2019, 09:52 AM CDT

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Please see the attachment for unit weights. The new unit weights are in the submittals I sent over.

**Aaron Spencer**

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**From:** Spencer, Aaron <Aaron.Spencer@trane.com>  
**Sent:** Wednesday, September 4, 2019 9:21:50 AM  
**To:** Spencer, Aaron <Aaron.Spencer@trane.com>  
**Subject:** 48TFD008-012 Weights

# unit dimensions — 48TF008-014



| STANDARD UNIT WEIGHT |     | CHILLER/BLADE ECONOMIZER WEIGHT |    | ECONOMIZER WEIGHT |    | CORNER WEIGHT (A) |     | CORNER WEIGHT (B) |    | CORNER WEIGHT (C) |     | CORNER WEIGHT (D) |     |      |      |      |     |      |     |      |    |
|----------------------|-----|---------------------------------|----|-------------------|----|-------------------|-----|-------------------|----|-------------------|-----|-------------------|-----|------|------|------|-----|------|-----|------|----|
| Lb                   | Kg  | Lb                              | Kg | Lb                | Kg | Lb                | Kg  | Lb                | Kg | Lb                | Kg  | Lb                | Kg  | W-in | mm   | H-in | mm  | W-in | mm  | H-in | mm |
| 873                  | 395 | 44                              | 20 | 82                | 38 | 180               | 82  | 165               | 75 | 255               | 116 | 280               | 127 | 1.25 | 1.27 | 3.5  | 89  | 10.5 | 267 | 2.25 | 57 |
| 880                  | 398 | 44                              | 20 | 82                | 38 | 191               | 87  | 165               | 75 | 262               | 119 | 284               | 129 | 3.5  | 89   | 10.5 | 267 | 2.25 | 57  | 2.25 | 57 |
| 885                  | 400 | 44                              | 20 | 82                | 38 | 225               | 102 | 182               | 83 | 285               | 129 | 330               | 151 | 3.5  | 89   | 10.5 | 267 | 2.25 | 57  | 2.25 | 57 |
| 890                  | 402 | 44                              | 20 | 82                | 38 | 228               | 103 | 185               | 84 | 287               | 131 | 335               | 153 | 3.5  | 89   | 10.5 | 267 | 2.25 | 57  | 2.25 | 57 |

See Unit 48TF008-012 for details.

Color of finish:

Direction of airflow:

A discharge unit, designed to be attached to secondary piping for horizontal discharge units. Not required. Must be attached to horizontal discharge piping, and it should be attached to the piping. Discharge from coils or subcooler may occur. Unit will not allow any discharge surface. 35 inches in front of unit to discharge surface (when not using duct).

It is of base unit to discharge surface when not using discharge.

When not for vertical surface, 35 in. low side, 12 in. the side. The side of the unit is optional. Unit 48TF008-012 is shown. Discharge from coils or subcooler may occur. Unit will not allow any discharge surface. 35 inches in front of unit to discharge surface (when not using duct).

