

# 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 650 - 1500



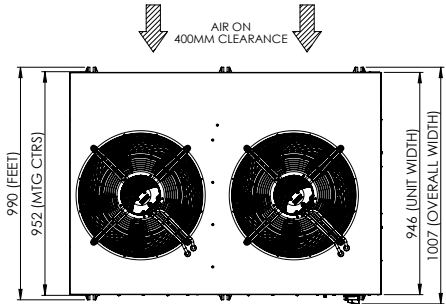
COPELAND™

### CAPACITY (kW) @ 32°C Ambient

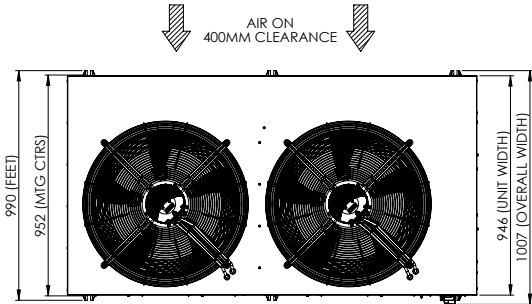
Model	Nom. hp	Refrigerant	Evaporating Temp °C							
			-20	-15	-10	-5	0	5	10	15
PZB650	6.5	R134a	-	-	7.34	9.06	10.92	13.20	15.62	18.21
		R404A	9.00	10.83	12.90	15.25	17.90	20.50	-	-
		R449A	8.51	10.04	12.29	14.76	17.61	20.67	-	-
PZB800	8.0	R134a	-	-	8.08	9.93	12.01	14.49	17.39	21.21
		R404A	10.22	12.43	14.59	17.18	20.07	22.93	-	-
		R449A	9.63	11.52	14.03	16.64	19.78	23.13	-	-
PZB900	9.0	R134a	-	-	9.68	11.98	14.76	17.87	21.27	24.01
		R404A	11.94	14.39	17.14	19.85	23.22	26.52	-	-
		R449A	10.86	13.46	15.71	19.02	22.40	26.21	-	-
PZB1000	10.0	R134a	-	-	11.23	13.89	17.05	20.48	24.61	28.08
		R404A	13.58	16.47	19.41	22.97	26.87	30.66	-	-
		R449A	12.84	15.66	18.31	21.89	26.21	30.62	-	-
PZB1300	13.0	R134a	-	-	13.77	17.07	20.96	25.15	29.89	34.99
		R404A	18.00	21.54	24.99	28.95	33.84	38.56	-	-
		R449A	15.79	19.58	22.75	27.50	32.40	38.21	-	-
PZB1500	15.0	R134a	-	-	16.08	20.05	24.41	29.35	35.21	41.51
		R404A	20.91	24.72	28.76	34.21	39.54	46.10	-	-
		R449A	18.55	23.15	27.13	32.62	38.76	46.10	-	-

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

**DIMENSIONS**



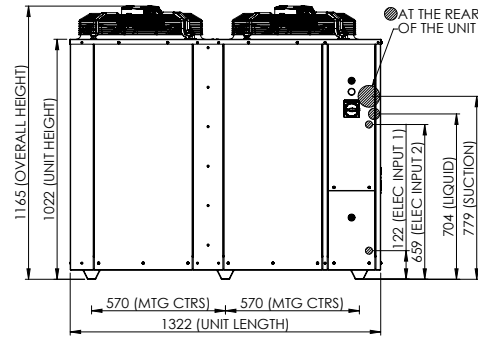
PLAN VIEW



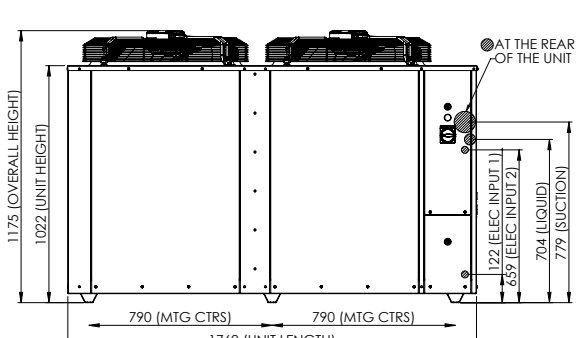
PLAN VIEW

PZB650  
PZB800  
PZB900  
PZB1000

PZB1300  
PZB1500



FRONT ELEVATION



FRONT ELEVATION

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					
PZB650	6.5	ZB48KQE-TFD	380-420/3/50	13.6	101.0	CPK650	4320	2 x 500	1300	5.8	8.8	1-1/8"	5/8"	60	135
PZB800	8.0	ZB58KQE-TFD	380-420/3/50	16.4	95.0	CPK800	3927	2 x 500	1300	5.8	10.4	1-1/8"	5/8"	60	182
PZB900	9.0	ZB66KQE-TFD	380-420/3/50	17.5	111.0	CPK900	3750	2 x 500	1300	5.8	10.4	1-1/8"	5/8"	61	208
PZB1000	10.0	ZB76KQE-TFD	380-420/3/50	20.0	118.0	CPK1000	3582	2 x 500	1300	5.8	10.4	1-3/8"	5/8"	62	212
PZB1300	13.0	ZB95KQE-TFD	380-420/3/50	26.4	140.0	CPK1300	7050	2 x 630	1240	5.4	10.4	1-3/8"	5/8"	65	225
PZB1500	15.0	ZB114KQE-TFD	380-420/3/50	28.6	174.0	CPK1500	6730	2 x 630	1240	5.4	20.0	1-5/8"	7/8"	65	235

**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 13/04/2021