

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

| MODEL      | A   | B   | C       | D      | E       | F     | G  | H       | J        | K     | L      | M      | N     | P      | R      | S       | T       | U       | UU      | V       | X     | Y   | Z   |       |    |
|------------|-----|-----|---------|--------|---------|-------|----|---------|----------|-------|--------|--------|-------|--------|--------|---------|---------|---------|---------|---------|-------|-----|-----|-------|----|
| D-250-G10  | 138 | 7/8 | 27-3/8  | 29-3/4 | 26-1/16 | 3-3/4 | 36 | 13-1/16 | 34-13/16 | 3-1/8 | 16-3/4 | 21-7/8 | 5-3/4 | 13-1/4 | 11-1/2 | 6-3/8   | 11-7/8  | 31-1/8  | 73-1/4  | 105-3/8 | 4-1/2 | 288 | 1/2 | 13    |    |
| D-500-G10  | 138 | 7/8 | 27-3/8  | 29-3/4 | 26-1/16 | 3-3/4 | 36 | 13-1/16 | 34-13/16 | 3-1/8 | 16-3/4 | 21-7/8 | 5-3/4 | 13-1/4 | 11-1/2 | 6-3/8   | 11-7/8  | 31-1/8  | 73-1/4  | 105-3/8 | 4-1/2 | 288 | 1/2 | 13    |    |
| D-250-G15  | 146 | 7/8 | 31-3/8  | 33-1/2 | 33-1/16 | 3-3/4 | 44 | 15-1/8  | 37-1/8   | 3-1/8 | 24-3/4 | 28-7/8 | 5-3/4 | 14-1/8 | 13-3/4 | 8-5/8   | 14-1/16 | 39-1/8  | 81-1/4  | 113-3/8 | 4-1/2 | 388 | 1/2 | 18    |    |
| D-500-G15  | 146 | 7/8 | 31-3/8  | 33-1/2 | 33-1/16 | 3-3/4 | 44 | 15-1/8  | 37-1/8   | 3-1/8 | 24-3/4 | 28-7/8 | 5-3/4 | 14-1/8 | 13-3/4 | 8-5/8   | 14-1/16 | 39-1/8  | 81-1/4  | 113-3/8 | 4-1/2 | 388 | 1/2 | 18    |    |
| D-750-G15  | 146 | 7/8 | 31-3/8  | 33-1/2 | 33-1/16 | 3-3/4 | 44 | 15-1/8  | 37-1/8   | 3-1/8 | 24-3/4 | 28-7/8 | 5-3/4 | 14-1/8 | 13-3/4 | 8-5/8   | 14-1/16 | 39-1/8  | 81-1/4  | 113-3/8 | 4-1/2 | 388 | 1/2 | 18    |    |
| D-1000-G18 | 163 | 7/8 | 41-3/8  | 43-3/8 | 38-1/16 | 5-1/4 | 60 | 21-1/2  | 47-13/16 | 4-5/8 | 29-1/4 | 33-7/8 | 7-1/2 | 22     | 19     | 9       | 17-7/8  | 44-1/8  | 86-1/4  | 124-3/8 | 4-1/2 | 44  | 20  | 57    |    |
| D-750-G18  | 163 | 7/8 | 41-3/8  | 43-3/8 | 38-1/16 | 5-1/4 | 60 | 21-1/2  | 47-13/16 | 4-5/8 | 29-1/4 | 33-7/8 | 7-1/2 | 22     | 19     | 9       | 17-7/8  | 44-1/8  | 86-1/4  | 124-3/8 | 4-1/2 | 44  | 20  | 57    |    |
| D-1000-G18 | 163 | 7/8 | 41-3/8  | 43-3/8 | 38-1/16 | 5-1/4 | 60 | 21-1/2  | 47-13/16 | 4-5/8 | 29-1/4 | 33-7/8 | 7-1/2 | 22     | 19     | 9       | 17-7/8  | 44-1/8  | 86-1/4  | 124-3/8 | 4-1/2 | 44  | 20  | 57    |    |
| D-1000-G20 | 189 | 1/8 | 48-7/16 | 51-3/8 | 45-1/8  | 5-1/4 | 60 | 24-7/8  | 55-5/16  | 4-5/8 | 36-1/4 | 41-7/8 | 7-1/2 | 24-7/8 | 24-7/8 | 11-1/16 | 19      | 63-3/16 | 117-3/8 | 152-5/8 | 4-1/2 | 41  | 182 | 3-1/2 | 52 |
| D-1000-G20 | 189 | 1/8 | 48-7/16 | 51-3/8 | 45-1/8  | 5-1/4 | 60 | 24-7/8  | 55-5/16  | 4-5/8 | 36-1/4 | 41-7/8 | 7-1/2 | 24-7/8 | 24-7/8 | 11-1/16 | 19      | 63-3/16 | 117-3/8 | 152-5/8 | 4-1/2 | 41  | 182 | 3-1/2 | 52 |
| D-2000-G25 | 199 | 1/4 | 59-3/16 | 58-3/8 | 53-1/8  | 5-1/4 | 72 | 13-3/4  | 76-7/16  | 4-5/8 | 47     | 48-7/8 | 7-1/2 | 31-3/8 | 31-3/8 | 3-7/16  | 21-1/4  | 73-3/16 | 127-3/8 | 162-3/8 | 4-1/2 | 41  | 182 | 3-1/2 | 52 |
| D-2500-G25 | 199 | 1/4 | 59-3/16 | 58-3/8 | 53-1/8  | 5-1/4 | 72 | 13-3/4  | 76-7/16  | 4-5/8 | 47     | 48-7/8 | 7-1/2 | 31-3/8 | 31-3/8 | 3-7/16  | 21-1/4  | 73-3/16 | 127-3/8 | 162-3/8 | 4-1/2 | 41  | 182 | 3-1/2 | 52 |

