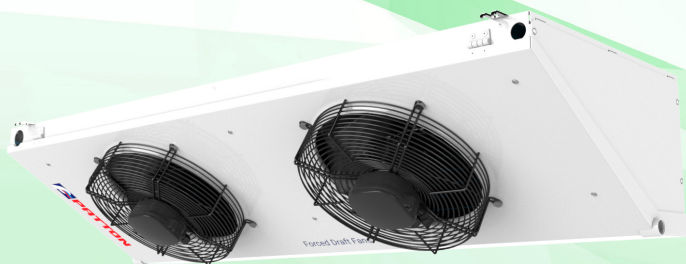


# A-Series

## Low Profile Evaporators



- Coil with optimised 3/8" Rifle bore tube
- White powder coated aluminium casing
- Patton Coat coil & fin corrosion protection
- High efficient external rotor fan motors
- Optional with EC fan motor assemblies
- Defrost heater termination/safety Klixon
- Ideal for large glass door cabinets

## A SERIES



1.4 6.7 kW

### MEDIUM TEMP

| MODELS         | AM    | 15-51 | 22-52 | 33-52 | 44-53 | 50-53 | 66-54 |
|----------------|-------|-------|-------|-------|-------|-------|-------|
| Capacity Watts | R404A | 1620  | 2310  | 3340  | 4540  | 5040  | 6740  |
| -4SST / 6KTD   | R448A | 1570  | 2250  | 3240  | 4410  | 4890  | 6540  |
|                | R134a | 1470  | 2110  | 3040  | 4130  | 4590  | 6130  |

### LOW TEMP

| MODELS         | AL    | 13-51 | 22-52 | 27-52 | 36-53 | 40-53 | 54-54 |
|----------------|-------|-------|-------|-------|-------|-------|-------|
| Capacity Watts | R404A | 1410  | 2220  | 2830  | 3800  | 4240  | 5650  |
| -24SST / 6KTD  | R448A | 1360  | 2130  | 2710  | 3650  | 4070  | 5430  |

- R448A listed ratings have been calculated at 'mid point' conditions.

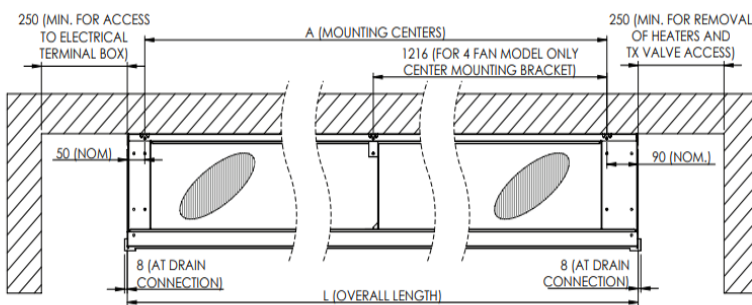
# TECHNICAL DATA

## MEDIUM TEMP

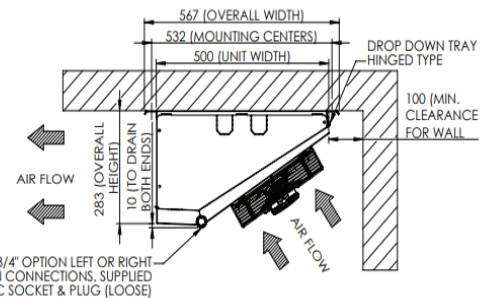
| MODELS     | AM           | 15-51        | 22-52 | 33-52 | 44-53 | 50-53 | 66-54 |
|------------|--------------|--------------|-------|-------|-------|-------|-------|
| Air Throw  | m            | 5            | 8     | 7.5   | 8.5   | 8     | 9.5   |
| Air Volume | l/sec        | 300          | 630   | 600   | 920   | 900   | 1200  |
| Fan Motors | Ø 300mm      | Num.         | 1     | 2     | 2     | 3     | 4     |
|            |              | Watts        | 85    | 170   | 170   | 255   | 340   |
|            |              | Amps         | 0.42  | 0.84  | 0.84  | 1.26  | 1.68  |
| Coil       | Circuit Vol. | dm3          | 2.1   | 2.7   | 4.2   | 5.2   | 8.5   |
|            | Connection   | Dist Inlet   | 1/2"  | 1/2"  | 1/2"  | 1/2"  | 1/2"  |
|            | F.Sw         | Suct Outlet  | 1/2"  | 5/8"  | 5/8"  | 3/4"  | 7/8"  |
|            |              | Rows & (fpi) | 6 (5) | 4 (5) | 6 (5) | 5 (5) | 6 (5) |
|            | Defrost      | Watts        | 1160  | 2120  | 2120  | 3080  | 4040  |
| Dimensions | (mm)         | L            | 774   | 1374  | 1374  | 1974  | 2574  |
|            |              | A            | 632   | 1232  | 1232  | 1832  | 2432  |
| Net Weight | kg           | 15           | 25    | 28    | 35    | 37    | 49    |

## LOW TEMP

| MODELS     | AL           | 13-51        | 22-52 | 27-52 | 36-53 | 40-53 | 54-54 |
|------------|--------------|--------------|-------|-------|-------|-------|-------|
| Air Throw  | m            | 5            | 8     | 7.5   | 8.5   | 8     | 9.5   |
| Air Volume | l/sec        | 300          | 630   | 600   | 920   | 900   | 1200  |
| Fan Motors | Ø 300mm      | Num.         | 1     | 2     | 2     | 3     | 4     |
|            |              | Watts        | 85    | 170   | 170   | 255   | 340   |
|            |              | Amps         | 0.42  | 0.84  | 0.84  | 1.26  | 1.68  |
| Coil       | Circuit Vol. | dm3          | 2.1   | 2.7   | 4.2   | 5.2   | 8.5   |
|            | Connection   | Dist Inlet   | 1/2"  | 1/2"  | 1/2"  | 1/2"  | 1/2"  |
|            | F.Sw         | Suct Outlet  | 1/2"  | 5/8"  | 5/8"  | 3/4"  | 7/8"  |
|            |              | Rows & (fpi) | 6 (5) | 4 (5) | 6 (5) | 5 (5) | 6 (5) |
|            | Defrost      | Watts        | 1690  | 3130  | 3130  | 4570  | 6010  |
| Dimensions | (mm)         | L            | 774   | 1374  | 1374  | 1974  | 2574  |
|            |              | A            | 632   | 1232  | 1232  | 1832  | 2432  |
| Net Weight | kg           | 17           | 27    | 30    | 37    | 39    | 51    |



FRONT ELEVATION



SIDE ELEVATION

### RELATIVE HUMIDITY GUIDE (MED TEMP)

| Temp Diff | R.H % |
|-----------|-------|
| 4K        | 89    |
| 6K        | 84    |
| 8K        | 81    |
| 10K       | 77    |

### CAPACITY CORRECTION GUIDE

| AM @ SST |      | AL @ SST |      |
|----------|------|----------|------|
| +5       | 1.17 | -20      | 1.07 |
| 0        | 1.07 | -25      | 0.99 |
| -5       | 0.99 | -30      | 0.89 |
| -10      | 0.93 | -35      | 0.80 |

Specifications subject to change without notice

### NOTES

- All fan motors 220-240V/1/50Hz
- Defrost heaters 220-240V/1/50Hz
- Defrost klixon contacts open +24°C / close +5°C
- Air throw based on CRMA standard @ 20°C  
Multiply figures by 0.94 for 2°C or 0.87 for -18°C