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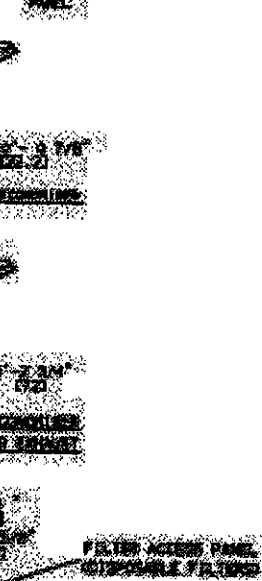
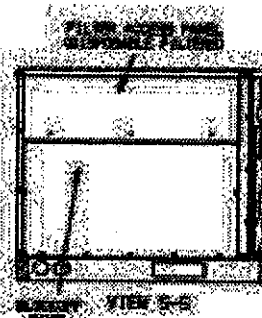
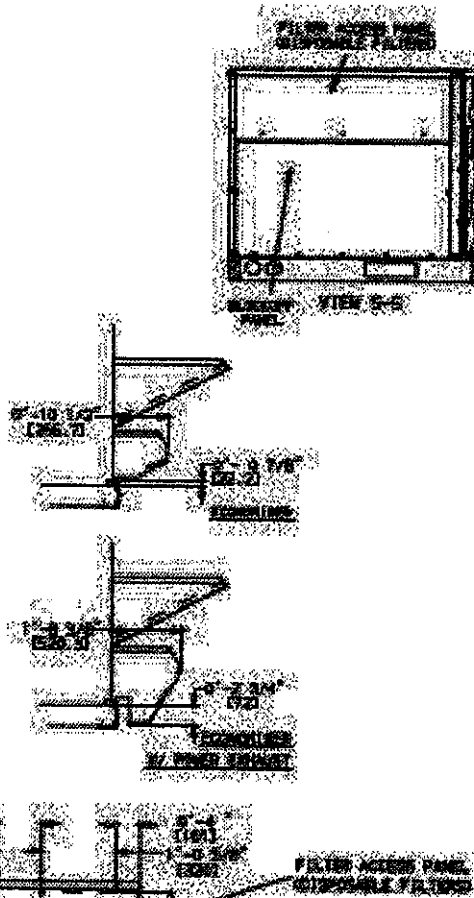
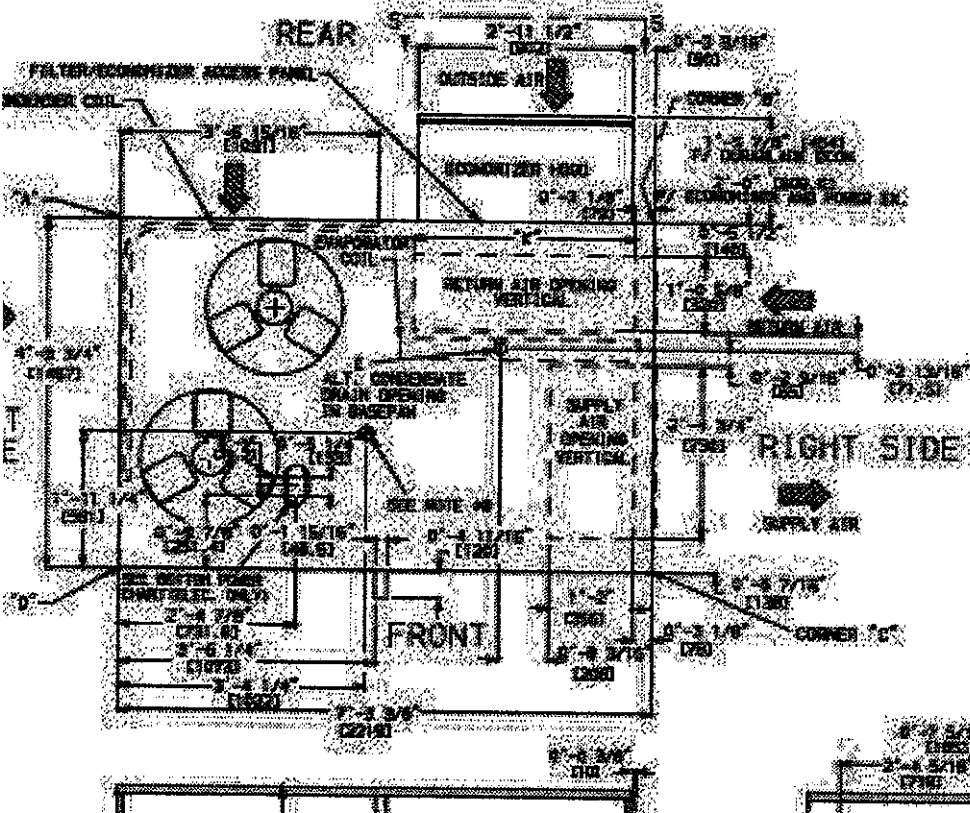
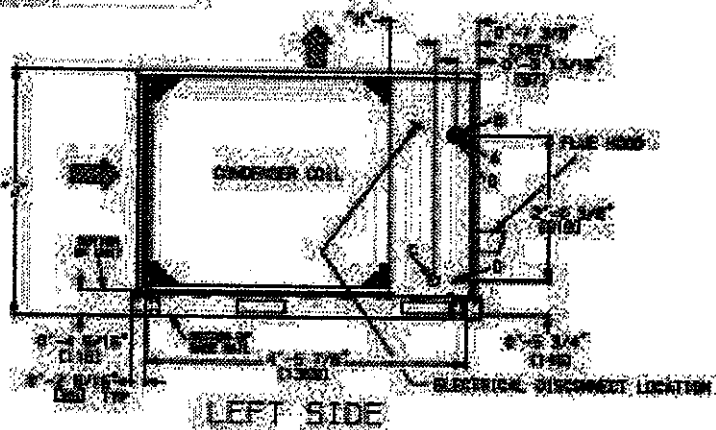
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| CONNECTION SIZES |                                                          |
|------------------|----------------------------------------------------------|
| A                | 1/2" Dia (1/2") Field Power Supply Hole                  |
| B                | 3/4" Dia (3/4") Field Power Supply Hole                  |
| C                | 1/2" Dia (1/2") Charging Port Hole                       |
| D                | 1/2" Dia (1/2") Field Control Wiring Hole                |
| E                | 1/2" Dia (1/2") Condenser Drain                          |
| F                | 1/2" Dia (1/2") Gas Connection 48TF008-012 & 48TF008-013 |
| G                | 1/2" Dia (1/2") Gas Connection 48TF008-014 & 48TF008-015 |
| H                | 1/2" Dia (1/2") Power Supply Hole                        |

BOTTOM POWER CHART. THESE HOLES REQUIRED FOR USE WITH AC-EGGERT PACKAGES. CRBTMPW22AD (POWER AND CONTROL) AND CRBTMPW22AD (POWER, CONTROL AND GAS).

| THREADED CONDUIT SIZE | WIRE USE   | REQUIRED HOLE SIZES (MAX) |
|-----------------------|------------|---------------------------|
| 1/2" DIA              | 24 V Power | 1/2" DIA                  |
| 3/4" DIA              | 24 V Power | 3/4" DIA                  |



