

PattonPak Stream Condensing Units



Condensing Units



- Latest technology, high efficiency Copeland Stream Compressors.
- EC fans for additional energy savings and stable condensing.
- Supplied c/w Copeland Core Sense, compact HP safety & adjustable LP, Crank case Heater, Oil Separator, Liquid Receiver, Liquid Line Drier & Sight glass, Suction Filter & Accumulator, Electrical box fully wired c/w Main Isolator in a ColorBond housing.
- All condenser coils supplied with "Patton Coat" fin and coil protective coating.

PSC STREAM 1300 - 2000



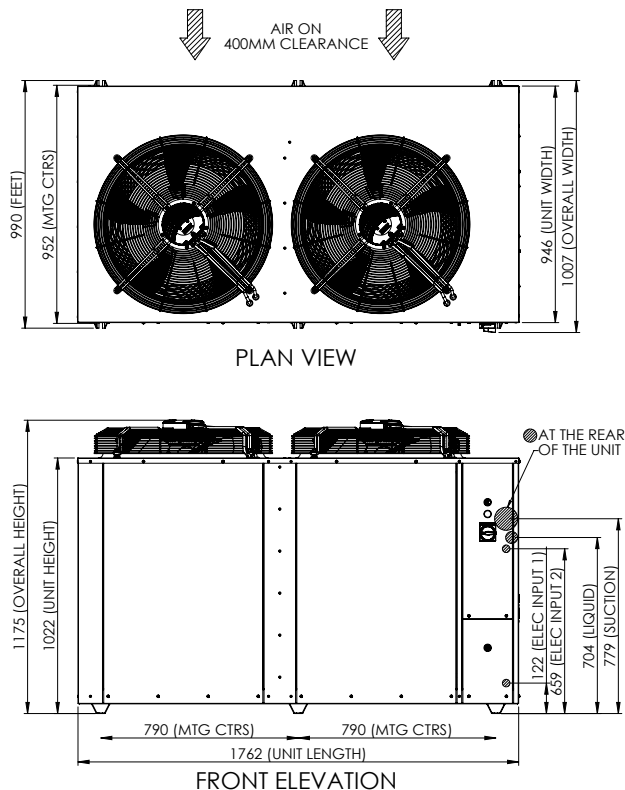
COPELAND™

CAPACITY (kW) @ 32°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C								
			-35	-30	-25	-20	-15	-10	-5	0	5
PSCL1300	13.0	R134a	-	-	-	13.32	17.00	21.38	26.11	31.54	37.56
		R404A	12.33	15.25	18.80	22.81	27.32	32.23	37.62	-	-
		R449A	-	13.49	16.47	19.99	24.28	29.05	34.39	40.28	-
PSCL1500	15.0	R134a	-	-	-	16.10	20.22	25.32	30.80	37.47	44.55
		R404A	14.94	18.42	22.64	27.44	32.64	38.43	44.80	-	-
		R449A	-	17.29	21.09	25.32	30.68	36.82	43.57	50.12	-
PSCL2000	20.0	R134a	-	-	-	17.67	22.40	27.54	33.37	40.00	47.49
		R404A	16.63	20.32	24.83	29.74	35.19	41.13	46.61	-	-
		R449A	-	-	22.03	27.50	33.25	39.58	45.92	54.26	-
PSCM2000	20.0	R134a	-	-	-	14.43	18.17	22.58	27.83	33.46	40.39
		R404A	12.42	15.93	20.22	24.54	29.99	35.37	41.27	47.76	-
		R449A	-	-	18.11	22.40	27.74	33.97	41.11	49.18	-

For all applications outside the listings please contact your local branch.

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:

- All fans are EC 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).

The company reserves the right to make specification changes without notice. NZ 22/02/2022

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 electronic fan speed control.
- All condenser coils supplied with "Patton Coat" fin and coil protective coating.

