

AIRA

AL

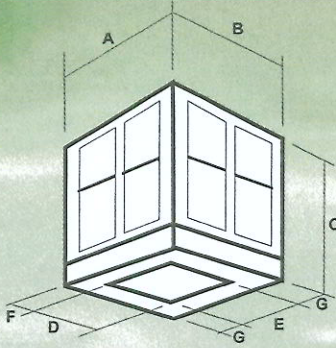
series



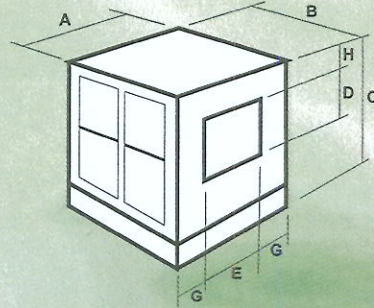
AIRACEL

evaporative
coolers

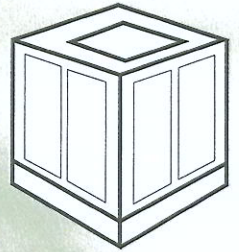
AL series AIRACEL evaporative coolers



DOWN DISCHARGE



SIDE DISCHARGE



OPTIONAL TOP DISCHARGE

DIMENSIONS (mm)

| MODEL | AL15 | | AL18 | | | | AL22 | | | | AL25 | | | AL30 | | | | AL33 | | | AL36 | | | |
|-------|-------|-----|------|------|-----|-----|------|------|-----|-----|------|------|-----|------|------|-----|-----|------|------|-----|------|------|-----|-----|
| | MOTOR | 007 | 011 | 011 | 015 | 022 | 030 | 015 | 022 | 030 | 040 | 030 | 040 | 055 | 040 | 055 | 075 | 110 | 075 | 110 | 150 | 110 | 150 | 185 |
| A | | 990 | | 990 | | | | 1208 | | | | 1550 | | | 1890 | | | | 1890 | | | 2125 | | |
| B | | 990 | | 990 | | | | 1208 | | | | 1550 | | | 1890 | | | | 1890 | | | 1890 | | |
| C | | 820 | | 1165 | | | | 1340 | | | | 1480 | | | 1830 | | | | 2055 | | | 2055 | | |
| D | | 470 | | 500 | | | | 690 | | | | 795 | | | 920 | | | | 1090 | | | 1090 | | |
| E | | 470 | | 545 | | | | 690 | | | | 795 | | | 920 | | | | 935 | | | 1090 | | |
| F | | 150 | | 135 | | | | 130 | | | | 195 | | | 195 | | | | 200 | | | 200 | | |
| G | | 260 | | 222 | | | | 259 | | | | 377 | | | 483 | | | | 477 | | | 525 | | |
| H | | 45 | | 270 | | | | 160 | | | | 160 | | | 200 | | | | 300 | | | 300 | | |

AIR QUANTITY (l/s high speed)

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Free Air | 2300 | 2800 | 3440 | 4020 | 4480 | 4930 | 4580 | 5590 | 6230 | 6980 | 7930 | 8930 | 9910 | 11520 | 12840 | 14250 | 14890 | 14200 | 17800 | 19500 | 20000 | - | - |
| 50 Pa | 1980 | 2490 | 3060 | 3690 | 4200 | 4720 | 4320 | 5200 | 5750 | 6610 | 7170 | 8600 | 9620 | 10660 | 12120 | 13740 | 14520 | 13900 | 17200 | 19000 | 19200 | 22400 | - |
| * 100 Pa | 1720 | 2280 | 2880 | 3260 | 4010 | 4530 | 4050 | 5090 | 5500 | 6370 | 6650 | 8000 | 9530 | 10140 | 11470 | 13220 | 14280 | 13600 | 16600 | 18700 | 18300 | 21800 | 22800 |
| * 150 Pa | 1570 | 2130 | 2640 | 2910 | 3780 | 4250 | 3690 | 4720 | 5240 | 6060 | 6140 | 7500 | 8820 | 9670 | 10910 | 12480 | 13520 | 13300 | 16100 | 18400 | 17800 | 19200 | 21400 |
| * 200 Pa | 1480 | 2010 | 2360 | 2650 | 3540 | 4010 | 3380 | 4480 | 4950 | 5830 | 5660 | 6940 | 8400 | 9180 | 10250 | 11890 | 12890 | 12700 | 15400 | 17800 | 16900 | 18700 | 20700 |
| * 250 Pa | 1320 | 1860 | 2170 | 2480 | 3390 | 3960 | 2860 | 4280 | 4720 | 5720 | 5000 | 6330 | 8260 | 8890 | 9580 | 11230 | 12100 | 12000 | 14500 | 17200 | 16100 | 18400 | 20300 |

