

Condensing Units



- Reliable and efficient Embraco and Copeland Hermetic Compressors
- Supplied c/w HP/LP, Crankcase Heater, Oil Separator, Liquid Receiver, Liquid Line Drier & Sightglass, Suction Accumulator, Electrical box fully wired c/w Main Isolator in a ColorBond housing
- Twin fan models include fan cycling pressure switch
- All condenser coils supplied with "Patton Coat" fin and coil protective coating.

PEM/PCC HERMETIC 100 - 500

1 5 hp

embraco COPELAND™

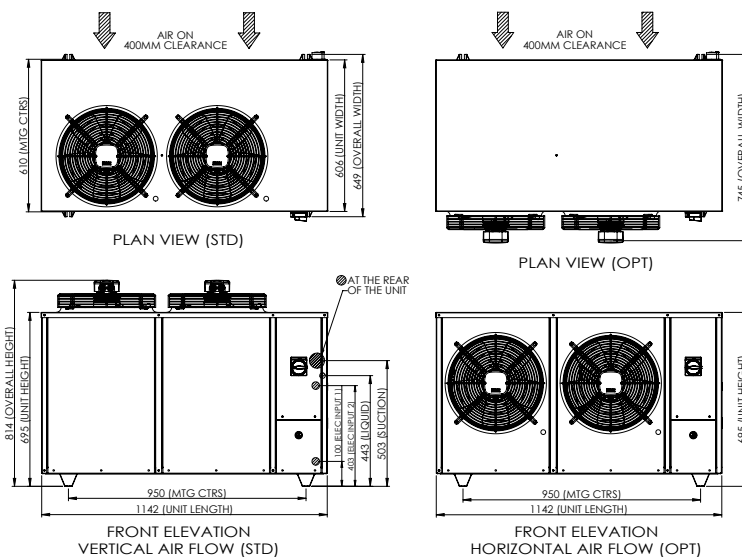
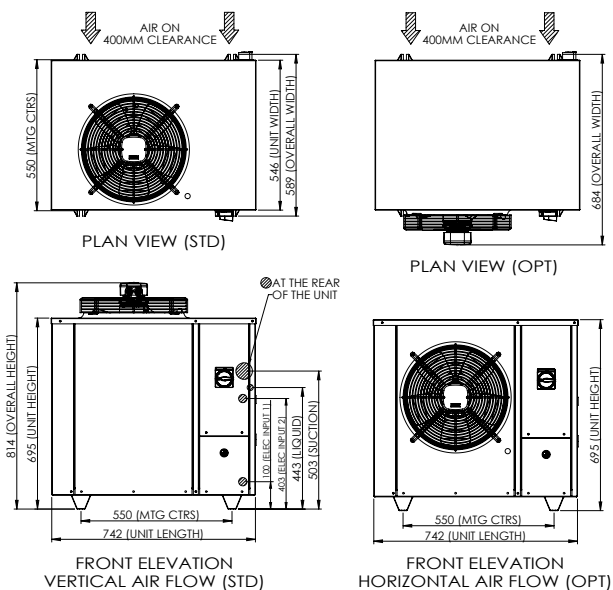
CAPACITY (Watts) @ 32°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C								
			-30	-25	-20	-15	-10	-5	0	5	10
PEMS100	1.0	R404A	-	-	-	1470	1850	2250	2600	2950	-
PEMS125	1.3	R404A	-	-	-	1820	2330	2800	3300	3800	-
PEMS150	1.5	R404A	-	-	-	2300	2850	3300	3850	4300	-
PCCS175	1.8	R134a	-	-	-	1180	1560	2090	2790	3410	4150
		R404A	630	1100	1600	2050	2580	3150	3830	-	-
PCCS200	2.0	R134a	-	-	-	1300	1830	2400	3150	3950	4880
		R404A	865	1400	1950	2510	3100	3740	4550	-	-
PCCS225	2.3	R134a	-	-	-	1550	2140	2800	3680	4630	5700
		R404A	1010	1750	2350	2970	3600	4250	5200	-	-
PCCS275	2.8	R134a	-	-	-	2100	2900	3850	4900	6320	7450
		R404A	1460	2200	2900	3800	4800	5810	6800	-	-
PCC225	2.3	R134a	-	-	-	1550	2140	2800	3680	4630	5700
		R404A	1010	1750	2350	2970	3600	4250	5200	-	-
PCC275	2.8	R134a	-	-	-	2100	2900	3850	4900	6320	7450
		R404A	1460	2200	2900	3800	4800	5810	6800	-	-
PCC300	3.0	R134a	-	-	-	2580	3400	4340	5500	6710	7840
		R404A	1980	2650	3360	4180	5250	6300	8180	-	-
PCC400	4.0	R134a	-	-	-	3220	4350	5620	7200	8820	10400
		R404A	2205	3200	4300	5550	6800	8100	10290	-	-
PCC500	5.0	R134a	-	-	-	3970	5200	6700	8500	10110	11640
		R404A	2800	3850	5150	6450	8010	9600	12000	-	-

