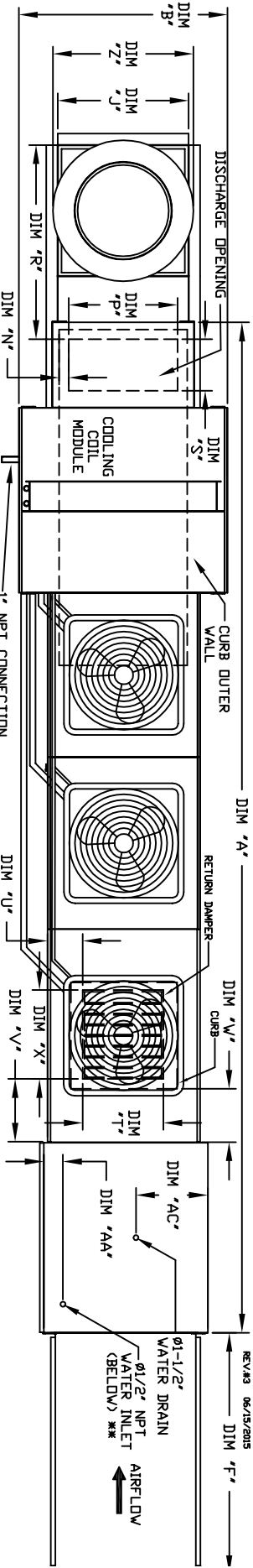
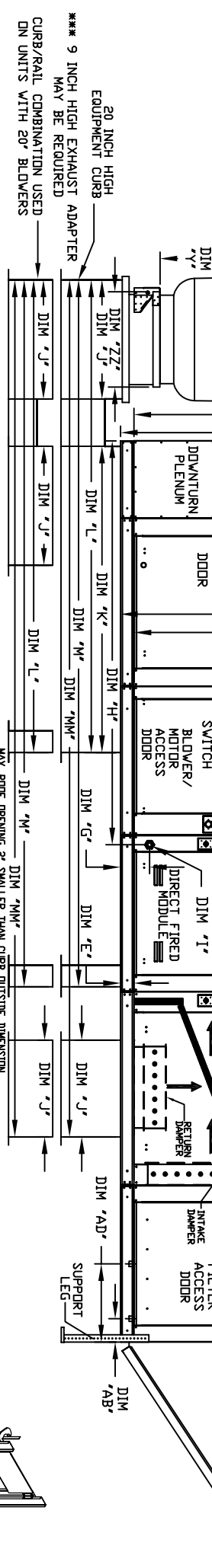


MODULAR OUTDOOR DOWN DISCHARGE DIRECT FIRED RECIRCULATING HEATER-ROOF TOP PACKAGE WITH COOLING, LPD EVAPORATIVE COOLER INTAKE AND INTAKE HOOD



EXHAUST UNIT DIMENSIONS

| MODEL # | Y | Z | ZZ *** |
|---------|--------|--------|--------|
| NC82FA | 14-1/2 | 22 | 19 |
| NC83FA | 18-1/2 | 27-1/4 | 21 |
| NC84FA | 21-1/2 | 30-1/4 | 21 |
| NC85FA | 23 | 33-3/4 | 24-3/4 |
| NC86FA | 23-1/2 | 39-3/8 | 28 |
| NC87FA | 29-1/2 | 38-7/8 | 28 |
| NC88FA | 30-5/8 | 43-3/8 | 33 |
| NC89FA | 33-1/2 | 52-3/4 | 40 |



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 | V | W | X | Y | Z | ZZ *** | | |
|-----------|---------|---------|--------|--------|-------|--------|---------|----------|----|----------|----------|---------|----------|--------|--------|----------|--------|----|----|----|-------|----|-------|--------|--------|--------|
| D500-G18 | 231-5/8 | 54-3/8 | 56-3/8 | 51-1/8 | 5-1/4 | 76-3/8 | 9-1/2 | 114-7/16 | 35 | 84 | 133 | 199-5/8 | 239-1/16 | 6-5/16 | 22-3/8 | 49-1/2 | 18 | 28 | 8 | 7 | 4-1/2 | 30 | 4-1/2 | 5-3/4 | 23-1/2 | 17-1/2 |
| D750-G18 | 231-5/8 | 54-3/8 | 56-3/8 | 51-1/8 | 5-1/4 | 76-3/8 | 9-1/2 | 114-7/16 | 35 | 84 | 133 | 199-5/8 | 239-1/16 | 6-5/16 | 22-3/8 | 49-1/2 | 18 | 28 | 8 | 7 | 4-1/2 | 30 | 4-1/2 | 5-3/4 | 23-1/2 | 17-1/2 |
| D1000-G18 | 231-5/8 | 54-3/8 | 56-3/8 | 51-1/8 | 5-1/4 | 76-3/8 | 9-1/2 | 114-7/16 | 35 | 84 | 133 | 199-5/8 | 239-1/16 | 6-5/16 | 22-3/8 | 49-1/2 | 18 | 28 | 8 | 7 | 4-1/2 | 30 | 4-1/2 | 5-3/4 | 23-1/2 | 17-1/2 |
| D1500-920 | 292-7/8 | 60-7/16 | 64-3/8 | 59-1/8 | 5-1/4 | 71-3/8 | 13-9/16 | 151 | 42 | 115-3/16 | 171-3/16 | 255-7/8 | 303-7/8 | 5-1/4 | 31-1/2 | 56-13/16 | 23-1/2 | 32 | 10 | 11 | 8 | 36 | 4-1/2 | 5-3/4 | 28-7/8 | 17-1/2 |