BLOWER (FAN) MOTOR

| TYPE | DP | DP | DP | DP | TEFC | TEFC | DP | TEFC | TEFC | TEFC | TEFC | TEFC | TEFC | TEFC | TEFC | TEFC | TEFC | TEFC | TEFC | TEFC | TEFC | TEFC | TEFC |
|----------------|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| POWER | .75 | 1.1 | 1.1 | 1.5 | 2.2 | 3.0 | 1.5 | 2.2 | 3.0 | 4.0 | 3.0 | 4.0 | 5.5 | 4.0 | 5.5 | 7.5 | 11.0 | 7.5 | 11.0 | 15.0 | 11.0 | 15.0 | 18.5 |
| VOLTAGE | 240 | 240 | 240 | 240 | 415 | 415 | 240 | 415 | 415 | 415 | 415 | 415 | 415 | 415 | 415 | 415 | 415 | 415 | 415 | 415 | 415 | 415 | 415 |
| FULL LOAD AMPS | 5.2 | 6.0 | 6.0 | 8.5 | 4.8 | 6.9 | 8.5 | 4.8 | 6.9 | 7.8 | 6.9 | 7.8 | 11.0 | 7.8 | 11.0 | 14.0 | 21.0 | 14.0 | 21.0 | 35.0 | 21.0 | 28.0 | 35.0 |

WEIGHT (kg)

| | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DRY | 72 | 78 | 113 | 115 | 118 | 124 | 160 | 165 | 171 | 176 | 243 | 248 | 274 | 274 | 300 | 305 | 328 | 360 | 400 | 420 | 410 | 425 | 460 |
| OPERATING | 92 | 98 | 133 | 135 | 138 | 144 | 185 | 190 | 196 | 201 | 273 | 278 | 304 | 299 | 325 | 330 | 353 | 390 | 430 | 450 | 440 | 455 | 490 |

MODEL DESIGNATION

AL 22 D - 40 2

| MODEL SIZE | DISCHARGE | MOTOR SIZE | SPEED |
|------------|-----------|---------------|------------------|
| | D = Down | 07 = 0.75 kW | 1 = Single Speed |
| | S = Side | 11 = 1.1 kW | 2 = Two Speed |
| | | 15 = 1.5 kW | |
| | | 22 = 2.2 kW | |
| | | 30 = 3.0 kW | |
| | | 40 = 4.0 kW | |
| | | 55 = 5.5 kW | |
| | | 75 = 7.5 kW | |
| | | 110 = 11.0 kW | |
| | | 150 = 15.0 kW | |
| | | 185 = 18.5 kW | |

FEATURES:

- High Efficiency (*80%+) long life 75 mm CELPAD pads.
- Heavy duty, marine grade aluminium cabinet.
- Low water content ABS non corrosive water reservoir.
- Heavy duty centre hung forward curve, belt drive blowers.
- Sealed for life high quality shaft bearings.
- Strong, easy grip handles for simple 'cellpad' removal.

OPTIONAL EXTRAS:

- Mesh pad protection
- External metal louvres
- Dump valves
- Adjustable roof stands
- AIRA GDH Direct Fired Duct Heaters

AIRA PTY. LTD.
ABN 38 005 058 364

Specification subject to change without notice.

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