

PattonPak Water Chiller Condensing Units



Packaged Water Chiller



- Reliable and efficient Copeland Scroll Compressors.
- World renowned Kelvion Brazed PlateHeat Exchangers.
- Pre-wired units - Including water temp, low temp and flow switch safety controls.
- Refrigerant circuit complete ex works.
- All condenser coils supplied with "Patton Coat" fin and coil protective coating.

PZBW SCROLL WATER CHILLER 325 - 600

3.3 6 hp

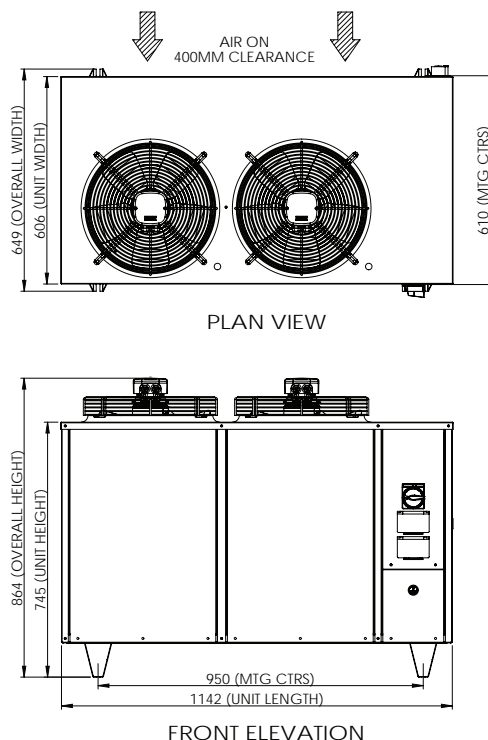
CAPACITY @ 32°C Ambient

COPELAND

Model	Nom hp.	Refrigerant	Nom. kW (EWT 12°C / LWT 6°C)	Nom. BPHE Model	Flow Rate (l/sec)	WPD BPHE (kPa)	Nom. TXV Selection
PZBS325W	3.3	R449A	7.68	M25-10	0.31	17.6	TCLE200BW
		R404A	7.80	M25-10	0.31	18.0	TCLE200SW
PZBS350W	3.5	R449A	8.60	M25-14	0.34	11.7	TCLE250BW
		R404A	8.58	M25-14	0.34	11.7	TCLE200SW
PZBS400W	4.0	R449A	9.55	M25-14	0.38	14.1	TCLE250BW
		R404A	9.95	M25-14	0.40	15.2	TCLE250SW
PZB400W	4.0	R449A	9.55	M25-14	0.38	14.1	TCLE250BW
		R404A	9.95	M25-14	0.40	15.2	TCLE250SW
PZB500W	5.0	R449A	12.42	M25-20	0.49	12.0	TCLE300BW
		R404A	12.15	M25-20	0.48	11.6	TCLE250SW
PZB600W	6.0	R449A	14.35	M25-24	0.57	11.4	TCLE300BW
		R404A	14.16	M25-24	0.56	11.1	TCLE400SW

DIMENSIONS

PZBS325W
PZBS350W
PZBS400W
PZB400W
PZB500W
PZB600W



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)	Water		
								No. (1)	Tot. Watts	Tot. Amps				
PZBS325W	3.3	ZB21KQE-PFJ	220-240/1/50	13.8	82.0	CPK350	1933	2 x 350	290	1.4	6.2	1-1/4" BSP.F	57	115
PZBS350W	3.5	ZB28KQE-PFJ	220-240/1/50	16.0	97.0	CPK350	1933	2 x 350	290	1.4	6.2	1-1/4" BSP.F	57	117
PZBS400W	4.0	ZB29KQE-PFJ	220-240/1/50	17.9	114.0	CPK450	1859	2 x 350	290	1.4	6.2	1-1/4" BSP.F	57	120
PZB400W	4.0	ZB29KQE-TFD	380-420/3/50	7.1	50.0	CPK450	1859	2 x 350	290	1.4	6.2	1-1/4" BSP.F	58	120
PZB500W	5.0	ZB38KQE-TFD	380-420/3/50	9.0	65.0	CPK500	1787	2 x 350	290	1.4	8.8	1-1/4" BSP.F	58	130
PZB600W	6.0	ZB45KQE-TFD	380-420/3/50	9.1	74.0	CPK600	1654	2 x 350	290	1.4	8.8	1-1/4" BSP.F	58	134

NOTE:

- 350mm Cond 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)

The company reserves the right to make specification changes without notice. NZ 18/01/2019

Packaged Water Chiller



- Reliable and efficient Copeland Scroll Compressors.
- World renowned Kelvion Brazed Plate Heat Exchangers.
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PZBW SCROLL WATER CHILLER 650 - 1500

