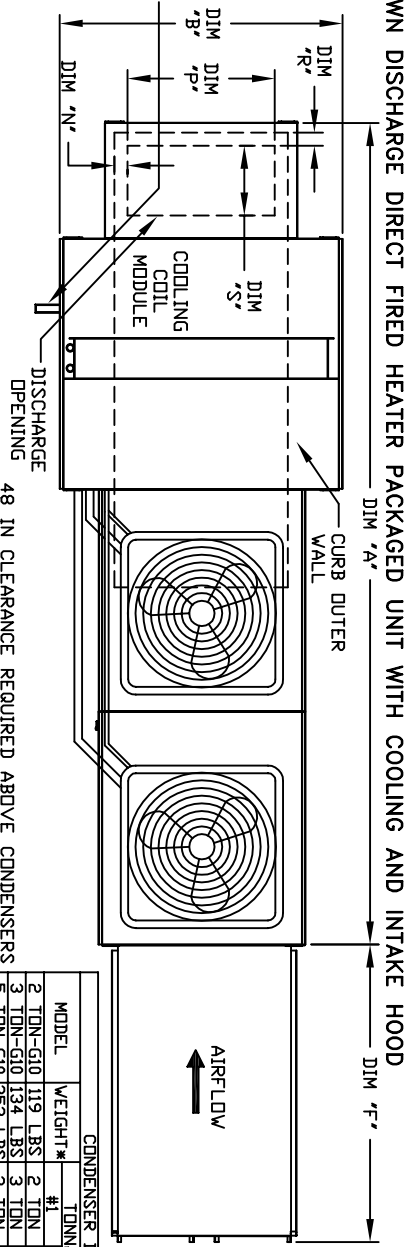


MODULAR OUTDOOR DOWN DISCHARGE DIRECT FIRED HEATER PACKAGED UNIT WITH COOLING AND INTAKE HOOD

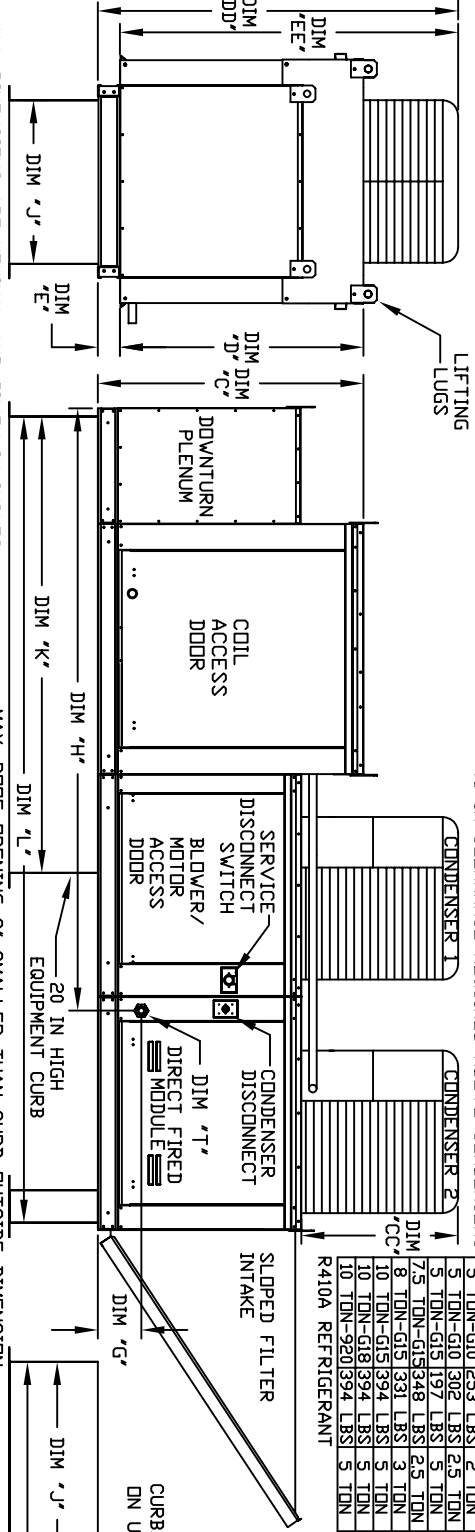


1" NPT CONNECTION FOR SS PITCHED DRAIN PAN



CONDENSER INFORMATION

| MODEL | WEIGHT* | #1 TONNAGE | #2 TONNAGE | CC | DD | EE |
|-------------|---------|------------|------------|----------|---------|----------|
| 2 TON-G10 | 119 LBS | 2 TON | N/A | 26-5/16 | 56-1/16 | 52-3/8 |
| 3 TON-G10 | 134 LBS | 3 TON | N/A | 33-5/16 | 63-1/16 | 59-3/8 |
| 5 TON-G10 | 253 LBS | 2 TON | 3 TON | 33-5/16 | 63-1/16 | 59-3/8 |
| 5 TON-G10 | 302 LBS | 2.5 TON | 2.5 TON | 32-13/16 | 62-9/16 | 58-7/8 |
| 5 TON-G10 | 197 LBS | 5 TON | N/A | 32-13/16 | 69-9/16 | 65-7/8 |
| 7.5 TON-G15 | 348 LBS | 2.5 TON | 5 TON | 32-13/16 | 69-9/16 | 65-7/8 |
| 8 TON-G15 | 331 LBS | 3 TON | 5 TON | 33-5/16 | 71-1/16 | 68 |
| 10 TON-G18 | 394 LBS | 5 TON | 5 TON | 32-13/16 | 69-9/16 | 65-7/8 |
| 10 TON-G18 | 394 LBS | 5 TON | 5 TON | 32-13/16 | 76-3/16 | 70-7/8 |
| 10 TON-G20 | 394 LBS | 5 TON | 5 TON | 32-13/16 | 97-3/16 | 91-15/16 |



ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

48 IN CLEARANCE REQUIRED ABOVE CONDENSERS

| MODEL | WEIGHT* | BTU RANGE (KBRH) | | | GAS PRESSURE | | GAS CONNECTION | TONNAGE RANGE | | FILTERS | | S | | | |
|-----------|----------|------------------|---------|--------|--------------|--------|----------------|---------------|-----|---------|----------|---------|--------|---------|--------|