| MODEL | BURNER | BTU LOW | BTU HIGH | GAS PRESSURE | GAS CONNECTION | TONNAGE RANGE |
|-----------|--------|---------|----------|--------------|----------------|---------------|
| D500-G18 | 12" | 18 | 550 | 7" VC | 1/2" GNET | 15 Ton |
| D750-G18 | 18" | 27.5 | 825 | 7" VC | 1/2" GNET | 15 Ton |
| D1000-G18 | 24" | 36.6 | 1100 | 7" VC | 1/2" GNET | 15 Ton |
| D1500-920 | 30" | 45.8 | 1375 | 7" VC | 5 PSI | 15 Ton |

| MODEL | WEIGHT* | #1 TON | #2 TON | #3 TON | CC | DD | EE |
|----------------|---------|--------|--------|--------|----------|---------|----------|
| 15 TON-G18/S91 | 5 LBS | 5 TON | 5 TON | 5 TON | 32-13/16 | 76-3/16 | 70-7/8 |
| 15 TON-920/S91 | 5 LBS | 5 TON | 5 TON | 5 TON | 32-13/16 | 97-3/16 | 91-15/16 |

CONDENSER INFORMATION

| MODEL | CONDENSER INFORMATION | TONNAGE RANGE |
|-----------|-----------------------|---------------|
| D500-G18 | MIN. 15 Ton | MAX. 15 Ton |
| D750-G18 | MIN. 15 Ton | MAX. 15 Ton |
| D1000-G18 | MIN. 15 Ton | MAX. 15 Ton |
| D1500-920 | MIN. 15 Ton | MAX. 15 Ton |

| MODEL | CONDENSER INFORMATION | TONNAGE RANGE |
|-----------|-----------------------|---------------|
| D500-G18 | MIN. 15 Ton | MAX. 15 Ton |
| D750-G18 | MIN. 15 Ton | MAX. 15 Ton |
| D1000-G18 | MIN. 15 Ton | MAX. 15 Ton |
| D1500-920 | MIN. 15 Ton | MAX. 15 Ton |

CELDEK EVAPORATIVE COOLING UNIT

| TON. WEIGHT | MEDIA SIZE & QTY | NOZZLES | MAX. FLOW RATE |
|-------------|------------------|---------|----------------|
| 2315 LBS | 38"x43"x12" | 35 | 1015 GPH |
| 2320 LBS | 38"x43"x12" | 35 | 1015 GPH |
| 2325 LBS | 38"x43"x12" | 35 | 1015 GPH |
| 3460 LBS | 45"x54"x12" | 42 | 126 GPH |
| 3475 LBS | 45"x54"x12" | 42 | 126 GPH |

OPTIONAL MIXING BOX FILTERS

| MODEL | FLITER SIZE & QTY |
|-----------|--------------------------------|
| D500-G18 | 15"x20"x2" (4), 15"x15"x2" (2) |
| D750-G18 | 15"x20"x2" (4), 15"x15"x2" (2) |
| D1000-G18 | 15"x20"x2" (4), 15"x15"x2" (2) |
| D1500-920 | 18"x23"x2" (4), 18"x15"x2" (2) |

Direct Fired Profile Plate Specifications:

Direct fired burners shall have patented US Patent No. US669292B2, self-adjusting profile plates designed to ensure proper air velocity and pressure drop across the burner. Profile plates shall allow burners to achieve clean combustion by lifting by-product levels to a maximum of 50ppm of carbon monoxide (CO), and 50ppm of nitrogen dioxide (NO2).

Application:

Direct fired 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 them. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

Qualification:

All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combined safety standards ANSI Z83.4 and CSA 37 (non-recirculating DF heaters) and ANSI Z83.8 (recirculating DF heaters).

General Construction:

Profile plates shall be formed from 60g 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.

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