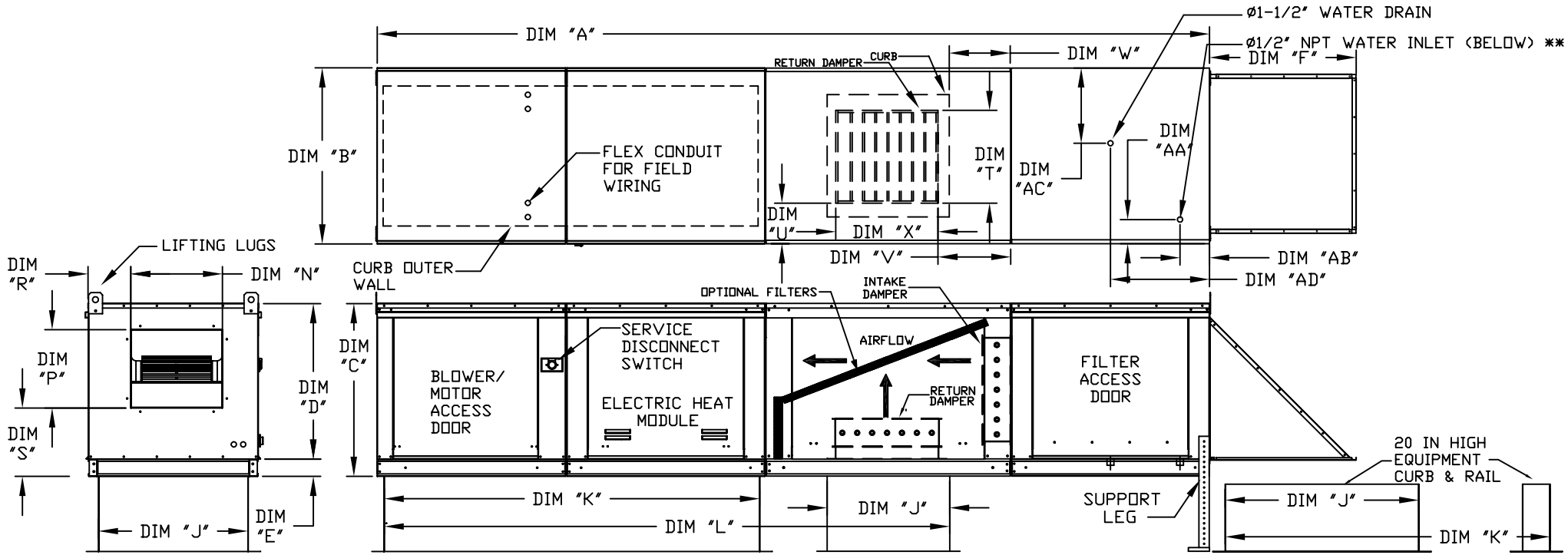
# MODULAR OUTDOOR SIDE DISCHARGE ELECTRIC HEATER WITH EVAPORATIVE COOLER, MIXING BOX AND SCREEN INTAKE

SIECMBEHSAH
REV.#0 08/03/2011




MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION.

