

Condensing Units



- Reliable Patton Inverter system.
- Compressor always load matches for the most stable suction control and the best energy efficiency.
- EC fans for additional energy savings and stable condensing.
- VSD offer superior electrical protection.
- Fully wired and programmed VSD with easy to use setpoint control.
- Supplied c/w : HP/LP safety, Crankcase Heater, Oil-separator, Accumulator, Liquid receiver, Liquid line drier, Sight glass, Suction line filter and Isolator switch.
- All condenser coils supplied with "Patton Coat" fin and coil protective coating.

PVTZ INVERTER 600 - 1800



CAPACITY (kW) @ 32°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C													
			-20		-15		-10		-5		0		5			
PVTZ600	6.0	R134a			30Hz	90Hz	30Hz	90Hz	30Hz	90Hz	30Hz	90Hz	30Hz	90Hz	30Hz	90Hz
					1.37	4.50	1.94	6.35	2.62	8.59	3.45	11.29	4.42	14.48		
		R404A	1.82	5.90	2.52	8.04	3.37	10.51	4.39	13.06	5.62	16.94				
PVTZ600M	6.0	R134a			30Hz	85Hz	30Hz	85Hz	30Hz	85Hz	30Hz	85Hz	30Hz	85Hz		
					2.30	6.90	2.99	8.94	3.82	11.43	4.82	14.44				
		R404A	1.82	5.90	2.52	8.04	3.37	10.51	4.39	13.06	5.62	16.94				
PVTZ900	9.0	R134a	30Hz	85Hz	30Hz	85Hz	30Hz	85Hz	30Hz	85Hz	30Hz	85Hz	30Hz	85Hz		
					2.30	6.90	2.99	8.94	3.82	11.43	4.82	14.44	6.02	18.04		
		R404A	3.08	8.59	4.09	11.49	5.32	15.06	6.79	19.31	8.54	24.46				
PVTZ900M	9.0	R134a			30Hz	90Hz	30Hz	90Hz	30Hz	90Hz	30Hz	90Hz	30Hz	90Hz		
					2.57	9.08	3.71	12.80	5.08	17.23	6.74	22.47	8.71	28.62		
		R404A	3.90	12.91	5.30	17.73	7.10	23.27	9.07	29.54	11.50	36.58				
PVTZ1300	13.0	R134a			30Hz	90Hz	30Hz	90Hz	30Hz	90Hz	30Hz	90Hz	30Hz	90Hz		
					2.57	9.08	3.71	12.80	5.08	17.23	6.74	22.47	8.71	28.62		
		R404A	3.90	12.91	5.30	17.73	7.10	23.27	9.07	29.54	11.50	36.58				
PVTZ1300M	13.0	R134a			30Hz	90Hz	30Hz	90Hz	30Hz	90Hz	30Hz	90Hz	30Hz	90Hz		
					3.99	13.09	5.42	17.75	7.11	23.30	9.11	29.88	11.47	37.61		
		R404A	5.22	17.07	7.16	23.14	9.49	30.31	12.28	38.78	15.57	48.56				
PVTZ1800	18	R134a			30Hz	90Hz	30Hz	90Hz	30Hz	90Hz	30Hz	90Hz	30Hz	90Hz		
					3.99	13.09	5.42	17.75	7.11	23.30	9.11	29.88	11.47	37.61		
		R404A	5.22	17.07	7.16	23.14	9.49	30.31	12.28	38.78	15.57	48.56				
			6.36	21.42	8.77	28.43	11.66	36.75	14.82	46.68						