PSCL STREAM 2200 - 4000

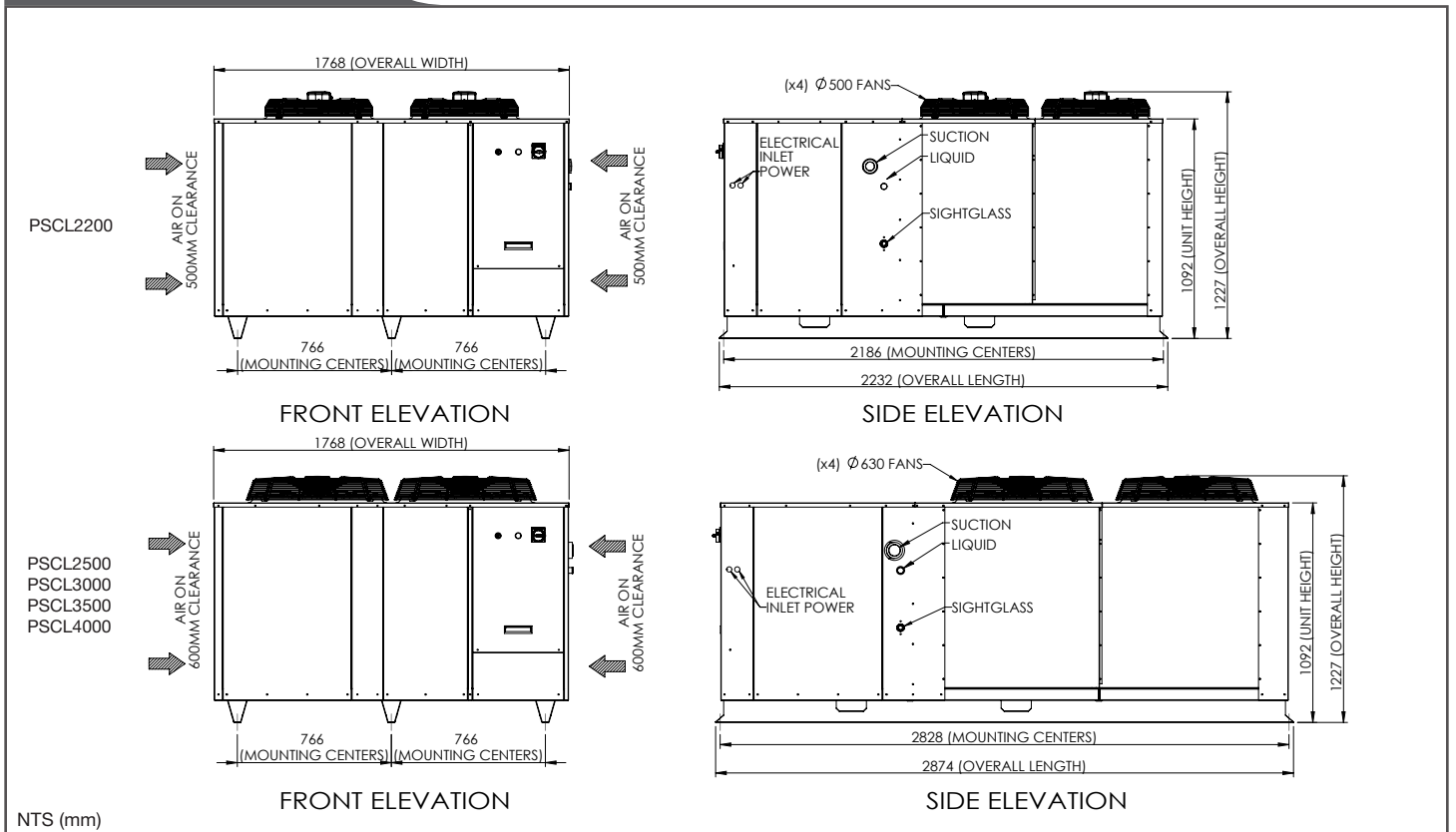
22 40 hp

COPELAND™

CAPACITY (Watts) @ 32°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C									
			-35	-30	-25	-20	-15	-10	-5	0	5	10
PSCL2200	22.0	R134a	-	-	-	-	24570	30510	37330	45230	54060	64160
		R449A	15980	20850	26210	32330	39230	46920	-	-	-	-
		R404A	19020	23190	28360	34760	41290	48550	-	-	-	-
PSCL2500	25.0	R134a	-	-	-	-	26970	33620	42020	51000	61220	71850
		R449A	16750	22010	28230	34880	42410	50800	-	-	-	-
		R404A	20810	25520	31890	38560	45880	54160	-	-	-	-
PSCL3000	30.0	R134a	-	-	-	-	31660	39880	48940	58450	70110	82110
		R449A	19950	26250	32950	40290	48450	56690	-	-	-	-
		R404A	24870	30440	37270	44920	53450	61810	-	-	-	-
PSCL3500	35.0	R134a	-	-	-	-	36350	45080	55060	66520	79560	94150
		R449A	22620	29230	37170	45510	54730	64870	-	-	-	-
		R404A	28150	34290	42740	51590	61470	70990	-	-	-	-
PSCL4000	40.0	R134a	-	-	-	-	39980	49470	61420	74380	87780	104220
		R449A	23750	31890	40740	50920	62610	74620	-	-	-	-
		R404A	31170	38230	47740	57750	68930	79890	-	-	-	-