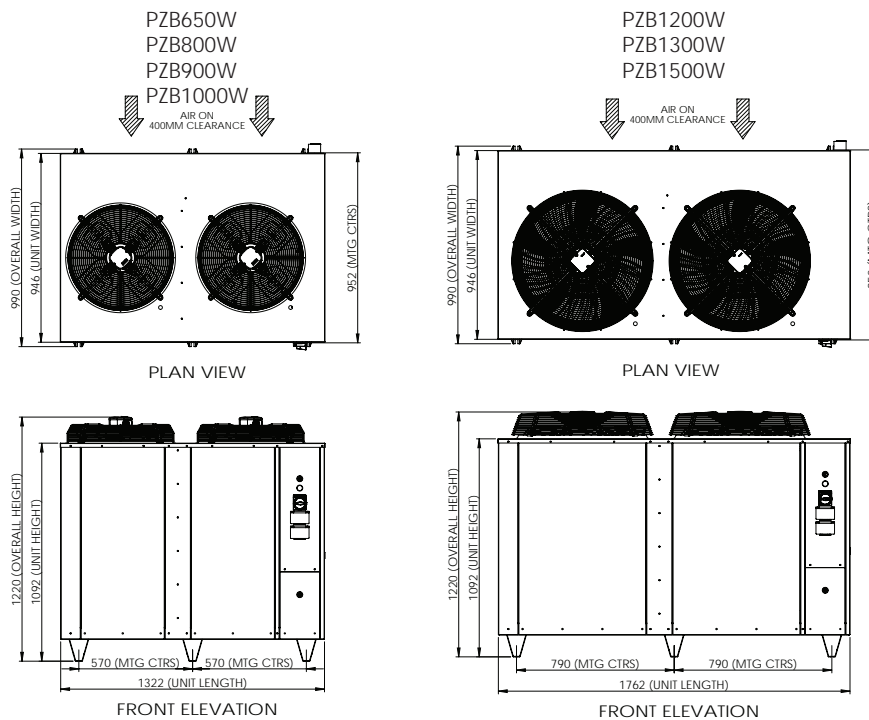
6.5 15 hp

COPELAND™

CAPACITY @ 32°C Ambient

Model	Nom hp.	Refrigerant	Nom. kW (EWT 12°C / LWT 6°C)	Nom. BPHE Model	Flow Rate (l/sec)	WPD BPHE (kPa)	Nom. TXV Selection
PZB650W	6.5	R449A	17.61	M25-30	0.71	11.2	TCLE300BW
		R404A	17.90	M25-30	0.71	11.5	TCLE600SW
PZB800W	8.0	R449A	19.78	M25-30	0.79	13.9	TCLE500BW
		R404A	20.07	M25-30	0.80	14.3	TCLE600SW
PZB900W	9.0	R449A	22.40	M25-40	0.89	10.8	TCLE500BW
		R404A	23.22	M25-40	0.92	11.5	TCLE850SW
PZB1000W	10.0	R449A	26.21	M25-40	1.04	14.4	TCLE800BW
		R404A	26.87	M25-40	1.07	15.0	TCLE850SW
PZB1200W	12.0	R449A	30.84	M25-50	1.23	13.5	TCLE800BW
		R404A	29.55	M25-50	1.17	12.5	TCLE850SW
PZB1300W	13.0	R449A	32.40	M25-50	1.29	14.8	TCLE1100BW
		R404A	33.84	M25-50	1.34	16.0	TCLE1000SW
PZB1500W	15.0	R449A	38.76	M25-60	1.54	15.7	TCLE1100BW
		R404A	39.54	M25-60	1.57	16.2	TJRE12SW

DIMENSIONS



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)			
								No. (1)	Tot. Watts	Tot. Amps		Water		
PZB650W	6.5	ZB48KQE-TFD	380-420/3/50	13.6	101.0	CPK650	4320	2 x 500	1090	4.8	8.8	1-1/4" BSP.F	60	145
PZB800W	8.0	ZB58KQE-TFD	380-420/3/50	16.4	95.0	CPK800	3927	2 x 500	1090	4.8	10.4	1-1/4" BSP.F	60	192
PZB900W	9.0	ZB66KQE-TFD	380-420/3/50	17.5	111.0	CPK900	3750	2 x 500	1090	4.8	10.4	1-1/4" BSP.F	61	218
PZB1000W	10.0	ZB76KQE-TFD	380-420/3/50	20.0	118.0	CPK1000	3582	2 x 500	1090	4.8	10.4	1-1/4" BSP.F	62	222
PZB1200W	12.0	ZB88KQE-TFD	380-420/3/50	22.3	118.0	CPK1200	7380	2 x 630	2500	5.0	10.4	1-1/4" BSP.F	63	230
PZB1300W	13.0	ZB95KQE-TFD	380-420/3/50	26.4	140.0	CPK1300	7050	2 x 630	2500	5.0	10.4	1-1/4" BSP.F	65	235
PZB1500W	15.0	ZB114KQE-TFD	380-420/3/50	28.6	174.0	CPK1500	6730	2 x 630	2500	5.0	20.0	1-1/4" BSP.F	65	246

NOTES:

- 500mm Cond Fans - 220-240/1/50
630mm Cond Fans - 380-420/3/50
- 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 18/01/2019

PATTON



The company reserves the right to make specification changes without notice. 16/11/2018

