

Condensing Units



- Reliable and efficient Copeland Scroll Compressors.
- EC fans for additional energy savings and stable condensing.
- Supplied c/w compact HP safety & adjustable LP, Crankcase Heater, Oil Separator, Liquid Receiver, Liquid Line Drier & Sightglass, Suction Filter & Accumulator, Electrical box fully wired c/w Main Isolator in a ColorBond housing.
- Twin fan models include fan cycling pressure control.
- All condenser coils supplied with "Patton Coat" fin and coil protective coating.

PZB SCROLL 325 - 600



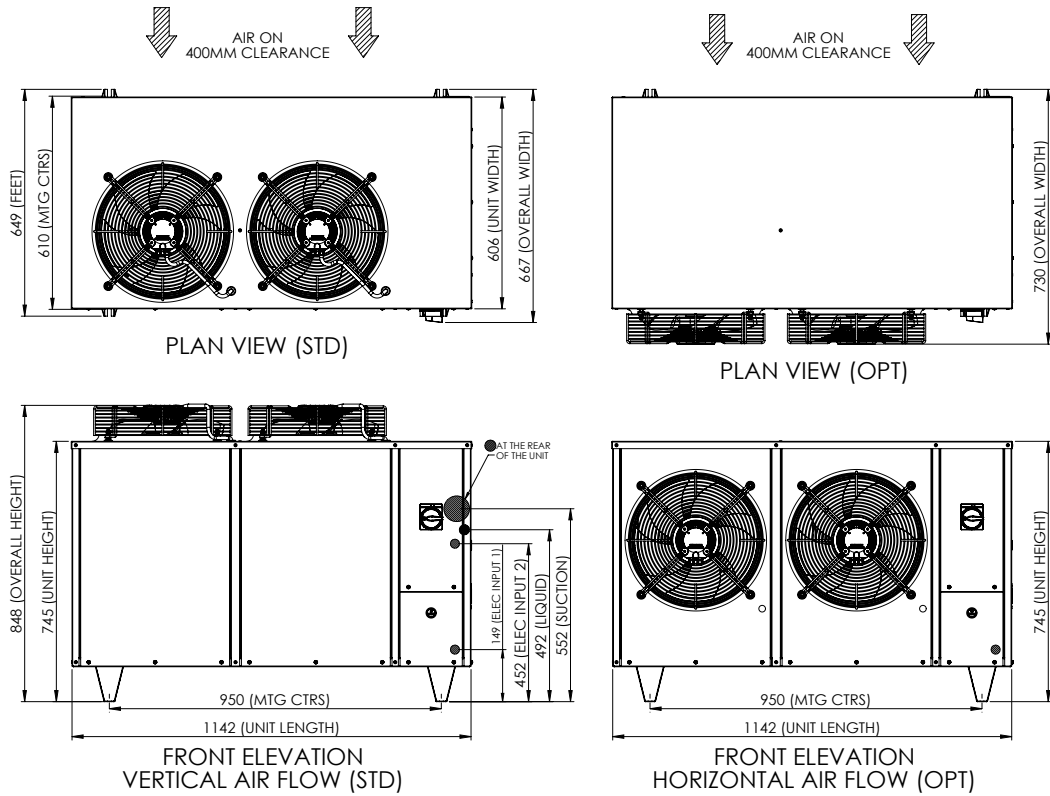
COPELAND™

CAPACITY (kW) @ 32°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C							
			-20	-15	-10	-5	0	5	10	15
PZB325	3.3	R134a	-	-	3.40	4.20	5.25	6.25	7.40	8.80
		R404A	3.99	4.81	5.73	6.77	7.80	9.09	-	-
		R449A	3.45	4.34	5.30	6.42	7.68	9.02	-	-
PZB350	3.5	R134a	-	-	4.00	5.00	5.90	7.20	8.45	10.00
		R404A	4.40	5.29	6.30	7.44	8.58	9.98	-	-
		R449A	4.20	4.97	6.08	7.26	8.60	10.09	-	-
PZB400	4.0	R134a	-	-	4.60	5.90	7.00	8.30	9.90	11.00
		R404A	5.06	6.17	7.28	8.63	9.95	11.34	-	-
		R449A	4.77	5.62	6.74	8.10	9.55	11.14	-	-
PZB500	5.0	R134a	-	-	5.20	6.65	8.50	10.10	12.11	14.35
		R404A	6.12	7.49	9.03	10.56	12.15	13.87	-	-
		R449A	6.00	7.15	8.75	10.40	12.42	14.37	-	-
PZB600	6.0	R134a	-	-	6.60	8.20	10.10	12.20	14.60	17.00
		R404A	7.41	8.92	10.62	12.34	14.16	16.49	-	-
		R449A	7.19	8.37	10.26	12.19	14.35	16.85	-	-

R449A operating at -20, the suction superheat must be 10K (max. of 15K).
Compressor warranty is void outside these operating conditions.

DIMENSIONS



PZB325
PZB350
PZB400
PZB500
PZB600

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					
PZB325	3.3	ZB21KQE-TFD	380-420/3/50	7.4	40.0	CPK350	1933	2 x 350	300	1.9	6.2	3/4"	1/2"	57	110
PZB350	3.5	ZB26KQE-TFD	380-420/3/50	6.4	46.0	CPK350	1933	2 x 350	300	1.9	6.2	3/4"	1/2"	57	112
PZB400	4.0	ZB29KQE-TFD	380-420/3/50	10.0	50.0	CPK450	1859	2 x 350	300	1.9	6.2	3/4"	1/2"	57	114
PZB500	5.0	ZB38KQE-TFD	380-420/3/50	12.8	65.5	CPK500	1787	2 x 350	300	1.9	8.8	7/8"	1/2"	58	122
PZB600	6.0	ZB45KCE-TFD	380-420/3/50	13.1	74.0	CPK600	1654	2 x 350	300	1.9	8.8	7/8"	1/2"	58	125

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).