# Base unit dimensions — 48TF008-014



| UNIT<br>48TF | STANDARD<br>UNIT WEIGHT |     | DURABLE<br>ECONOMIZER WEIGHT |    | ECONOMIZER<br>WEIGHT |    | CORNER<br>WEIGHT (A) |     | CORNER<br>WEIGHT (B) |    | CORNER<br>WEIGHT (C) |     | CORNER<br>WEIGHT (D) |     | "H"    |        | "S"      |         | "K"      |        | "L"       |        |
|--------------|-------------------------|-----|------------------------------|----|----------------------|----|----------------------|-----|----------------------|----|----------------------|-----|----------------------|-----|--------|--------|----------|---------|----------|--------|-----------|--------|
|              | Lb                      | Kg  | Lb                           | Kg | Lb                   | Kg | Lb                   | Kg  | Lb                   | Kg | Lb                   | Kg  | Lb                   | Kg  | ft-in. | [mm]   | ft-in.   | [mm]    | ft-in.   | [mm]   | ft-in.    | [mm]   |
| 48TF008      | 370                     | 335 | 44                           | 20 | 82                   | 38 | 160                  | 86  | 161                  | 73 | 230                  | 105 | 230                  | 105 | 1-5/8" | [40.6] | 3-23/32" | [105.0] | 2-51/16" | [85.4] | 2-29/32"  | [67.3] |
| 48TF009      | 380                     | 340 | 44                           | 20 | 82                   | 38 | 161                  | 87  | 162                  | 74 | 232                  | 106 | 232                  | 106 | 1-5/8" | [40.6] | 3-23/32" | [105.0] | 2-51/16" | [85.4] | 2-29/32"  | [67.3] |
| 48TF012      | 390                     | 350 | 44                           | 20 | 82                   | 38 | 225                  | 102 | 226                  | 87 | 285                  | 129 | 285                  | 129 | 1-5/8" | [40.6] | 4-1/4"   | [106.7] | 3-0"     | [76.2] | 2-109/16" | [80.5] |
| 48TF014      | 390                     | 350 | 44                           | 20 | 82                   | 38 | 225                  | 102 | 226                  | 88 | 285                  | 129 | 285                  | 129 | 1-5/8" | [40.6] | 4-1/4"   | [106.7] | 3-0"     | [76.2] | 2-109/16" | [80.5] |

## NOTES:

- Dimensions in [ ] are in millimeters.
- Carrier of gravity.
- Direction of airflow.
- On vertical discharge units, clearance to be attached to necessary roof curb only. For horizontal discharge units, flat-roofed houses should be attached to horizontal discharge opening, and at discharge should be attached to the fan pan.
- Minimum clearance (local codes or jurisdiction may prevail):
  - Between unit, flat side and combustible surfaces, 36 inches.
  - Between unit and combustible surfaces (when not using curb), 36 inches.
  - Bottom of base unit to combustible surfaces (when not using curb) 36 inches.
  - Condenser coil, for proper airflow, 36 in. one side, 12 in. the other. The side pulling the greater clearance is optional.
  - Overhead, 60 in. to allow proper condenser fan operation.
  - Between units, control box side, 42 in. per NEC (National Electrical Code).
  - Between unit and ungrouted surfaces, control box side, 36 in. per NEC.
  - Between unit and block or concrete walls and other grouted surfaces, control box side, 42 in. per NEC.
  - For exhaust supply and return unit, 2 inches.
- With the exception of the clearance for the condenser coil and combustion side are stated in notes 1a, b, and c, a removable fence or barricade requires no clearance.
- Units may be installed on combustible floors made from wood or Class A, B, or C and covering material 1/2 in. thick (13mm) or 1-1/2" (38mm) for 012 and 014 up from the bottom of the base unit.

| CONNECTION SIZES |                                                                      |
|------------------|----------------------------------------------------------------------|
| A                | 5/8" Dia (20) Field Power Supply Hole                                |
| B                | 2 1/2" Dia (64) Power Supply Knockout                                |
| C                | 1 1/2" Dia (40) Charging Port Hole                                   |
| D                | 5/8" Dia (20) Field Control Wiring Hole                              |
| E                | 1/2" x 1/4" NPT Condensate Drain                                     |
| F                | 1/2" x 1/4" NPT Gas Connection 48TF008 & 009, 48TF012 & 014, 48TF012 |
| G                | 2" Dia (51) Power Supply Knockout                                    |

BOTTOM POWER CHART, THESE HOLES REQUIRED FOR USE WITH ACCESSORY PACKAGES — CRSTMPW000000 (POWER AND CONTROL) AND CRSTMPW000000 (POWER, CONTROL, AND GAS)

| THREADED CONDUIT SIZE | WIRE USE   | REQUIRED HOLE SIZE (MAX.) |
|-----------------------|------------|---------------------------|
| 1/2"                  | 24 V Power | 1/2" (12.7)               |
| 3/4"                  | Power      | 3/4" (19.0)               |
| 1"                    | Power      | 1" (25.4)                 |

