

CONDENSER INFORMATION

| MODEL | WEIGHT # | #1 TONNAGE | #2 TONNAGE | CC | DD | EE |
|-------------|----------|------------|------------|----------|----------|--------|
| 2 TON-G10 | 110 LBS | 2 TON | N/A | 29-13/16 | 59-9/16 | 55-7/8 |
| 3 TON-G10 | 141 LBS | 3 TON | N/A | 33-5/16 | 63-1/16 | 59-3/8 |
| 5 TON-G10 | 251 LBS | 5 TON | N/A | 33-5/16 | 63-1/16 | 59-3/8 |
| 5 TON-G10 | 222 LBS | 2.5 TON | 2.5 TON | 29-11/16 | 59-7/16 | 55-3/4 |
| 7.5 TON-G15 | 190 LBS | 5 TON | N/A | 29-15/16 | 66-11/16 | 63 |
| 8 TON-G15 | 300 LBS | 2.5 TON | 5 TON | 29-15/16 | 66-11/16 | 63 |
| 10 TON-G15 | 331 LBS | 3 TON | 5 TON | 33-5/16 | 70-1/16 | 66-3/8 |
| 10 TON-G15 | 380 LBS | 5 TON | 5 TON | 29-15/16 | 66-11/16 | 63 |
| 10 TON-G18 | 390 LBS | 5 TON | 5 TON | 29-15/16 | 66-11/16 | 63 |
| 10 TON-G20 | 380 LBS | 5 TON | 5 TON | 29-15/16 | 66-11/16 | 63 |
| 10 TON-G20 | 390 LBS | 5 TON | 5 TON | 29-15/16 | 66-11/16 | 63 |

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX ROOF OPENING 2" SMALLER THAN CURB CURT-SIDE DIMENSION

48 IN CLEARANCE REQUIRED ABOVE CONDENSERS

20 IN HIGH EQUIPMENT CURB & RAIL

UNIT INFORMATION

| MODEL | WEIGHT | BTU RANGE (AMB) | | | GAS PRESSURE | | GAS CONNECTION | | TONNAGE RANGE | | CURB/RAIL | | DISCHARGE OPENING | | RETURN OPENING | | | | | | |
|------------|----------|-----------------|---------|--------|--------------|-------|----------------|------|---------------|------------------|-----------|---------|-------------------|--------|----------------|--------|----|-------|----|--------|----|
| | | A | B | C | D | E | F | G | H | J | K | L | N | P | R | S | T | U | V | X | |
| D-250-G10 | 1260 LBS | 209-1/2 | 39-3/8 | 42-3/4 | 39 | 3-3/4 | 1/2 | 3/4 | 2 TON | 20"x25"x2" | 3300 CFM | 348 FPM | 13-5/8 | 13-7/8 | 13-3/16 | 11-1/2 | 14 | 8 | 14 | 12-1/2 | 18 |
| D-250-G10 | 1260 LBS | 209-1/2 | 39-3/8 | 42-3/4 | 39 | 3-3/4 | 1/2 | 3/4 | 3 TON | 20"x25"x2" | 3300 CFM | 348 FPM | 13-5/8 | 13-7/8 | 13-3/16 | 11-1/2 | 14 | 8 | 14 | 12-1/2 | 18 |
| D-250-G15 | 1705 LBS | 223-1/2 | 49-3/8 | 47-3/4 | 44 | 3-3/4 | 3/8 | 5/16 | 5 TON | 16"x20"x2" | 428 FPM | 428 FPM | 18-1/2 | 18-7/8 | 18-1/2 | 18-1/2 | 18 | 8 | 14 | 12-1/2 | 24 |
| D-250-G15 | 1710 LBS | 223-1/2 | 49-3/8 | 47-3/4 | 44 | 3-3/4 | 3/8 | 5/16 | 5 TON | 16"x20"x2" | 428 FPM | 428 FPM | 18-1/2 | 18-7/8 | 18-1/2 | 18-1/2 | 18 | 8 | 14 | 12-1/2 | 24 |
| D-500-G15 | 1715 LBS | 223-1/2 | 49-3/8 | 47-3/4 | 44 | 3-3/4 | 3/8 | 5/16 | 5 TON | 16"x20"x2" | 428 FPM | 428 FPM | 18-1/2 | 18-7/8 | 18-1/2 | 18-1/2 | 18 | 8 | 14 | 12-1/2 | 24 |
| D-500-G18 | 2020 LBS | 234-1/2 | 54-3/8 | 56-3/8 | 51-1/8 | 5-1/4 | 3/4 | 3/16 | 5 TON | 15-5/8"x19-1/16" | 6-5/16 | 22-3/8 | 1-1/2 | 18 | 28 | 8 | 7 | 4-1/2 | 30 | | |
| D-500-G18 | 2025 LBS | 234-1/2 | 54-3/8 | 56-3/8 | 51-1/8 | 5-1/4 | 3/4 | 3/16 | 5 TON | 15-5/8"x19-1/16" | 6-5/16 | 22-3/8 | 1-1/2 | 18 | 28 | 8 | 7 | 4-1/2 | 30 | | |
| D-1000-G18 | 2030 LBS | 234-1/2 | 54-3/8 | 56-3/8 | 51-1/8 | 5-1/4 | 3/4 | 3/16 | 5 TON | 15-5/8"x19-1/16" | 6-5/16 | 22-3/8 | 1-1/2 | 18 | 28 | 8 | 7 | 4-1/2 | 30 | | |
| D-1000-G18 | 2035 LBS | 234-1/2 | 54-3/8 | 56-3/8 | 51-1/8 | 5-1/4 | 3/4 | 3/16 | 5 TON | 15-5/8"x19-1/16" | 6-5/16 | 22-3/8 | 1-1/2 | 18 | 28 | 8 | 7 | 4-1/2 | 30 | | |
| D-1500-G18 | 2925 LBS | 292-7/8 | 60-7/16 | 64-3/8 | 59-1/8 | 5-1/4 | 1/2 | 1/4 | 10 TON | 16"x20"x2" | 495 FPM | 495 FPM | 23-1/2 | 23-1/2 | 23-1/2 | 23-1/2 | 33 | 10 | 11 | 8 | 36 |
| D-1500-G20 | 3220 LBS | 292-7/8 | 60-7/16 | 64-3/8 | 59-1/8 | 5-1/4 | 1/2 | 1/4 | 10 TON | 16"x20"x2" | 495 FPM | 495 FPM | 23-1/2 | 23-1/2 | 23-1/2 | 23-1/2 | 33 | 10 | 11 | 8 | 36 |

