

PattonPak Semi-Hermetic Condensing Units



Condensing Units



- Reliable and efficient Copeland Semi-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

PSC SEMI-HERMETIC 150 - 400

1.5 4 hp

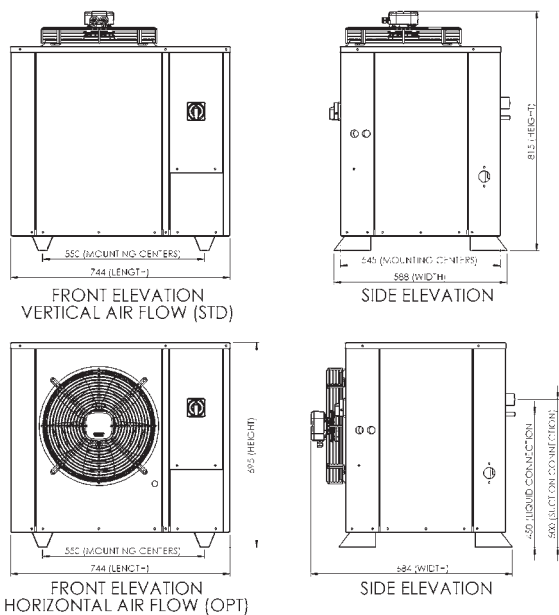
Copeland®

CAPACITY (Watts) @ 38°C Ambient

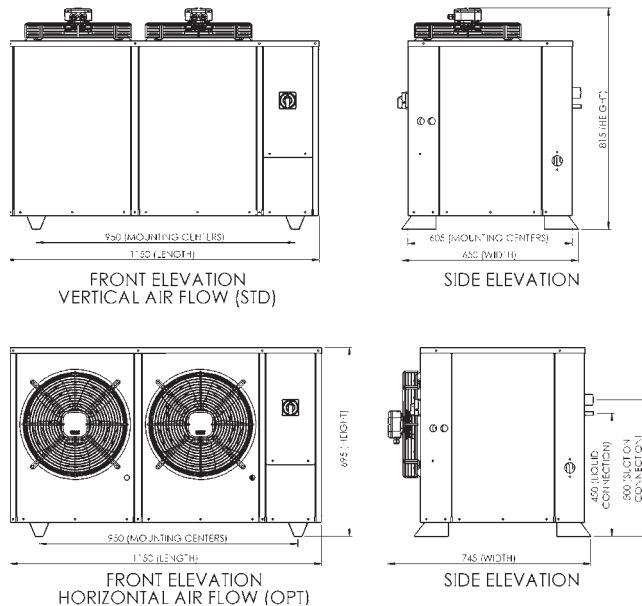
MODEL	Nom. hp	Refrig.	Evaporating Temp °C									
			-35	-30	-25	-20	-15	-10	-5	0	5	10
PSC150	1.5	R134a	-	-	-	1090	1430	1845	2310	2820	3465	4140
		R404A	875	1160	1450	1890	2325	2920	3515	4150	4830	-
PSC200	2.0	R134a	-	-	-	1605	2085	2660	3315	4060	4885	5800
		R404A	1115	1590	2030	2660	3390	4250	5205	6110	7105	-
PSC300	3.0	R134a	-	-	-	2125	2750	3485	4310	5225	6230	7330
		R404A	1535	2125	2845	3805	4855	6030	7260	8480	9840	-
PSC400	4.0	R134a	-	-	-	3055	3980	5035	6225	7545	9005	10505
		R404A	2090	2970	4010	5255	6735	8445	10400	12205	14885	-

DIMENSIONS

PSC150



PSC200
PSC300
PSC400



NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dbA) (3)	Wt (kg)
	NOM. hp	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow l/sec	Fan Motor(s)			Capacity (kg) (2)	Suction	Liquid		
PSC150	1.5	DKSJ15X-EWL	380-420/3/50	3.3	20.4	CPK200	1007	1 x 350	145	0.7	3.7	3/4"	3/8"	58	92
PSC200	2.0	DLE20X-EWL	380-420/3/50	5.7	37.6	CPK350	1933	2 x 350	290	1.4	6.2	7/8"	1/2"	59	170
PSC300	3.0	DLF30X-EWL	380-420/3/50	7.2	53.0	CPK450	1859	2 x 350	290	1.4	6.2	7/8"	1/2"	61	173
PSC400	4.0	DLL40X-EWL	380-420/3/50	9.3	68.5	CPK500	1787	2 x 350	290	1.4	6.2	1-1/8"	1/2"	61	180

