

# 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, Fully wired c/w main isolator in ColourBond 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

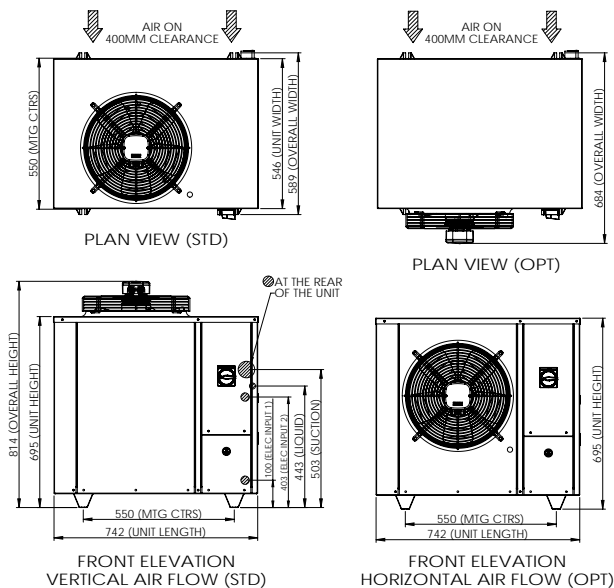
**COPELAND™**

CAPACITY (Watts) @ 32°C Ambient

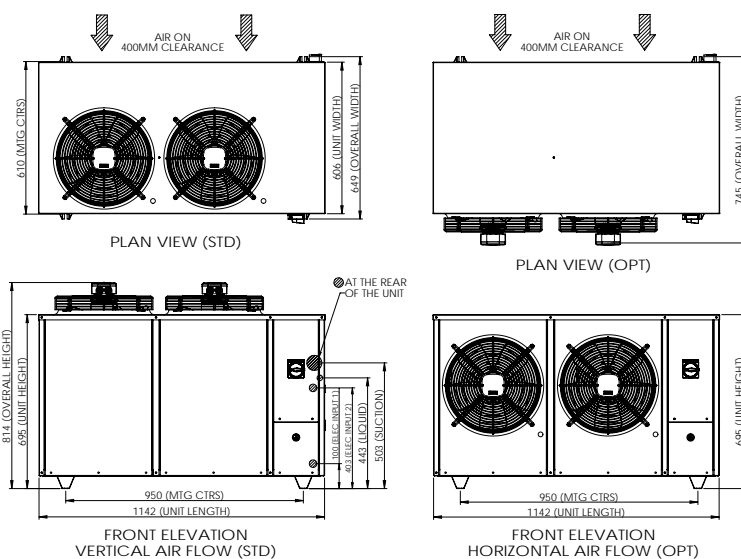
Model	Nom. hp	Refrigerant	Evaporating Temp °C									
			-35	-30	-25	-20	-15	-10	-5	0	5	10
PSC150	1.5	R449A	-	-	1730	2160	2690	3250	3900	4620	5380	-
		R404A	1160	1510	1880	2340	2820	3410	4000	4660	5340	-
PSC200	2.0	R134a	-	-	-	1810	2440	3130	3930	4780	5820	7010
		R449A	-	-	2480	3250	4140	5090	6170	7380	8690	-
		R404A	1480	2070	2750	3540	4340	5360	6370	7470	8870	-
PSC300	3.0	R134a	-	-	-	2520	3270	4160	5110	6290	7520	9050
		R449A	-	-	3480	4470	5520	6720	8220	9600	11180	-
		R404A	2210	2970	3850	4760	5900	7040	8310	9690	11180	-
PSC400	4.0	R134a	-	-	-	3560	4560	5810	7150	8820	10580	12350
		R449A	-	-	4780	6050	7520	9230	11190	13160	15720	-
		R404A	3130	4070	5280	6550	7990	9610	11210	13170	15660	-

## DIMENSIONS

PSC150



PSC200  
PSC300  
PSC400



NTS (mm)

## TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dbA) (3)	Wgt (kg)
	Nom. hp	Model	Voltage	RLA Amps	LRA Amps	Model	Airflow (l/sec)	Fan Motors			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Tot. Watts	Tot. Amps					
PSC150	1.5	KSJ-15X-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	LE-20X-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	LF-30X-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	LL-40X-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:

- 350mm Cond 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.
- 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, Fully wired c/w main isolator in ColourBond 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 - 1500

