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Eden V

Air Cooled Condenser



Features

- ❖ V-Shaped - Space saving design
- ❖ High quality powder coated finish for improved aesthetics
- ❖ Advanced smart circuitry and double sine wave coil technology designed to save input energy and maximize heat rejection
- ❖ Low oil retention for better heat transfer coefficients
- ❖ Discharge and Liquid headers are built into the case design for added protection and safety
- ❖ All fans are compartmented for better efficient during fan cycling option

Specifications

| Model | Capacity R22 | | | | Capacity R404A | | | | Fan Data | | | | | Noise Level | | |
|--------------|--------------|-----------|--------|-----------|----------------|-----------|--------|-----------|------------|-----------|-------|-------|-----------------|-------------|------|------|
| | 12 FPI | | 10 FPI | | 12 FPI | | 10 FPI | | No. of Fan | Fan Motor | | | Air Flow (m³/h) | db(A) | | |
| | kW | Btu/hr | kW | Btu/hr | kW | Btu/hr | kW | Btu/hr | | (V/Ph/Hz) | (kW) | (Amp) | | (Rpm) | 3m | 10m |
| | 15 KTD | 27 FTD | 15 KTD | 27 FTD | 15 KTD | 27 FTD | 15 KTD | 27 FTD | 800mm | | | | | | | |
| EVC 3400.804 | 340 | 1,160,100 | 315 | 1,074,800 | 336 | 1,147,400 | 312 | 1,063,000 | 4 | 380/3/50 | 9.32 | 19.40 | 900 | 84,336 | 59.5 | 49.0 |
| | 262 | 894,000 | 246 | 839,400 | 259 | 884,200 | 243 | 830,200 | 4 | 380/3/50 | 6.36 | 11.48 | 700 | 62,750 | 53.5 | 43.0 |
| EVC 5100.806 | 510 | 1,740,200 | 472 | 1,610,500 | 504 | 1,721,000 | 467 | 1,592,800 | 6 | 380/3/50 | 13.98 | 29.10 | 900 | 126,504 | 61.5 | 50.0 |
| | 393 | 1,341,000 | 369 | 1,259,100 | 389 | 1,326,200 | 365 | 1,245,200 | 6 | 380/3/50 | 9.54 | 17.22 | 700 | 94,125 | 54.5 | 44.0 |
| EVC 6800.808 | 680 | 2,320,200 | 628 | 2,142,800 | 673 | 2,294,700 | 621 | 2,119,200 | 8 | 380/3/50 | 18.64 | 38.80 | 900 | 168,672 | 62.5 | 52.0 |
| | 525 | 1,791,300 | 491 | 1,675,300 | 519 | 1,771,600 | 486 | 1,656,900 | 8 | 380/3/50 | 12.72 | 22.96 | 700 | 125,500 | 56.5 | 46.0 |

Eden cannot guarantee performance of the condensers (capacities ratings, sound level etc), if non standard motors are used.

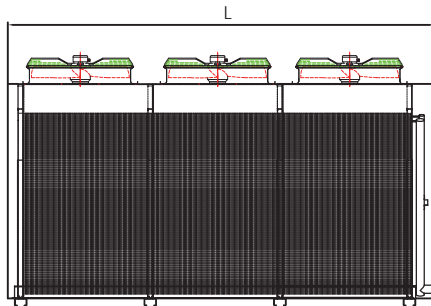
*Sound pressure levels are measured in conformity to DIN 45635 and ISO 3744/3745.

*Sound pressure levels are shown in catalogue at a distance of 3m and 10m, under Inverse Square Laws. Sound pressure Sound levels for 1m are at source.

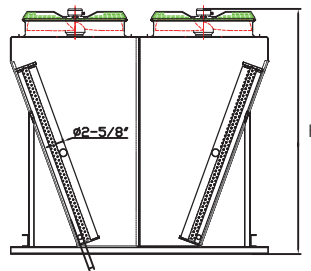
Dimension

| Model | Dimensional Details | | | | | | | Connection Details | |
|--------------|---------------------|-----------|-----------|------------|------------|------------|-----------------|--------------------|------------|
| | H (mm) | W (mm) | L (mm) | H* (mm) | W* (mm) | L* (mm) | Weight (Kg)* | Connection (mm) | |
| | | | | | | | | Liquid | Suction |
| EVC 3400.804 | 2,047 | 2,150 | 2,430 | 2,347 | 2,450 | 2,730 | 1,473 | 2 x 1-5/8" | 2 x 2-5/8" |
| EVC 5100.806 | 2,047 | 2,150 | 3,490 | 2,347 | 2,450 | 3,790 | 1,855 | 2 x 1-5/8" | 2 x 2-5/8" |
| EVC 6800.808 | 2,047 | 2,150 | 4,550 | 2,347 | 2,450 | 4,850 | 2,236 | 2 x 1-5/8" | 2 x 2-5/8" |

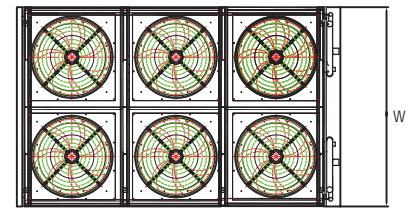
* Packed Dimensions / Weight



FRONT VIEW



SIDE VIEW



PLAN VIEW

Nomenclature

| | |
|--------------|--|
| EVC 5100.806 | |
| 6 | No. of Fans |
| 80 | Fan Size (800mm Fan Model) |
| 5100 | Capacities in kW at R22, 15KTD (510kW) |
| EVC | V Air Cooled Condenser |

