

Condensing Units



- Reliable and efficient Frascold 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.

PSF SEMI-HERMETIC 150 - 300

1.5 3 hp

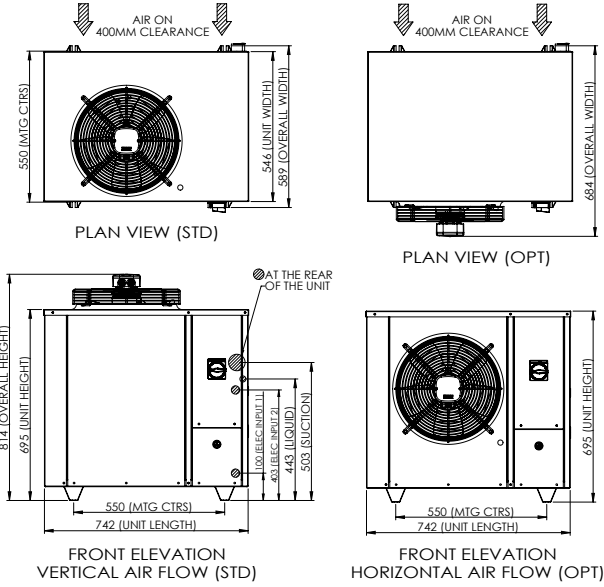
frascold

CAPACITY (Watts) @ 38°C Ambient

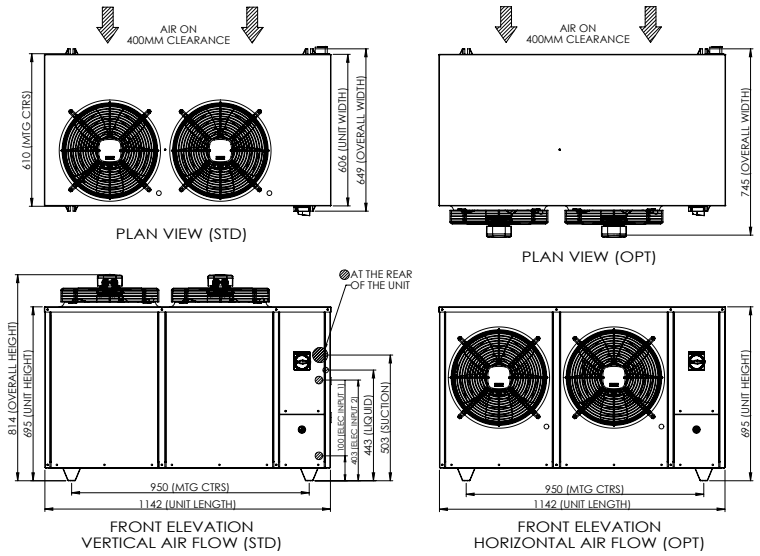
Model	Nom. hp	Refrigerant	Evaporating Temp °C								
			-30	-25	-20	-15	-10	-5	0	5	10
PSFS150	1.5	R134a	-	-	-	1570	2010	2490	3070	3680	4370
		R404A	1310	1700	2120	2660	3200	3800	4680	5700	-
PSF150	1.5	R134a	-	-	-	1570	2010	2490	3070	3680	4370
		R404A	1310	1700	2120	2660	3200	3800	4680	5700	-
PSF200	2.0	R134a	-	-	-	2400	3060	3810	4680	5670	6680
		R404A	1980	2530	3170	3910	4660	5600	6510	7660	-
PSF300	3.0	R134a	-	-	-	2790	3910	4930	6020	7250	8780
		R404A	2570	3390	4210	5220	6220	7300	8830	10600	-

DIMENSIONS

PSF 150



PSF 200
PSF 300



NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSOR					RECEIVER	CONNECTION		Noise Level (dbA) (3)	Weight (kg)
	NOM. hp	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow l/sec	Fan Motor(s)			Capacity (kg) (3)	Suction	Liquid		
								No. (1)	Watts	Amps					
PSFS150	1.5	A 1.5 7 Y-1	220-240/1/50	7.9	35.8	CPK200	1007	1 x 350	145	0.7	3.7	5/8"	3/8"	58	92
PSF150	1.5	A 1.5 7 Y	380-420/3/50	4.5	20.6	CPK200	1007	1 x 350	145	0.7	3.7	5/8"	3/8"	58	92
PSF200	2.0	B 2 10.1 Y	380-420/3/50	6.7	35.9	CPK350	1933	2 x 350	290	1.4	6.2	3/4"	1/2"	59	170
PSF300	3.0	D 3 13.1 Y	380-420/3/50	8.8	43.7	CPK450	1859	2 x 350	290	1.4	6.2	7/8"	1/2"	61	173

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.
- Electrically complies to AS/NZS 60335.2.89 : 2002 + A1 - A3 (selected clauses)

Condensing Units



- Reliable and efficient Frascold 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.