DIMENSIONS



TECHNICAL DATA

MODEL	COMPRESSOR (1)					CONDENSER					RECEIVER	CONNECTIONS		Noise Level (dbA) (4)	Wgt (kg)
	Nom. hp	Model	Voltage	RLA Amps	LRA Amps	Model	Airflow (l/sec)	Fan Motors			Capacity (kg) (3)	Suction	Liquid		
								No. (2)	Tot. Watts	Tot. Amps					
PSCL2200	22.0	4MT-22X	380-420/3/50	44.5	175.0	CPK1000_2	7164	4 x 500	2180	9.6	28.2	2-1/8"	1-1/8"	68	810
PSCL2500	25.0	4MU-25X	380-420/3/50	51.9	199.0	CPK1200_2	14760	4 x 630	5000	10.0	28.2	2-1/8"	1-1/8"	71	865
PSCL3000	30.0	6MM-30X	380-420/3/50	59.7	255.0	CPK1200_2	14760	4 x 630	5000	10.0	36.3	2-1/8"	1-1/8"	73	900
PSCL3500	35.0	6MT-35X	380-420/3/50	67.3	255.0	CPK1300_2	14100	4 x 630	5000	10.0	48.4	2-1/8"	1-1/8"	73	900
PSCL4000	40.0	6MU-40X	380-420/3/50	75.8	304.0	CPK1500_2	13460	4 x 630	5000	10.0	48.4	2-1/8"	1-1/8"	73	900

NOTES:

- Stream compressors require Demand Cooling (DC) for application within the shaded zone (refer capacity).
- 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



