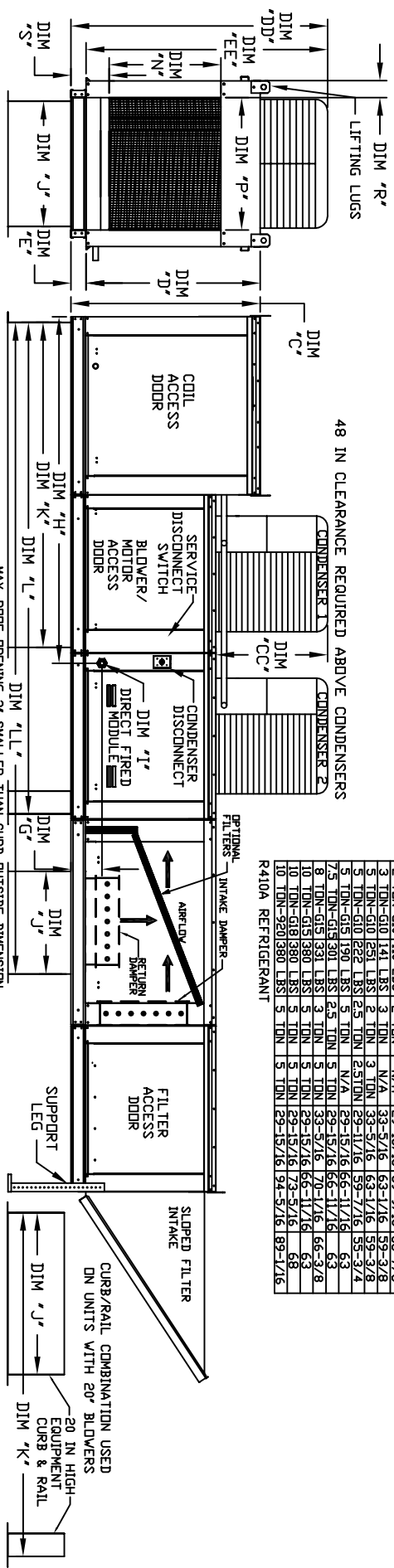


CONDENSER INFORMATION

| MODEL               | WEIGHT #1 | TONNAGE #2 | 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   | 2.5 TON   | 3 TON      | 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  |
| 5 TON-G15 190 LBS   | 5 TON     | N/A        | 29-15/16 | 66-11/16 | 63      |
| 7.5 TON-G15 301 LBS | 2.5 TON   | 5 TON      | 29-15/16 | 66-11/16 | 63      |
| 8 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 380 LBS  | 5 TON     | 5 TON      | 29-15/16 | 73-5/16  | 68      |
| 10 TON-G20 380 LBS  | 5 TON     | 5 TON      | 29-15/16 | 94-5/16  | 89-1/16 |

R410A REFRIGERANT



ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

| MODEL      | WEIGHT   | UNIT DIMENSIONS |         |        |        |       |        |         |         |    |          | 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  | 1200 LBS | 191-1/8         | 39-3/8  | 42-3/4 | 39     | 3-3/4 | 44-3/8 | 7-13/16 | 77-1/16 | 21 | 71       | 113-1/4   | 144-1/16          | 17-1/2 | 16             | 5-3/4  | 14    | 8  | 14 | 12-1/2 | 18 |
| D-500-G10  | 1205 LBS | 191-1/8         | 39-3/8  | 42-3/4 | 39     | 3-3/4 | 44-3/8 | 7-13/16 | 77-1/16 | 21 | 71       | 113-1/4   | 144-1/16          | 17-1/2 | 16             | 5-3/4  | 14    | 8  | 14 | 12-1/2 | 18 |
| D-250-G15  | 1620 LBS | 199-1/8         | 49-3/8  | 47-3/4 | 44     | 3-3/4 | 53-5/8 | 7-13/16 | 85-1/16 | 31 | 79       | 121-1/4   | 157-1/16          | 29-3/4 | 22-3/4         | 12-5/8 | 5-3/4 | 8  | 11 | 7-1/2  | 24 |
| D-500-G15  | 1625 LBS | 199-1/8         | 49-3/8  | 47-3/4 | 44     | 3-3/4 | 53-5/8 | 7-13/16 | 85-1/16 | 31 | 79       | 121-1/4   | 157-1/16          | 29-3/4 | 22-3/4         | 12-5/8 | 5-3/4 | 8  | 11 | 7-1/2  | 24 |
| D-750-G15  | 1990 LBS | 199-1/8         | 49-3/8  | 47-3/4 | 44     | 3-3/4 | 53-5/8 | 7-13/16 | 85-1/16 | 31 | 79       | 121-1/4   | 157-1/16          | 29-3/4 | 22-3/4         | 12-5/8 | 5-3/4 | 8  | 11 | 7-1/2  | 24 |
| D-500-G18  | 1920 LBS | 210-1/8         | 54-3/8  | 51-1/8 | 44     | 5-1/4 | 57-5/8 | 9-1/2   | 90-1/16 | 35 | 84       | 126-1/4   | 165-11/16         | 32-9/8 | 30             | 11-1/2 | 7-3/8 | 8  | 7  | 4-1/2  | 30 |
| D-750-G18  | 1923 LBS | 210-1/8         | 54-3/8  | 51-1/8 | 44     | 5-1/4 | 57-5/8 | 9-1/2   | 90-1/16 | 35 | 84       | 126-1/4   | 165-11/16         | 32-9/8 | 30             | 11-1/2 | 7-3/8 | 8  | 7  | 4-1/2  | 30 |
| D-1000-G18 | 1930 LBS | 210-1/8         | 54-3/8  | 51-1/8 | 44     | 5-1/4 | 57-5/8 | 9-1/2   | 90-1/16 | 35 | 84       | 126-1/4   | 165-11/16         | 32-9/8 | 30             | 11-1/2 | 7-3/8 | 8  | 7  | 4-1/2  | 30 |
| D-1500-G20 | 3125 LBS | 262-1/2         | 60-7/16 | 64-3/8 | 59-1/8 | 5-1/4 | 76-3/8 | 13-9/16 | 120-5/8 | 42 | 115-3/16 | 169-1/2   | 217-1/2           | 36-3/4 | 34             | 12-1/2 | 7-3/8 | 10 | 11 | 8      | 36 |
| D-1500-G20 | 3140 LBS | 262-1/2         | 60-7/16 | 64-3/8 | 59-1/8 | 5-1/4 | 76-3/8 | 13-9/16 | 120-5/8 | 42 | 115-3/16 | 169-1/2   | 217-1/2           | 36-3/4 | 34             | 12-1/2 | 7-3/8 | 10 | 11 | 8      | 36 |