UNIT INFORMATION

| MODEL      | BURNER LENGTH | BTU LOW | BTU HIGH | GAS PRESSURE |     | GAS CONNECTION | STANDARD EVAPORATIVE COOLING UNIT |        |                  |      |          |       |                |     |        |                  |      |             | CELDK EVAPORATIVE COOLING UNIT |                |                   |                   |     |            |      |  |  |  |  |  | V-BANK FILTER |  |
|------------|---------------|---------|----------|--------------|-----|----------------|-----------------------------------|--------|------------------|------|----------|-------|----------------|-----|--------|------------------|------|-------------|--------------------------------|----------------|-------------------|-------------------|-----|------------|------|--|--|--|--|--|---------------|--|
|            |               |         |          | MIN          | MAX |                | WT.                               | WEIGHT | MEDIA SIZE & QTY | VEL. | MAX. CFM | WZLES | MAX. FLOW RATE | WT. | WEIGHT | MEDIA SIZE & QTY | VEL. | MAX. CFM    | WZLES                          | MAX. FLOW RATE | FILTER SIZE & QTY | FILTER SIZE & QTY |     |            |      |  |  |  |  |  |               |  |
| D-250-G10  | 6"            | 18      | 550      | 7"           | 14" | 3/4            | 775                               | LBS    | 20"x25"x2"       | (3)  | 406      | FPM   | 6              | 3   | GPH    | 780              | LBS  | 20"x24"x12" | 1050                           | FPM            | 12                | 3.9               | GPH | 20"x25"x2" | (3)  |  |  |  |  |  |               |  |
| D-500-G10  | 6"            | 18      | 550      | 7"           | 14" | 3/4            | 785                               | LBS    | 20"x25"x2"       | (3)  | 406      | FPM   | 6              | 3   | GPH    | 785              | LBS  | 20"x24"x12" | 1050                           | FPM            | 12                | 3.9               | GPH | 20"x25"x2" | (3)  |  |  |  |  |  |               |  |
| D-250-G15  | 6"            | 18      | 550      | 7"           | 14" | 3/4            | 1095                              | LBS    | 16"x20"x2"       | (8)  | 429      | FPM   | 10             | 5   | GPH    | 1095             | LBS  | 25"x32"x12" | 1080                           | FPM            | 20                | 6.5               | GPH | 16"x20"x2" | (8)  |  |  |  |  |  |               |  |
| D-500-G15  | 6"            | 18      | 550      | 7"           | 14" | 3/4            | 1095                              | LBS    | 16"x20"x2"       | (8)  | 429      | FPM   | 10             | 5   | GPH    | 1095             | LBS  | 25"x32"x12" | 1080                           | FPM            | 20                | 6.5               | GPH | 16"x20"x2" | (8)  |  |  |  |  |  |               |  |
| D-750-G15  | 12"           | 27.5    | 825      | 7"           | 14" | 3/4            | 1100                              | LBS    | 16"x20"x2"       | (8)  | 429      | FPM   | 10             | 5   | GPH    | 1095             | LBS  | 25"x32"x12" | 1080                           | FPM            | 20                | 6.5               | GPH | 16"x20"x2" | (8)  |  |  |  |  |  |               |  |
| D-1000-G18 | 12"           | 18      | 350      | 7"           | 14" | 3/4            | 1285                              | LBS    | 20"x25"x2"       | (8)  | 348      | FPM   | 14             | 7   | GPH    | 1280             | LBS  | 30"x36"x12" | 1067                           | FPM            | 28                | 8.4               | GPH | 20"x25"x2" | (8)  |  |  |  |  |  |               |  |
| D-750-G18  | 12"           | 18      | 350      | 7"           | 14" | 3/4            | 1295                              | LBS    | 20"x25"x2"       | (8)  | 348      | FPM   | 14             | 7   | GPH    | 1285             | LBS  | 30"x36"x12" | 1067                           | FPM            | 28                | 8.4               | GPH | 20"x25"x2" | (8)  |  |  |  |  |  |               |  |
| D-1000-G18 | 12"           | 18      | 350      | 7"           | 14" | 3/4            | 1295                              | LBS    | 20"x25"x2"       | (8)  | 348      | FPM   | 14             | 7   | GPH    | 1285             | LBS  | 30"x36"x12" | 1067                           | FPM            | 28                | 8.4               | GPH | 20"x25"x2" | (8)  |  |  |  |  |  |               |  |
| D-1000-G20 | 24"           | 36.6    | 1100     | 7"           | 14" | 3/4            | 1990                              | LBS    | 16"x20"x2"       | (15) | 572      | FPM   | 24             | 12  | GPH    | 1960             | LBS  | 38"x43"x12" | 1322                           | FPM            | 35                | 10.15             | GPH | 20"x25"x2" | (15) |  |  |  |  |  |               |  |
| D-1500-G20 | 30"           | 45.8    | 1375     | 7"           | 14" | 3/4            | 2005                              | LBS    | 16"x20"x2"       | (15) | 572      | FPM   | 24             | 12  | GPH    | 1975             | LBS  | 38"x43"x12" | 1322                           | FPM            | 35                | 10.15             | GPH | 20"x25"x2" | (15) |  |  |  |  |  |               |  |
| D-2000-G25 | 48"           | 73.3    | 2200     | 7"           | 14" | 3/4            | 2635                              | LBS    | 20"x25"x2"       | (12) | 638      | FPM   | 30             | 15  | GPH    | 2595             | LBS  | 45"x34"x12" | 1304                           | FPM            | 42                | 12.6              | GPH | 20"x25"x2" | (12) |  |  |  |  |  |               |  |
| D-2500-G25 | 60"           | 91.6    | 2750     | 7"           | 14" | 3/4            | 2630                              | LBS    | 20"x25"x2"       | (12) | 638      | FPM   | 30             | 15  | GPH    | 2610             | LBS  | 45"x34"x12" | 1304                           | FPM            | 42                | 12.6              | GPH | 20"x25"x2" | (12) |  |  |  |  |  |               |  |