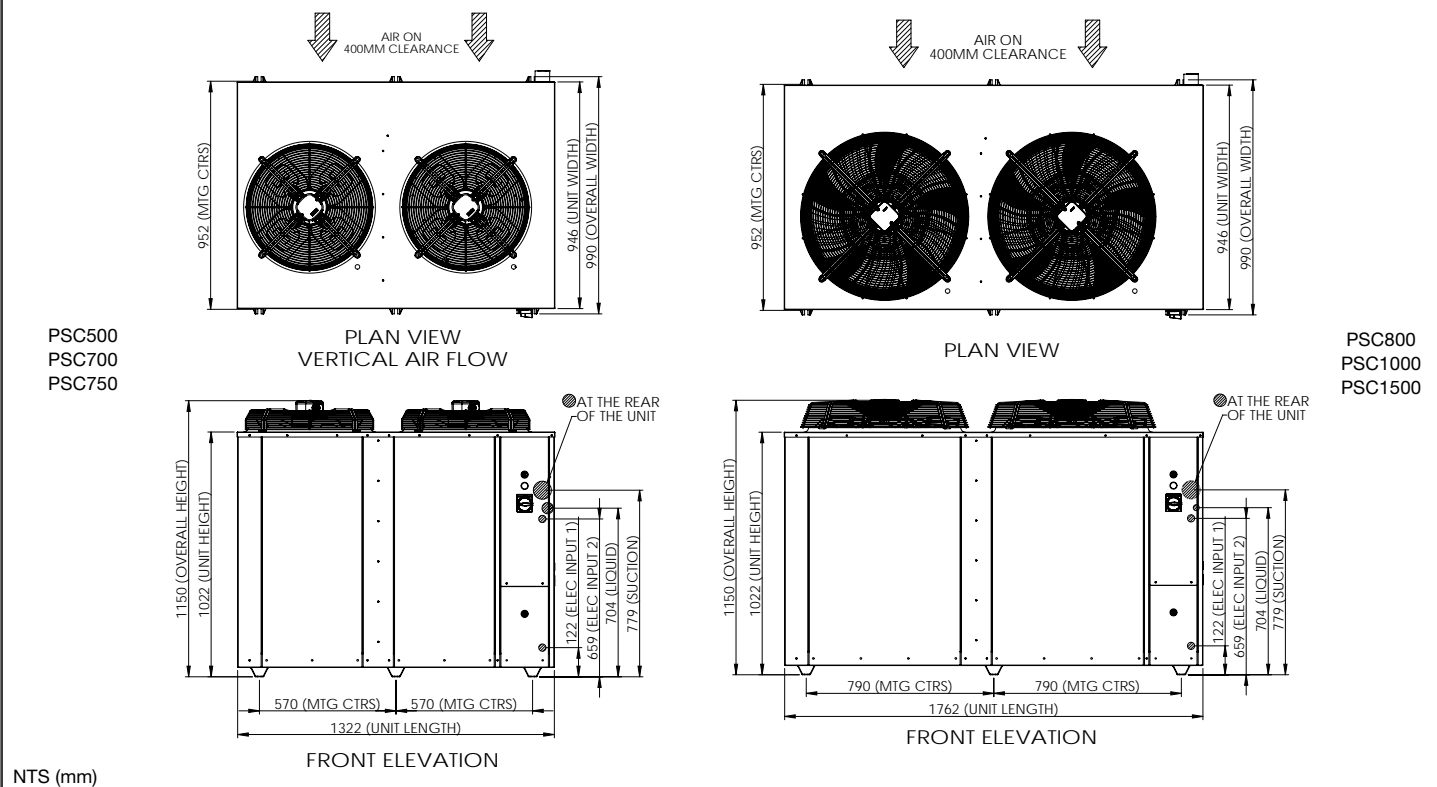
5 15 hp

**COPELAND™**

CAPACITY (Watts) @ 32°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C									
			-35	-30	-25	-20	-15	-10	-5	0	5	10
PSC500	5.0	R449A	-	-	5080	6510	8290	10210	12550	15250	18030	-
		R404A	3410	4570	5930	7490	9300	11370	13720	16080	18990	-
PSC700	7.0	R449A	-	-	6260	7970	10140	12730	15500	19000	22680	-
		R404A	4340	5720	7370	9320	11590	13920	16830	19790	23420	-
PSC750	7.5	R134a	-	-	-	5890	7700	9820	12300	15150	18450	21930
		R449A	-	-	8140	10030	12560	15510	18650	22170	26110	-
		R404A	5620	7240	9120	11320	13620	16520	19410	23090	26720	-
PSC800	8.0	R134a	-	-	-	6830	8830	11170	13890	17100	20730	24580
		R449A	-	-	9510	11940	14750	18230	22240	26460	31150	-
		R404A	6170	8170	10460	13130	16150	19620	23150	27480	31780	-
PSC1000	10.0	R134a	-	-	-	8300	10820	13620	16910	20670	25030	29580
		R449A	-	-	11460	14400	17690	21730	26320	31030	36230	-
		R404A	7710	10120	12860	16000	19560	23560	27560	32520	37390	-
PSC1500	15.0	R134a	-	-	-	10820	13870	17460	21600	26460	31620	37780
		R449A	-	-	15300	18670	23070	28150	33390	39350	45800	-
		R404A	10350	13460	17010	21030	25190	30250	35330	41550	47780	-

## DIMENSIONS



## TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dbA) (3)	Wgt (kg)
	Nom. hp	Model	Voltage	RLA Amps	LRA Amps	Model	Airflow (l/sec)	Fan Motors			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Tot. Watts	Tot. Amps					
PSC500	5.0	2DD-50X	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	2DL-75X	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	2DB-75X	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	3DA-75X	380-420/3/50	17.5	106.0	CPK1200	7380	2 x 630	2500	5.0	10.4	1-3/8"	5/8"	64	290
PSC1000	10.0	3DC-100X	380-420/3/50	21.5	121.0	CPK1300	7050	2 x 630	2500	5.0	10.4	1-3/8"	5/8"	65	350
PSC1500	15.0	3DS-150X	380-420/3/50	29.0	129.0	CPK1500	6730	2 x 630	2500	5.0	20.0	1-5/8"	7/8"	66	365