| | | A | B | C | D | E | | F | G | H | J | | K | L | N |
| D250-G10 | 1030 LBS | 39-3/8 | 42-3/4 | 39 | 3-3/4 | 44-3/8 | 7-13/16 | 95-7/16 | 21 | 71 | 131-5/8 | 3-9/16 | 13-7/8 | 1-13/16 | 11-1/2 |
| D500-G10 | 1035 LBS | 39-3/8 | 42-3/4 | 39 | 3-3/4 | 44-3/8 | 7-13/16 | 95-7/16 | 21 | 71 | 131-5/8 | 3-9/16 | 13-7/8 | 1-13/16 | 11-1/2 |
| D250-G15 | 1385 LBS | 49-3/8 | 47-3/4 | 44 | 3-3/4 | 53-5/8 | 7-13/16 | 109-7/16 | 31 | 79 | 145-5/8 | 4-5/16 | 22-3/8 | 1-9/16 | 18 |
| D500-G15 | 1390 LBS | 49-3/8 | 47-3/4 | 44 | 3-3/4 | 53-5/8 | 7-13/16 | 109-7/16 | 31 | 79 | 145-5/8 | 4-5/16 | 22-3/8 | 1-9/16 | 18 |
| D750-G15 | 1395 LBS | 49-3/8 | 47-3/4 | 44 | 3-3/4 | 53-5/8 | 7-13/16 | 109-7/16 | 31 | 79 | 145-5/8 | 4-5/16 | 22-3/8 | 1-9/16 | 18 |
| D500-G18 | 1615 LBS | 54-3/8 | 56-3/8 | 51-1/8 | 5-1/4 | 51-5/8 | 9-1/2 | 114-7/16 | 35 | 84 | 150-5/8 | 6-5/16 | 22-3/8 | 1-1/2 | 18 |
| D750-G18 | 1620 LBS | 54-3/8 | 56-3/8 | 51-1/8 | 5-1/4 | 51-5/8 | 9-1/2 | 114-7/16 | 35 | 84 | 150-5/8 | 6-5/16 | 22-3/8 | 1-1/2 | 18 |
| D1000-G18 | 1620 LBS | 54-3/8 | 56-3/8 | 51-1/8 | 5-1/4 | 51-5/8 | 9-1/2 | 114-7/16 | 35 | 84 | 150-5/8 | 6-5/16 | 22-3/8 | 1-1/2 | 18 |
| D1000-G20 | 2605 LBS | 203-3/16 | 60-7/16 | 64-3/8 | 59-1/8 | 5-1/4 | 76-3/8 | 13-9/16 | 151 | 42 | 115-3/16 | 199-7/8 | 5-1/4 | 3-1/2 | 23-1/2 |
| D1500-G20 | 2620 LBS | 203-3/16 | 60-7/16 | 64-3/8 | 59-1/8 | 5-1/4 | 76-3/8 | 13-9/16 | 151 | 42 | 115-3/16 | 199-7/8 | 5-1/4 | 3-1/2 | 23-1/2 |

