

G4 EDEN Jumbo Air Cooled Condenser Single Row Series



Features

- ❖ High quality powder coat finish to complement the aesthetic look
- ❖ Advanced smart circuitry and double sine wave fin technology designed to save input energy and maximize the coil performance
- ❖ 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 efficiency during fan cycling option
- ❖ Standard 2 speed German fans motors are used. EC fans option are available, to maintain ideal discharge pressure and conserve electricity during low load condition
- ❖ Low noise and environmental friendly

EFGP - Condenser Specifications

Model	Capacity				No. of Fan 800 mm	Fan Data							
	12 FPI		10 FPI			Fan Motor			Air Flow (m ³ /h)	Noise Level		Connections(mm)	
	R22 (kW)	R404A (kW)	R22 (kW)	R404A (kW)		(rpm)	(Watts)	(Amps)		db(A)		Inlet	Outlet
	15 KTD	15 KTD	15 KTD	15 KTD						3m	10m		
EFGP 1790.821	179.0	177.0	157.2	155.4	2	900	4,660	9.70	61,254	56.5	46.0	66.7	54
	144.0	142.4	126.5	125.1	2	700	3,180	5.74	47,306	50.5	40.0	66.7	54
EFGP 2115.821	211.5	209.2	185.7	183.7	2	900	4,660	9.70	52,312	56.5	46.0	66.7	54
	168.5	166.6	148.0	146.3	2	700	3,180	5.74	38,608	50.5	40.0	66.7	54
EFGP 2225.821	222.5	220.1	195.4	193.2	2	900	4,660	9.70	49,680	56.5	46.0	66.7	54
	181.5	179.5	159.4	157.6	2	700	3,180	5.74	33,820	50.5	40.0	66.7	54
EFGP 2635.831	263.5	260.6	231.4	228.8	3	900	6,990	14.55	91,872	58.3	47.8	66.7	54
	212.0	209.7	186.2	184.1	3	700	4,770	8.61	70,960	52.3	41.8	66.7	54
EFGP 2990.831	299.0	295.7	262.5	259.6	3	900	6,990	14.55	78,468	58.3	47.8	66.7	54
	242.5	239.8	212.9	210.6	3	700	4,770	8.61	57,912	52.3	41.8	66.7	54
EFGP 3300.831	330.0	326.4	289.8	286.6	3	900	6,990	14.55	80,100	58.3	47.8	66.7	54
	258.0	255.2	226.5	224.0	3	700	4,770	8.61	50,731	52.3	41.8	66.7	54
EFGP 3600.841	360.0	356.0	316.1	312.6	4	900	9,320	19.40	122,508	59.5	49.0	66.7	54
	286.0	282.9	251.1	248.3	4	700	6,360	11.48	94,612	53.5	43.0	66.7	54
EFGP 4025.841	402.5	398.1	353.4	349.5	4	900	9,320	19.40	104,623	59.5	49.0	66.7	54
	333.5	329.8	292.8	289.6	4	700	6,360	11.48	77,217	53.5	43.0	66.7	54
EFGP 4335.841	433.5	428.7	380.6	376.4	4	900	9,320	19.40	99,360	59.5	49.0	66.7	54
	359.0	355.1	315.2	311.7	4	700	6,360	11.48	67,641	53.5	43.0	66.7	54

Refrigerant	Capacity Multiplier (Based on R22)
R22	1.00
R407B	0.95
R407C	0.93
R134A	0.975
R404A	0.989
R507	0.989

Correction Factor Guideline

Note:

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

All condensers will be offered in vertical air throw configuration.

All Fan Motors are using 400V/3Ph/50Hz.

* 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 levels for 1m are at source.

Nomenclature

EFGP 1790.8 2 1



EFGP- Dimensions

Model	Size (mm)									Weight (kg)*
	L	W	H	A	B	C	L*	W*	H*	
EFGP 1790.821	3337	1106	1278	3014	-	963	3637	1406	1578	418
EFGP 2115.821	3337	1106	1278	3014	-	963	3637	1406	1578	440
EFGP 2225.821	3337	1106	1278	3014	-	963	3637	1406	1578	462
EFGP 2635.831	4871	1106	1278	2982	1566	963	5171	1406	1578	588
EFGP 2990.831	4871	1106	1278	2982	1566	963	5171	1406	1578	621
EFGP 3300.831	4871	1106	1278	2982	1566	963	5171	1406	1578	654
EFGP 3600.841	6410	1106	1278	2967	3118	963	6710	1406	1578	750
EFGP 4025.841	6410	1106	1278	2967	3118	963	6710	1406	1578	794
EFGP 4335.841	6410	1106	1278	2967	3118	963	6710	1406	1578	838

* Packed Dimensions/Weight