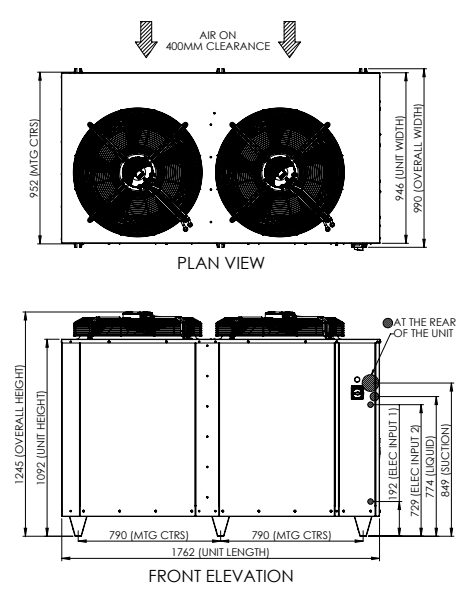
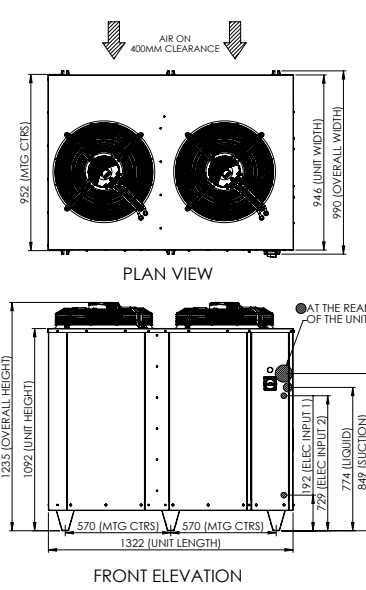
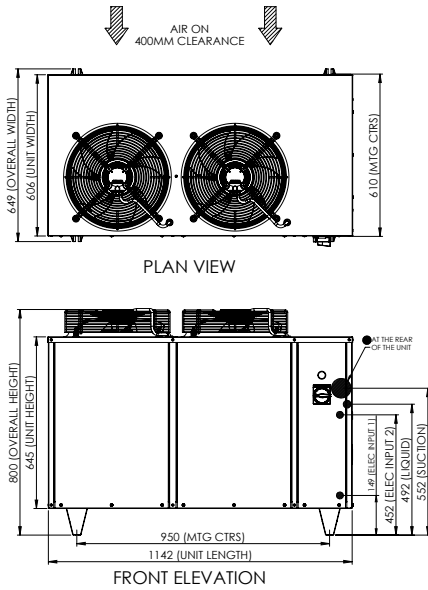
All R134a applications are suitable for R513A.
For all applications outside the listings please contact your local branch.

DIMENSIONS

PVTZ600
PVTZ600M

PVTZ900
PVTZ900M

PVTZ1300
PVTZ1300M
PVTZ1800



NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR					CONDENSER				RECEIVER	CONNECTIONS		Wgt (kg)
	Nom. hp	Model	Voltage	RLA Amps	LRA Amps	Model	Fan Motors			Capacity (kg) (2)	Suction	Liquid	
							No. (1)	Tot. Watts	Tot. Amps				
PVTZ600	6.0	VTZ-086	380-420/3/50	16	74	CPK600	2 x 350	300	1.9	8.8	7/8"	1/2"	135
PVTZ600M	6.0	VTZ-121	380-420/3/50	23.2	118	CPK600	2 x 350	300	1.9	8.8	7/8"	1/2"	140
PVTZ900	9.0	VTZ-121	380-420/3/50	23.2	118	CPK900	2 x 500	1300	5.8	10.4	1-1/8"	5/8"	192
PVTZ900M	9.0	VTZ-171	380-420/3/50	30.5	130	CPK900	2 x 500	1300	5.8	10.4	1-1/8"	5/8"	212
PVTZ1300	13.0	VTZ-171	380-420/3/50	30.5	130	CPK1300	2 x 630	1240	5.4	10.4	1-3/8"	5/8"	228
PVTZ1300M	13.0	VTZ-215	380-420/3/50	40.8	197	CPK1300	2 x 630	1240	5.4	10.4	1-3/8"	5/8"	242
PVTZ1800	18.0	VTZ-215	380-420/3/50	40.8	197	CPK2050	2 x 630	1240	5.4	20.0	1-5/8"	7/8"	252

NOTES:

- All fans 220-240/1/50.
- R404A pump down capacity @ 80% full for 32° C liquid temp.
- All "M" versions are dedicated R134a/R513A.
- Electrically complies to AS/NZS 60335.2.89 : 2002 + A1-A3 (Selected clauses).

WARRANTY TERMS:

Unit warranty is conditional on the commission sheet completed in full and returned to branch of purchase within 5 days of commissioning.