CURB/RAIL COMBINATION USED IN PLACE OF SINGLE CURB ON UNITS WITH 20" AND 25" BLOWERS

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

| | UNIT DIMENSIONS | | | | | | CURB | | | DISCHARGE OPENING | | | | RETURN DAMPER OPENING | | | | | WATER INLET | | DRAIN OPENING | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MODEL | A | B | C | D | E | F | J | K | L | N | P | R | S | T | U | V | W | X | AA | AB | AC | AD |
| E1-G10 | 148-7/8 | 27-3/8 | 29-3/4 | 26-1/16 | 3-3/4 | 22-3/8 | 21 | 71 | 102-7/16 | 13-1/4 | 11-1/2 | 6-3/8 | 11-7/8 | 14 | 8 | 14 | 12.5 | 18 | 4-1/2 | 6-1/4 | 13 | 16 |
| E2-G15 | 156-7/8 | 37-3/8 | 36-3/4 | 33-1/16 | 3-3/4 | 30-5/16 | 31 | 79 | 115-7/16 | 18-3/4 | 16 | 8-5/8 | 14-1/16 | 22-3/4 | 8 | 11 | 7.5 | 24 | 4-1/2 | 6-1/4 | 18 | 16 |
| E3-G18 | 167-7/8 | 41-3/8 | 43-3/8 | 38-1/16 | 5-1/4 | 34-3/16 | 35 | 84 | 123-7/16 | 22 | 19 | 9 | 17-7/8 | 28 | 8 | 7 | 4.5 | 30 | 4-1/2 | 5-3/4 | 20 | 19 |
| E4-920 | 208-3/16 | 48-7/16 | 51-3/8 | 46-1/8 | 5-1/4 | 47-1/4 | 42 | 115-3/16 | 163-3/16 | 24-7/8 | 24-7/8 | 11-1/16 | 19-1/8 | 33 | 10 | 11 | 8 | 36 | 4-1/2 | 5-3/4 | 23-1/2 | 17-1/2 |
| E5-925 | 218-3/16 | 59-3/16 | 58-3/8 | 53-1/8 | 5-1/4 | 49-5/8 | 52-3/4 | 125-3/16 | 179-15/16 | 31-3/8 | 31-3/8 | 13-3/16 | 21-9/16 | 43 | 10 | 6-1/2 | 1-1/4 | 43 | 4-1/2 | 5-3/4 | 28-7/8 | 17-1/2 |

UNIT INFORMATION

| MODEL | FILTER SIZE & QTY | MAX. FILTER VELOCITY |
|---|---|---|
| E1-G10 | 16"x20"x2" (3) | @3600 CFM = 686 FPM |
| E2-G15 | 20"x25"x2" (3) | @6500 CFM = 754 FPM |
| E3-G18 | 16"x20"x2" (6) | @8000 CFM = 762 FPM |
| E4-920 | 16"x20"x2" (10) | @13000 CFM = 743 FPM |
| E5-925 | 20"x25"x2" (8) | @22000 CFM = 956 FPM |

| STANDARD EVAPORATIVE COOLING UNIT | | | | |
|---|---|---|---|---|
| TOT. WEIGHT | MEDIA SIZE & QTY | VEL. @ MAX. CFM | NOZZLES | MAX. FLOW RATE |
| 815 LBS | 20"x25"x2" (3) | 406 FPM | 6 | 3 GPH |
| 1170 LBS | 16"x20"x2" (8) | 429 FPM | 10 | 5 GPH |
| 1455 LBS | 20"x25"x2" (8) | 348 FPM | 14 | 7 GPH |
| 2350 LBS | 16"x20"x2" (15) | 572 FPM | 24 | 12 GPH |
| 3060 LBS | 20"x25"x2" (12) | 638 FPM | 30 | 15 GPH |

| CELDEK EVAPORATIVE COOLING UNIT | | | | |
|---|---|---|---|---|
| TOT. WEIGHT | MEDIA SIZE & QTY | VEL. @ MAX. CFM | NOZZLES | MAX. FLOW RATE |
| 820 LBS | 20"x24"x12" | 1050 FPM | 12 | 3.9 GPH |
| 1165 LBS | 25"x32"x12" | 1080 FPM | 20 | 6.5 GPH |
| 1445 LBS | 30"x36"x12" | 1067 FPM | 28 | 8.4 GPH |
| 2320 LBS | 38"x43"x12" | 1322 FPM | 35 | 10.15 GPH |
| 3020 LBS | 45"x54"x12" | 1304 FPM | 42 | 12.6 GPH |

| OPTIONAL MIXING BOX FILTERS | |
|---|---|
| MODEL | FILTER SIZE & QTY |
| E1-G10 | 10"x16"x2" (5) |
| E2-G15 | 20"x25"x2" (2), 16"x25"x2" (1) |
| E3-G18 | 15"x20"x2" (4), 15"x15"x2" (2) |
| E4-920 | 18"x25"x2" (4), 16"x20"x2" (2) |
| E5-925 | 14.5"x19"x2" (12) |

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