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PSCM STREAM 2200 - 4000

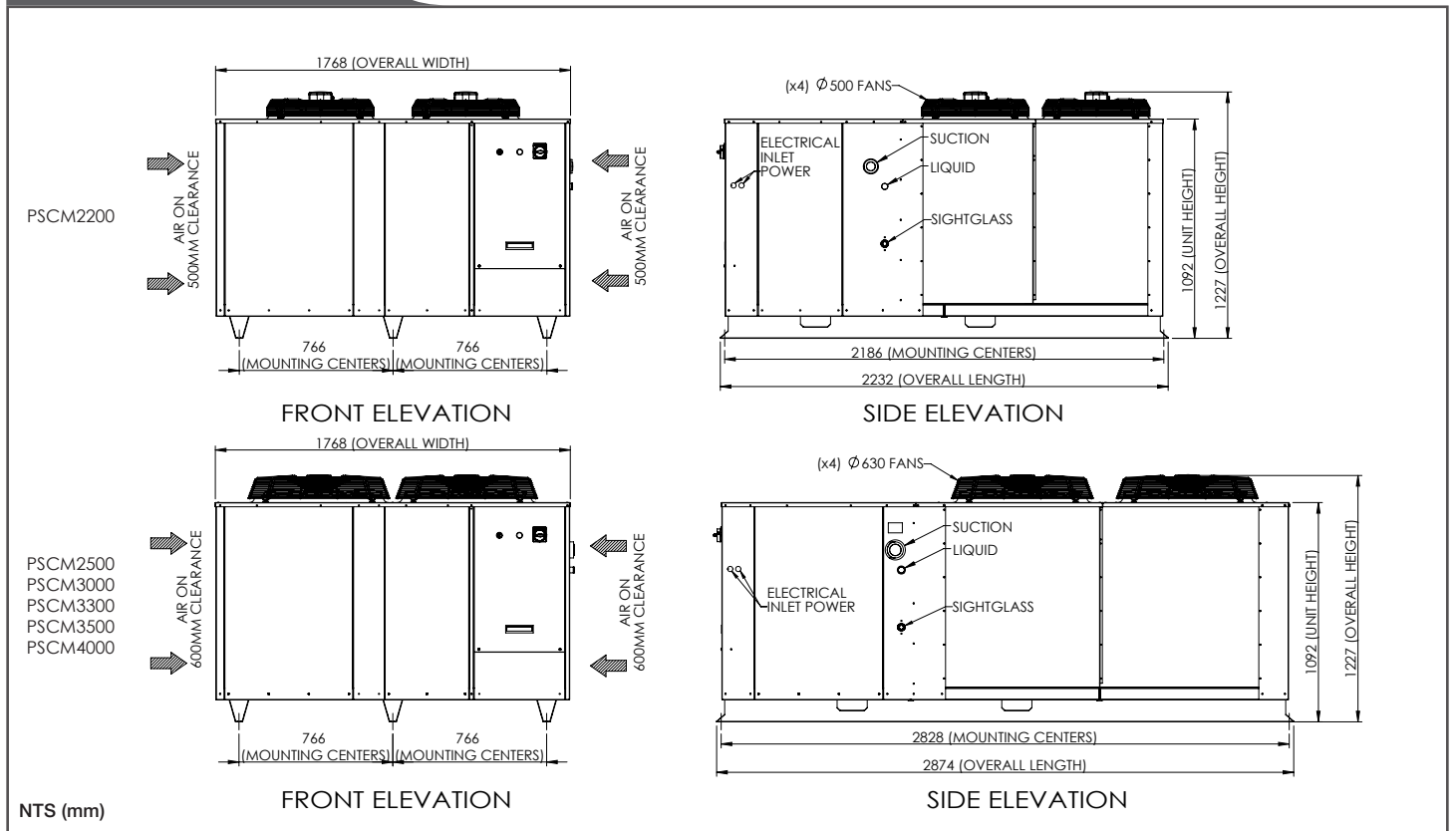
22 40 hp

COPELAND™

CAPACITY (Watts) @ 32°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C						
			-25	-20	-15	-10	-5	0	5
PSCM2200	22.0	R449A	18110	22790	28640	34990	42330	50590	59870
		R407F	-	22280	28230	34680	41940	50220	59470
		R404A	20610	25010	30540	36720	42820	49570	57940
PSCM2500	25.0	R449A	21110	26420	32400	39880	47610	56390	66080
		R407F	-	25910	32840	40290	48720	58200	68910
		R404A	23750	29070	35600	42290	50530	58770	67830
PSCM3000	30.0	R449A	24070	29520	36210	44350	52880	62420	73030
		R407F	-	28340	35740	43700	52630	62730	74010
		R404A	26810	32400	39270	46100	54550	62830	71870
PSCM3300	33.0	R449A	26520	32990	40390	49670	59280	70180	82230
		R407F	-	32210	39860	49370	59400	70770	83460
		R404A	29700	36600	44450	52470	62340	72130	82760
PSCM3500	35.0	R449A	29780	37110	45550	55060	66850	79090	92760
		R407F	-	36150	44450	55180	66500	79380	93780
		R404A	33190	41000	49940	58980	68870	81360	93470
PSCM4000	40.0	R449A	36620	44880	54880	66970	79600	93530	108940
		R407F	-	43330	53860	66730	80340	95680	111080
		R404A	39920	48470	58960	69690	81560	94490	108360

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					
PSCM2200	22.0	4MA-22X	380-420/3/50	36.3	175.0	CPK1000_2	7164	4 x 500	2180	9.6	28.2	1-5/8"	1-1/8"	68	810
PSCM2500	25.0	4MH-25X	380-420/3/50	41.6	199.0	CPK1200_2	14760	4 x 630	5000	10.0	28.2	2-1/8"	1-1/8"	71	865
PSCM3000	30.0	4MI-30X	380-420/3/50	46.6	221.0	CPK1200_2	14760	4 x 630	5000	10.0	36.3	2-1/8"	1-1/8"	73	900
PSCM3300	33.0	4MJ-33X	380-420/3/50	52.9	221.0	CPK1300_2	14100	4 x 630	5000	10.0	36.3	2-1/8"	1-1/8"	73	900
PSCM3500	35.0	4MK-35X	380-420/3/50	61.1	255.0	CPK1500_2	13460	4 x 630	5000	10.0	48.4	2-1/8"	1-1/8"	73	900
PSCM4000	40.0	6MI-40X	380-420/3/50	71.4	304.0	CPK2050_2	13260	4 x 630	5000	10.0	48.4	2-1/8"	1-1/8"	73	900

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.
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PATTON



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