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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.

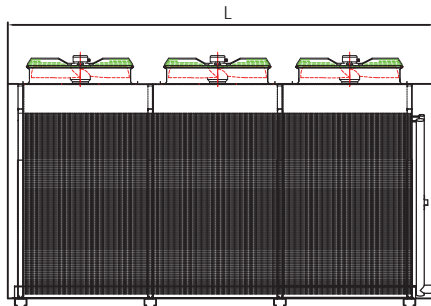
*Sound pressure levels are measured in conformity to DIN 45635 and ISO 3744/3745.

*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.

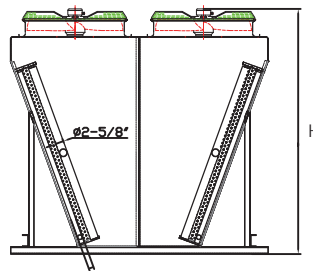
Dimension

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