| MODEL      | BURNER LENGTH | BTU RANGE (MBH) | GAS PRESSURE |        | GAS CONNECTION | TONNAGE RANGE |        | FILTER SIZE & QTY |     | MAX. FILTER VELOCITY |         | OPTIONAL MIXING BOX FILTERS |     |
|------------|---------------|-----------------|--------------|--------|----------------|---------------|--------|-------------------|-----|----------------------|---------|-----------------------------|-----|
|            |               |                 | MIN          | MAX    |                | MIN           | MAX    | BTU RANGE         | CFM | FT/MIN               | CFM     | BTU RANGE                   | CFM |
| D-250-G10  | 6"            | 18              | 7" VC        | 14" VC | 3/4"           | 2 TON         | 5 TON  | 20"x25"x2"        | (3) | 6300 CFM             | 348 FPM | 10"x16"x2"                  | (5) |
| D-500-G10  | 12"           | 18              | 7" VC        | 14" VC | 3/4"           | 2 TON         | 5 TON  | 20"x25"x2"        | (3) | 6300 CFM             | 348 FPM | 10"x16"x2"                  | (5) |
| D-250-G15  | 6"            | 18              | 7" VC        | 14" VC | 3/4"           | 2 TON         | 5 TON  | 20"x25"x2"        | (3) | 6300 CFM             | 348 FPM | 10"x16"x2"                  | (5) |
| D-500-G15  | 12"           | 18              | 7" VC        | 14" VC | 3/4"           | 2 TON         | 5 TON  | 20"x25"x2"        | (3) | 6300 CFM             | 348 FPM | 10"x16"x2"                  | (5) |
| D-750-G15  | 18"           | 18              | 7" VC        | 14" VC | 3/4"           | 2 TON         | 5 TON  | 20"x25"x2"        | (3) | 6300 CFM             | 348 FPM | 10"x16"x2"                  | (5) |
| D-500-G18  | 12"           | 18              | 7" VC        | 14" VC | 3/4"           | 2 TON         | 5 TON  | 20"x25"x2"        | (3) | 6300 CFM             | 348 FPM | 10"x16"x2"                  | (5) |
| D-750-G18  | 18"           | 18              | 7" VC        | 14" VC | 3/4"           | 2 TON         | 5 TON  | 20"x25"x2"        | (3) | 6300 CFM             | 348 FPM | 10"x16"x2"                  | (5) |
| D-1000-G18 | 24"           | 36.6            | 7" VC        | 14" VC | 1-1/4"         | 10 TON        | 10 TON | 16"x20"x2"        | (4) | 15"x15"x2"           | (2)     | 18"x25"x2"                  | (4) |
| D-1500-G20 | 30"           | 45.8            | 7" VC        | 14" VC | 1-1/4"         | 10 TON        | 10 TON | 16"x20"x2"        | (4) | 15"x15"x2"           | (2)     | 18"x25"x2"                  | (4) |

**MAJD CONDENSING UNIT WEIGHT TO WEIGHT IN TABLE ABOVE**

**Direct Fired Profile Plate Specifications:**

Direct Fired burners shall have patented air Patent No. US2833293, self-cleaning profile plates designed to ensure proper air velocity and pressure drop across the burner. Profile plates shall allow burners to achieve clean combustion by limiting by-product levels to a maximum of 50ppm of carbon monoxide (CO), and 0.5ppm of nitrogen dioxide (NO2).

**Application:**

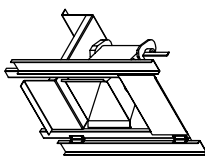
Spring-loaded burner profile plates are engineered to automatically react to the operation of the burner. The burner profile plates are designed to self-clean and maintain optimal combustion. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

**General Construction:**

Profile plates shall be formed from G90 galvanized steel.

Profile plates shall be permanently mounted along the same plane as the discharge of the burner. Design shall incorporate properly torqued, permanently mounted spring hinges.

Profile plates shall be included in the DF unit's ETL listing and comply with combined safety standards ANSI Z83.4 and CSA 3.7 (non-retracting DF heaters) and ANSI Z83.8 (retracting DF heaters).



Direct Fired (DF) Profile Plate Assembly