DIMENSIONS

PEMS100 PCCS225
PEMS125 PCCS275
PEMS150 PCC225
PCCS175 PCC275
PCCS200 PCC300

PCC400
PCC500



NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTION		Noise Level (dbA) (3)	Wgt (kg)
	Nom. hp	Model	Voltage	RLA Amps	LRA Amps	Model	Airflow (l/sec)	Fan Motor (1)			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Watts	Amps					
PEMS100	1.0	NJ9226GK	220-240/1/50	5.5	27.5	CPK100	1048	1 x 350	145	0.7	3.7	5/8"	3/8"	56	72
PEMS125	1.3	NJ9232GK	220-240/1/50	7.6	40.0	CPK100	1048	1 x 350	145	0.7	3.7	5/8"	3/8"	56	72
PEMS150	1.5	NJ9238GK	220-240/1/50	9.0	43.0	CPK200	1007	1 x 350	145	0.7	3.7	5/8"	3/8"	56	72
PCCS175	1.8	CS10K6E-PFJ	220-240/1/50	10.1	55.0	CPK200	1007	1 x 350	145	0.7	3.7	3/4"	3/8"	57	82
PCCS200	2.0	CS12K6E-PFJ	220-240/1/50	10.9	55.0	CPK200	1007	1 x 350	145	0.7	3.7	3/4"	3/8"	58	82
PCCS225	2.3	CS14K6E-PFJ	220-240/1/50	12.5	58.0	CPK230	969	1 x 350	145	0.7	3.7	3/4"	3/8"	58	82
PCCS275	2.8	CS18K6E-PFJ	220-240/1/50	13.6	64.0	CPK250	931	1 x 350	145	0.7	3.7	3/4"	3/8"	58	84
PCC225	2.3	CS14K6E-TFD	380-420/3/50	4.7	28.0	CPK230	969	1 x 350	145	0.7	3.7	3/4"	3/8"	58	82
PCC275	2.8	CS18K6E-TFD	380-420/3/50	5.4	32.7	CPK250	931	1 x 350	145	0.7	3.7	3/4"	3/8"	58	84
PCC300	3.0	CS20K6E-TFD	380-420/3/50	5.1	40.0	CPK300	889	1 x 350	145	0.7	3.7	7/8"	1/2"	58	84
PCC400	4.0	CS27K6E-TFD	380-420/3/50	8.5	55.8	CPK450	1859	2 x 350	290	1.4	6.2	7/8"	1/2"	59	122
PCC500	5.0	CS33K6E-TFD	380-420/3/50	9.9	59.8	CPK500	1787	2 x 350	290	1.4	8.8	7/8"	1/2"	59	124

NOTES:

- All fans 220-240/1/50
- R404A pump down capacity @ 80% full for 32°C liquid temp.
- All noise level ratings are "free field" based at a distance of 3.0 mtrs from source and are given as a guide only.
4. Electrically complies to AS/NZS 60335.2.89 : 2002 + A1 - A3 (selected clauses)