UNIT INFORMATION

| MODEL | BURNER LENGTH | BTU LOW | BTU HIGH | GAS PRESSURE | | GAS CONNECTION | TONNAGE RANGE | | FILTERS | | S |
|-----------|---------------|---------|----------|--------------|--------|----------------|---------------|--------|-----------------|---------------------|---|
| | | | | MIN | MAX | | MIN | MAX | MIN | MAX | |
| D250-G10 | 6" | 18 | 2/5 | 7" WC | 14" WC | 3/4 | 2 TON | 5 TON | 16"x20"x2" (3) | @3000 CFM = 572 FPM | |
| D500-G10 | 6" | 18 | 2/5 | 7" WC | 14" WC | 3/4 | 2 TON | 5 TON | 16"x20"x2" (3) | @3000 CFM = 572 FPM | |
| D250-G15 | 12" | 18 | 2/5 | 7" WC | 14" WC | 3/4 | 2 TON | 5 TON | 16"x20"x2" (3) | @3000 CFM = 572 FPM | |
| D500-G15 | 12" | 18 | 2/5 | 7" WC | 14" WC | 3/4 | 2 TON | 5 TON | 16"x20"x2" (3) | @3000 CFM = 572 FPM | |
| D750-G15 | 18" | 18 | 2/5 | 7" WC | 14" WC | 3/4 | 2 TON | 5 TON | 16"x20"x2" (3) | @3000 CFM = 572 FPM | |
| D500-G18 | 12" | 18 | 2/5 | 7" WC | 14" WC | 3/4 | 2 TON | 5 TON | 16"x20"x2" (3) | @3000 CFM = 572 FPM | |
| D750-G18 | 18" | 18 | 2/5 | 7" WC | 14" WC | 3/4 | 2 TON | 5 TON | 16"x20"x2" (3) | @3000 CFM = 572 FPM | |
| D1000-G18 | 24" | 1100 | 1100 | 7" WC | 14" WC | 1-1/4 | 10 TON | 10 TON | 16"x20"x2" (6) | @3000 CFM = 762 FPM | |
| D1000-G20 | 24" | 1100 | 1100 | 7" WC | 14" WC | 1-1/4 | 10 TON | 10 TON | 16"x20"x2" (10) | @3000 CFM = 743 FPM | |
| D1500-G20 | 30" | 4518 | 1375 | 7" WC | 5 PSI | 1-1/4 | 10 TON | 10 TON | 16"x20"x2" (10) | @1300 CFM = 743 FPM | |

Direct Fired Profile Plate Specifications:
 Resection:
 Direct fired burners shall have patented US Patent No. US6629222, self-adjusting profile plates shall allow burners to achieve clean combustion by lifting by-product levels to a medium of 3ppm of carbon monoxide (CO), and Disp of Nitrogen dioxide (NO2).
 Applications:
 Spring-loaded burner profile plates are engineered to automatically react to the momentum of a fresh air stream, without the need for any motors or actuators to mechanically adjust the Van der Waals, all of which are designed for demand control ventilation (DCV) requirements.
 Identification:
 All profile plate assemblies shall be included in the DF units' ETL listing and comply with combie MKS264 and SM 31 (interpreting including DF heaters) and ANSI Z89.8.
General Construction:
 Profile plates shall be formed from G90 galvanized steel.
 Profile plates shall vary in size per unit.
 Profile plates shall be mounted along the same plane as the discharge of the burner.
 Design shall incorporate proper torqued, permanently mounted spring hinges.
 Between remote shall be made from stainless steel.