OPTIONAL MIXING BOX FILTERS

| MODEL | WEIGHT | BTU RANGE (AMB) | MIN | MAX | BTU RANGE (AMB) | MIN | MAX |
|------------|--------|-----------------|-----|--------|------------------|----------|---------|
| D-250-G10 | 1260 | 209-1/2 | 18 | 5 TON | 20"x25"x2" | 3300 CFM | 348 FPM |
| D-250-G10 | 1260 | 209-1/2 | 18 | 5 TON | 20"x25"x2" | 3300 CFM | 348 FPM |
| D-250-G15 | 1710 | 223-1/2 | 18 | 5 TON | 16"x20"x2" | 428 FPM | 428 FPM |
| D-250-G15 | 1715 | 223-1/2 | 18 | 5 TON | 16"x20"x2" | 428 FPM | 428 FPM |
| D-500-G15 | 1715 | 223-1/2 | 18 | 5 TON | 16"x20"x2" | 428 FPM | 428 FPM |
| D-500-G18 | 2020 | 234-1/2 | 18 | 5 TON | 15-5/8"x19-1/16" | 6-5/16 | 22-3/8 |
| D-500-G18 | 2025 | 234-1/2 | 18 | 5 TON | 15-5/8"x19-1/16" | 6-5/16 | 22-3/8 |
| D-1000-G18 | 2030 | 234-1/2 | 18 | 5 TON | 15-5/8"x19-1/16" | 6-5/16 | 22-3/8 |
| D-1000-G18 | 2035 | 234-1/2 | 18 | 5 TON | 15-5/8"x19-1/16" | 6-5/16 | 22-3/8 |
| D-1500-G18 | 2925 | 292-7/8 | 30" | 10 TON | 16"x20"x2" | 495 FPM | 495 FPM |
| D-1500-G20 | 3220 | 292-7/8 | 30" | 10 TON | 16"x20"x2" | 495 FPM | 495 FPM |

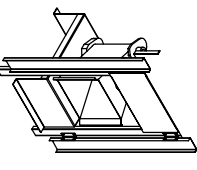
Direct Fired Profile Plate Specifications:

Description:
Direct fired burners shall have patented US Patent No. US649292B2, self-adjusting profile plate design. The profile plate design shall allow burners to achieve clean combustion by listing by-product levels to a maximum of 5ppm of carbon monoxide (CO), and 0.5ppm of nitrogen dioxide (NO2).

Application:
Spring loaded burner profile plates are engineered to automatically react to the momentum of the burner flame. The profile plate design shall be tested and certified to meet the requirements of the ASHRAE 90.1-2010 energy code. All DF units are designed for demand control ventilation (DCV) requirements. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

Construction:
All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combined gas safety standards ANSI Z89.4 and CSA 3.7 non-redundating DF heaters and ANSI Z89.18 (redundating DF heaters).

General Construction:
Profile plates shall be formed from G90 galvanized steel.
Profile plates shall be mounted along the same plane as the discharge of the burner.
Design shall incorporate proper torque, permanently mounted spring hinges.



Direct Fired (DF) Profile Plate Assembly