NOTES:

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

Condensing Units



- Reliable and efficient Copeland Semi-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

PSC SEMI-HERMETIC 500 - 2000

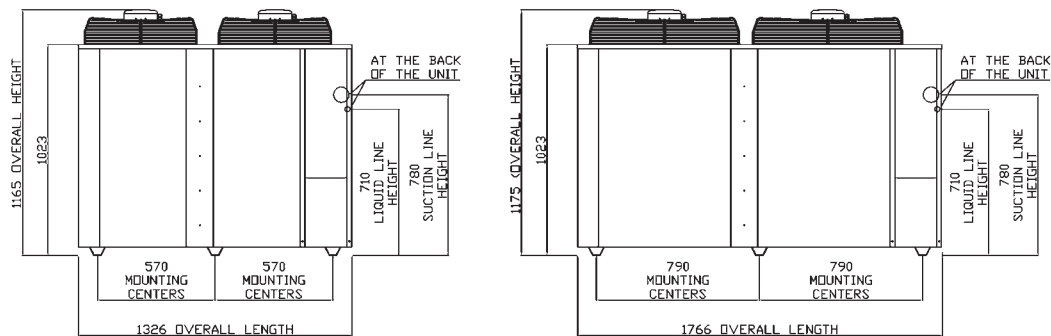
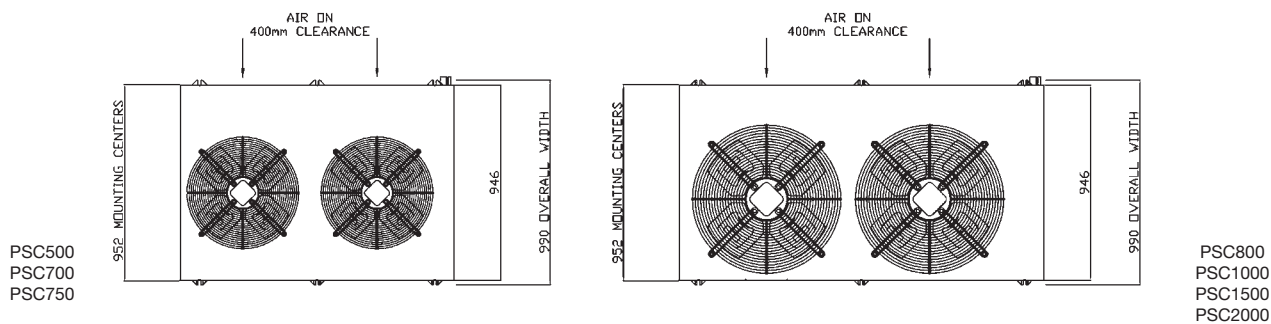
5 20 hp

Copeland®

CAPACITY (Watts) @ 38°C Ambient

MODEL	Nom. hp	Refrig.	Evaporating Temp °C										
			-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
PSC500	5.0	R404A	1435	2190	3135	4240	5550	7080	8855	10910	13315	16035	-
PSC700	7.0	R404A	2735	3475	4740	6190	7770	9675	11875	13970	16735	20225	-
PSC750	7.5	R134a	-	-	-	-	5095	6300	7870	9810	12105	14840	17775
		R404A	3305	4615	6070	7605	9505	11545	14025	16735	20065	23960	-
PSC800	8.0	R134a	-	-	-	-	5730	7270	9175	11595	14330	17510	21065
		R404A	3405	4885	6660	8505	10690	13340	16005	19265	23255	27875	-
PSC1000	10.0	R134a	-	-	-	-	6640	8805	11325	14180	17615	21485	25830
		R404A	5490	6155	7960	10250	12875	15865	19200	23010	27815	33205	-
PSC1500	15.0	R134a	-	-	-	-	9335	12500	15250	18885	23105	27820	33385
		R404A	7805	8740	10935	13915	17315	21055	25135	30060	35100	41635	-
PSC2000	20.0	R134a	-	-	-	-	11005	13845	16875	211850	26355	31750	36510
		R404A	8980	10075	12865	16065	19305	23815	28380	33690	37485	44595	-