### NOTES:

- 500mm Cond Fans - 220-240/1/50  
630mm Cond 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)

## Condensing Units



- Latest technology, high efficiency Copeland Stream Compressors.
- Supplied c/w : Copeland Core Sense, HP/LP, Crankcase Heater, Oil Separator, Liquid Receiver, Liquid Line Drier & Sightglass, Suction Accumulator, Fully wired c/w main isolator in ColourBond housing.
- All models include fan cycling pressure switch.
- All condenser coils supplied with "Patton Coat" fin and coil protective coating.

## PSC STREAM 1300 - 2000

13 20 hp

**COPELAND™**

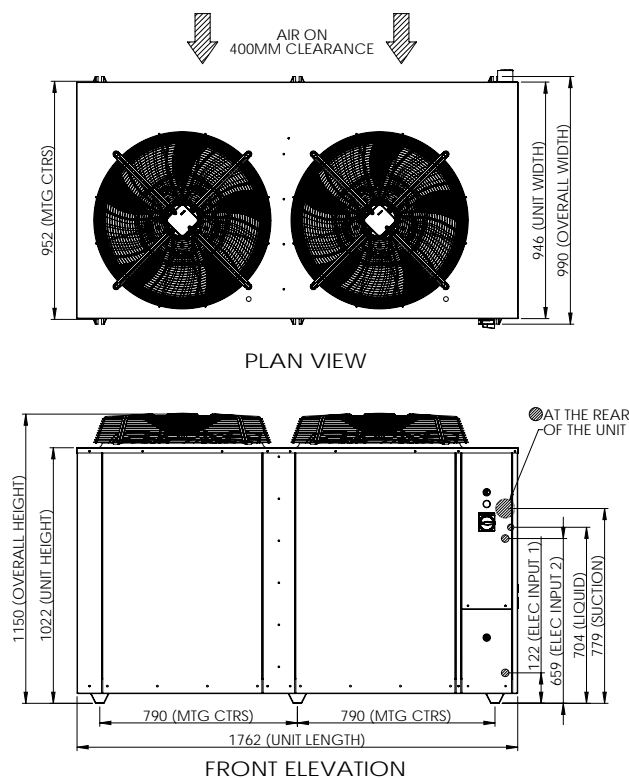
CAPACITY (Watts) @ 32°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C									
			-35	-30	-25	-20	-15	-10	-5	0	5	10
PSCL1300	13.0	R134a	-	-	-	13320	17000	21380	26110	31540	37560	44230
		R449A	-	13490	16470	19990	24280	29050	34390	40280	-	-
		R404A	12330	15250	18800	22810	27320	32230	37620	-	-	-
PSCL1500	15.0	R134a	-	-	-	16100	20220	25320	30800	37470	44550	-
		R449A	-	17290	21090	25320	30680	36820	43570	50120	-	-
		R404A	14940	18420	22640	27440	32640	38430	44800	-	-	-
PSCL2000	20.0	R134a	-	-	-	17670	22400	27540	33370	40000	47490	55710
		R449A	-	-	22030	27500	33250	39580	45920	54260	-	-
		R404A	16630	20320	24830	29740	35190	41130	46610	-	-	-
PSCM2000	20.0	R134a	-	-	-	14430	18170	22580	27830	33460	40390	47700
		R449A	-	-	18110	22400	27740	33970	41110	49180	58240	-
		R404A	12420	15930	20220	24540	29990	35370	41270	47760	54810	-



## DIMENSIONS

PSCL1300  
PSCL1500  
PSCL2000  
PSCM2000



NTS (mm)

## TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dbA) (3)	Wgt (kg)
	Nom. hp	Model	Voltage	RLA Amps	LRA Amps	Model	Airflow (l/sec)	Fan Motors			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Tot. Watts	Tot. Amps					
PSCL1300	13.0	4MF-13X	380-420/3/50	30.8	105.0	CPK1300	7050	2 x 630	2500	5.0	20.0	1-5/8"	7/8"	67	420
PSCL1500	15.0	4ML-15X	380-420/3/50	35.4	156.0	CPK1500	6730	2 x 630	2500	5.0	20.0	1-5/8"	7/8"	68	420
PSCL2000	20.0	4MM-20X	380-420/3/50	39.0	175.0	CPK1500	6730	2 x 630	2500	5.0	20.0	2-1/8"	7/8"	68	420
PSCM2000	20.0	4MA-22X	380-420/3/50	36.3	175.0	CPK2050	6630	2 x 630	2500	5.0	20.0	1-5/8"	7/8"	69	460

### NOTES:

- 630mm Cond 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)

The company reserves the right to make specification changes without notice. NZ 27/09/2019

# PATTON



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