PSF SEMI-HERMETIC 500 - 2000

5 20 hp

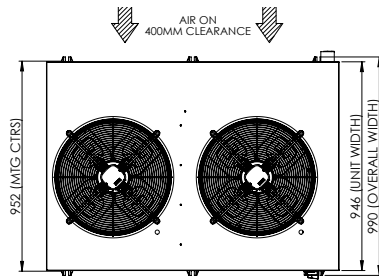
frascold

CAPACITY (Watts) @ 38°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C								
			-30	-25	-20	-15	-10	-5	0	5	10
PSF500	5.0	R134a	-	-	-	4740	6160	7860	9860	12160	14590
		R404A	3970	5360	6910	8650	10330	12400	14680	16770	-
PSF700	7.0	R134a	-	-	-	6650	8300	10210	12270	14790	17660
		R404A	5150	6630	8340	10080	12240	14680	17040	19570	-
PSF750	7.5	R134a	-	-	-	6620	8460	10630	12970	15870	18910
		R404A	5990	7690	9630	11840	14040	16760	19400	22730	-
PSF800	8.0	R134a	-	-	-	7980	10140	12670	15380	18680	22400
		R404A	7160	9130	11160	13680	16530	19340	22860	26200	-
PSF1000	10.0	R134a	-	-	-	10200	12990	16250	19710	23940	28730
		R404A	8210	10680	13540	16470	20150	24310	28400	32840	-
PSF1500	15.0	R134a	-	-	-	13100	16450	20340	24830	29600	35430
		R404A	11640	14910	18160	22110	26040	30920	35700	42640	-
PSF2000	20.0	R134a	-	-	-	14720	18460	22810	27470	33170	39150
		R404A	12910	16500	20080	24420	28720	34060	39280	46850	-

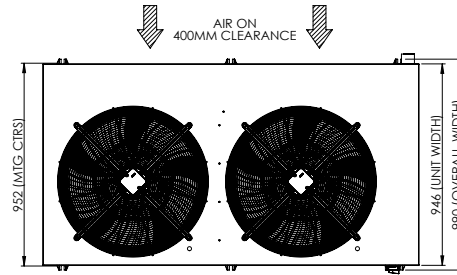
PATTON PAK PSF SEMI-HERMETIC 500 - 2000

DIMENSIONS



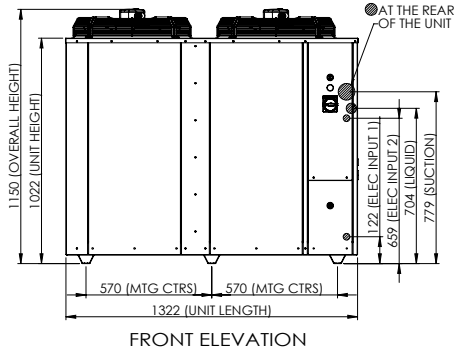
PSF500
PSF700
PSF750

PLAN VIEW
VERTICAL AIR FLOW

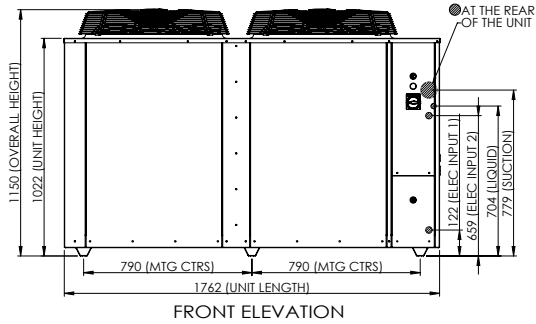


PSF800
PSF1000
PSF1500
PSF2000

PLAN VIEW



FRONT ELEVATION



FRONT ELEVATION

NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSOR					RECEIVER	CONNECTION		Noise Level (dbA) (3)	Weight (kg)
	NOM. hp	MODEL	VOLTAGE	RLA Amps	LRA Amps	Model	Airflow l/sec	Fan Motor(s)			Capacity (kg) (2)	Suction	Liquid		
								No. (1)	Watts	Amps					
PSF500	5.0	Q521Y	380-420/3/50	11.6	63.1	CPK650	4320	2 x 500	1090	4.8	8.8	1-1/8"	5/8"	62	205
PSF700	7.0	Q525Y	380-420/3/50	12.7	63.1	CPK800	3927	2 x 500	1090	4.8	10.4	1-1/8"	5/8"	63	270
PSF750	7.5	Q728Y	380-420/3/50	17.6	87.3	CPK900	3750	2 x 500	1090	4.8	10.4	1-3/8"	5/8"	63	290
PSF800	8.0	Q733Y	380-420/3/50	20.0	87.3	CPK1200	7380	2 x 630	2500	5.0	10.4	1-3/8"	5/8"	64	290
PSF1000	10.0	S1242 Y	380-420/3/50	22.4	59.1	CPK1300	7050	2 x 630	2500	5.0	10.4	1-3/8"	5/8"	65	350
PSF1500	15.0	S1552Y	380-420/3/50	32.4	74.8	CPK1500	6730	2 x 630	1680	5.0	20.0	1-5/8"	7/8"	66	365
PSF2000	20.0	V2056Y	380-420/3/50	38.4	136.2	CPK2050	6630	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
- Unit supplied with dry nitrogen holding charge
- Electrically complies to AS/NZS 60335.2.89 : 2002 + A1 - A3 (selected clauses)