DIMENSIONS



NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dbA) (3)	Wt (kg)
	NOM. hp	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow l/sec	Fan Motor(s)			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Tot Watts	Tot Amps					
PSC500	5.0	D2DD50X-AWM	380-420/3/50	10.3	55.0	CPK650	4320	2 x 500	1090	4.8	8.8	1-1/8"	5/8"	62	205
PSC700	7.0	D2DL75X-AWM	380-420/3/50	13.8	70.0	CPK800	3927	2 x 500	1090	4.8	10.4	1-3/8"	5/8"	63	270
PSC750	7.5	D2DB75X-AWM	380-420/3/50	16.1	70.0	CPK900	3750	2 x 500	1090	4.8	10.4	1-3/8"	5/8"	63	290
PSC800	8.0	D3DA75X-AWM	380-420/3/50	17.5	106.0	CPK1200	4770	2 x 630	1120	2.1	10.4	1-3/8"	5/8"	64	290
PSC1000	10.0	D3DC100X-AWM	380-420/3/50	21.5	121.0	CPK1300	4830	2 x 630	1680	2.9	10.4	1-3/8"	5/8"	65	350
PSC1500	15.0	D3DS150X-AWM	380-420/3/50	29.0	129.0	CPK1500	5393	2 x 630	1680	2.9	20.0	1-5/8"	7/8"	66	365
PSC2000	20.0	D4DA200X-AWM	380-420/3/50	32.5	175.0	CPK2050	6629	2 x 630	2500	5.0	20.0	1-5/8"	7/8"	69	460

NOTES:

- 500mm Fans - 220-240/1/50
630mm Fans - 380-420/3/50
- R404A pump down capacity shown @ 80% full for 32°C liquid temperature
- All noise level ratings are "free field" based at a distance of 3.0 mtrs from source and are given as a guide only.
- Electrically complies to AS/NZS 60335.2.89 : 2002 + A1 - A3 (selected clauses)

Condensing Units



- Reliable and efficient Copeland Scroll 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

PZF SCROLL 300 - 1500

3 15 hp

CAPACITY (Watts) @ 38°C Ambient

Copeland®

MODEL	Nom. hp	Refrig.	Evaporating Temp °C									
			-40	-35	-30	-25	-20	-15	-10	-5	0	5
PZF300	3.0	R404A	1325	1695	2110	2535	3165	3710	4480	5250	6245	7240
PZF350	3.5	R404A	1700	2070	2590	3195	3875	4580	5400	6395	7425	8345
PZF400	4.0	R404A	2060	2560	3135	3820	4605	5525	6535	7580	8920	10250
PZF500	5.0	R404A	2470	3170	3880	4765	5770	6860	8135	9405	10835	12590
PZF600	6.0	R404A	2935	3790	4680	5645	6840	8190	9550	11320	13085	14860
PZF750	7.5	R404A	3905	4935	6080	7360	8810	10430	12070	14100	16095	18275
PZF1000	10.0	R404A	5020	6785	8460	10285	12275	14250	16695	19185	21935	25035
PZF1300	13.0	R404A	6470	8320	10455	12500	14915	17630	20335	23705	26995	30620
PZF1500	15.0	R404A	7565	9405	11565	14070	16915	19835	23385	26905	30685	34015