\*\*MAX. EVAP WATER PRESSURE = 50 PSI @ 70 DEG. F

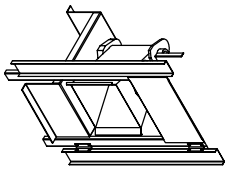
Direct Fired Profile Plate Specifications

Direct fired burner shall have patented US Patent No. US669232B2, self-adjusting profile plates designed to ensure proper air velocity and pressure drop across the burner profile plates. Profile plates shall allow burners to achieve clean combustion by limiting by-product formation or 3ppm of carbon monoxide (CO), and 3ppm of nitrogen dioxide (NO2).

Spring-loaded burner profile plates are engineered to automatically react to the momentum of gas flow. Spring, motor, and feed for motor are standard on all models. Burner profile plates are designed for use with gas, oil, or diesel fuel. Burner profile plates are designed for use with gas, oil, or diesel fuel. Burner profile plates are designed for use with gas, oil, or diesel fuel.

Direct fired burner profile plates shall be included in the burner's ETL listing and comply with combined safety standards ANSI Z83.4 and CSA 3.7 non-recalculating burner heaters and ANSI Z83.18 non-recalculating burner heaters.

General Construction  
Profile plates shall be formed from 590 galvanized steel.  
Profile plates shall vary in size per unit.  
Profile plates shall be mounted on the same plane as the discharge of the burner.  
Design shall incorporate properly torqued, permanently mounted spring hinges.



Direct Fired (DF) Profile Plate Assembly