

# 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.

## PZBS SCROLL 200 - 550



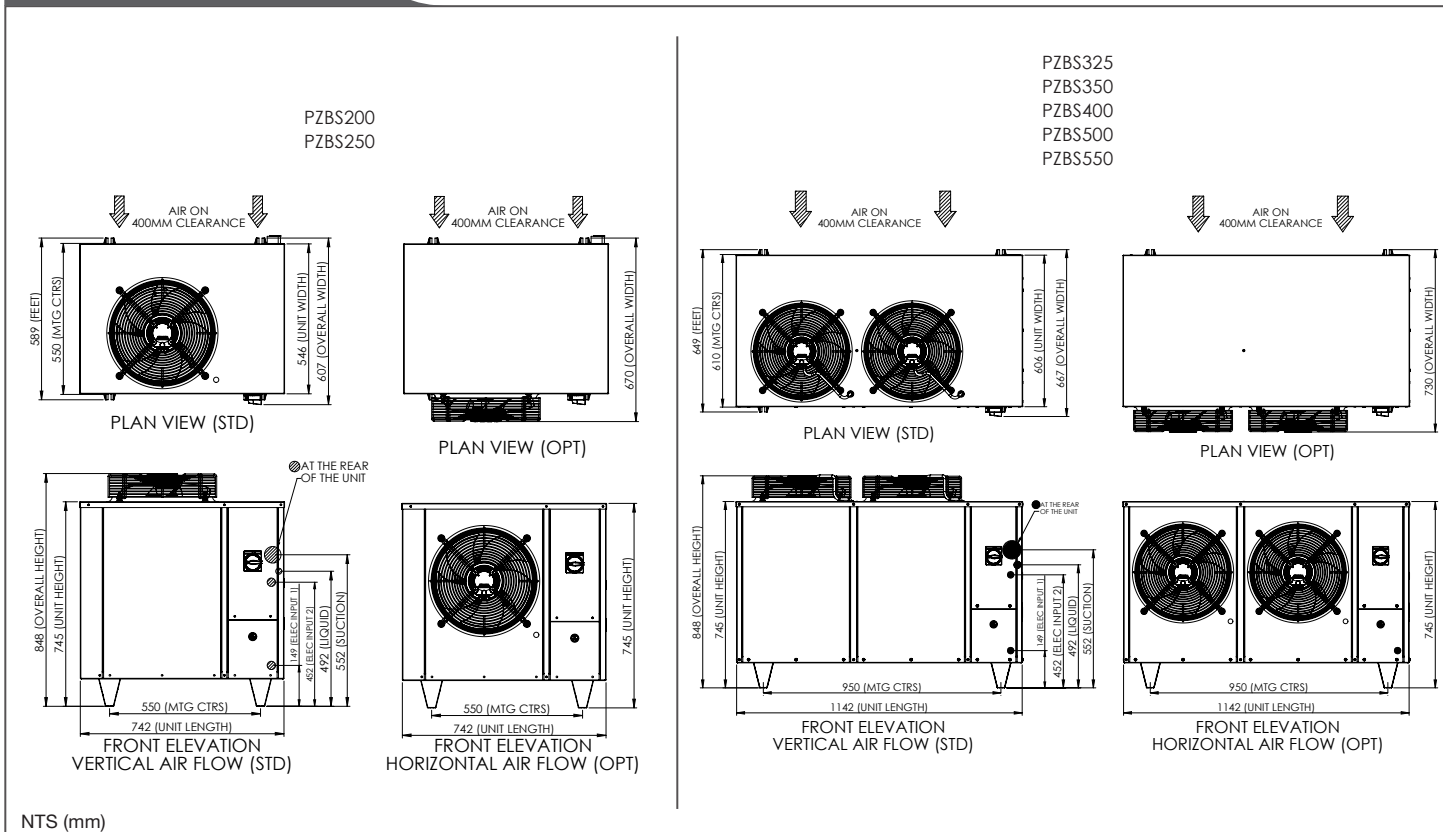
COPELAND™

### CAPACITY (kW) @ 32°C Ambient

Model	Nom. hp	Refrigerant	Evaporating Temp °C							
			-20	-15	-10	-5	0	5	10	15
PZBS200	2.0	R134a	-	-	1.76	2.36	3.10	4.15	4.85	5.85
		R404A	2.65	3.19	3.80	4.41	5.16	5.87	-	-
		R449A	2.40	2.82	3.47	4.16	5.02	5.90	-	-
PZBS250	2.5	R134a	-	-	2.34	2.95	3.60	4.40	5.40	6.40
		R404A	3.08	3.70	4.41	5.12	6.00	6.86	-	-
		R449A	2.79	3.30	4.05	4.90	5.80	6.82	-	-
PZBS325	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	-	-
PZBS350	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	-	-
PZBS400	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	-	-
PZBS500	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	-	-
PZBS550	5.5	R134a	-	-	5.50	7.00	8.85	10.48	12.56	15.00
		R404A	7.13	8.58	10.22	12.05	13.87	15.84	-	-
		R449A	6.62	8.18	9.87	11.89	13.99	16.41	-	-

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

# 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					
PZBS200	2.0	ZB15KQE-PFJ	220-240/1/50	12.8	58.0	CPK230	969	1 x 350	150	1.0	3.7	3/4"	3/8"	56	85
PZBS250	2.5	ZB19KQE-PFJ	220-240/1/50	12.8	61.0	CPK250	931	1 x 350	150	1.0	3.7	3/4"	3/8"	56	85
PZBS325	3.3	ZB21KQE-PFJ	220-240/1/50	13.8	82.0	CPK350	1933	2 x 350	300	1.9	6.2	3/4"	1/2"	57	110
PZBS350	3.5	ZB26KQE-PFJ	220-240/1/50	20.0	97.0	CPK350	1933	2 x 350	300	1.9	6.2	3/4"	1/2"	57	112
PZBS400	4.0	ZB29KQE-PFJ	220-240/1/50	23.5	114.0	CPK450	1859	2 x 350	300	1.9	6.2	3/4"	1/2"	57	114
PZBS500	5.0	ZB38KQE-PFJ	220-240/1/50	23.3	142.0	CPK500	1787	2 x 350	300	1.9	8.8	7/8"	1/2"	58	122
PZBS550	5.5	ZB42KQE-PFJ	220-240/1/50	29.8	150.0	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).

The company reserves the right to make specification changes without notice. NZ: 13/04/2021