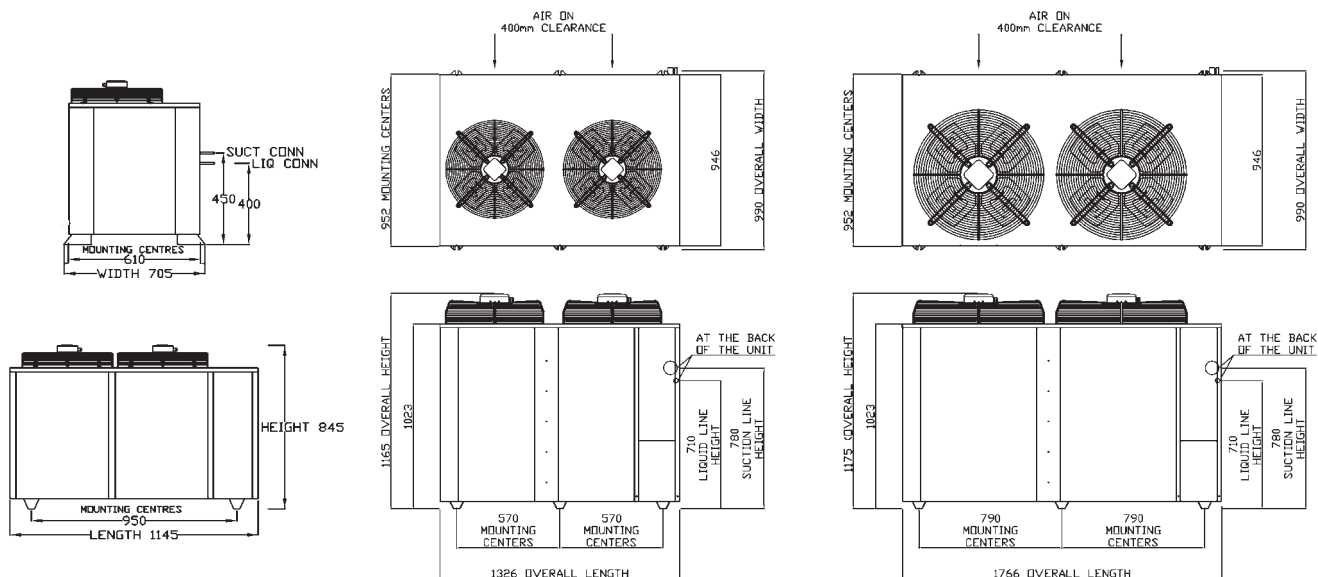
Shaded Zone - "Liquid injection" required.

DIMENSIONS

PZF300
PZF350
PZF400
PZF500
PZF600

PZF750
PZF1000

PZF1300
PZF1500



NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR (1)					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dbA) (4)	Wt (kg)
	NOM. hp	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow l/sec	Fan Motor(s)			Capacity (kg) (3)	Suction	Liquid		
								No. (2)	Tot Watts	Tot Amps					
PZF300	3.0	ZF09K4E-TFD	380-420/3/50	5.4	40.0	CPK350	1933	2 x 350	290	1.4	6.2	3/4"	1/2"	60	117
PZF350	3.5	ZF11K4E-TFD	380-420/3/50	6.4	46.0	CPK350	1933	2 x 350	290	1.4	6.2	7/8"	1/2"	60	119
PZF400	4.0	ZF13K4E-TFD	380-420/3/50	7.9	51.5	CPK450	1859	2 x 350	290	1.4	6.2	7/8"	1/2"	60	128
PZF500	5.0	ZF15K4E-TFD	380-420/3/50	8.1	64.0	CPK500	1787	2 x 350	290	1.4	8.8	7/8"	1/2"	61	130
PZF600	6.0	ZF18K4E-TFD	380-420/3/50	10.0	74.0	CPK600	1719	2 x 350	290	1.4	8.8	7/8"	1/2"	61	134
PZF750	7.5	ZF24K4E-TWD	380-420/3/50	16.1	99.0	CPK800	3927	2 x 500	1090	4.8	10.4	1-1/8"	5/8"	62	182
PZF1000	10.0	ZF33K4E-TWD	380-420/3/50	22.3	134.0	CPK1000	3582	2 x 500	1090	4.8	10.4	1-3/8"	5/8"	62	208
PZF1300	13.0	ZF40K4E-TWD	380-420/3/50	25.8	167.0	CPK1300	4830	2 x 630	1680	2.9	10.4	1-3/8"	5/8"	65	225
PZF1500	15.0	ZF48K4E-TWD	380-420/3/50	30.6	187.0	CPK1500	5393	2 x 630	1680	2.9	20.0	1-5/8"	7/8"	65	235

NOTES:

- ZF compressors must be used with liquid injection kit (-Q accessory) for all applications within shaded zones (refer to ratings)
- 350mm & 500mm Fans - 220-240/1/50
630mm Fans - 380-420/3/50
- 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.
- Electrically complies to AS/NZS 60335.2.89 : 2002 + A1 - A3 (selected clauses)