

PattonPak Water Chiller Condensing Units



Packaged Water Chiller



Quiet and efficient Copeland ZB
Copeland Scroll Compressors

World renowned GEA Brazed Plate
Heat Exchangers

Refrigerant circuit complete ex works

Pre-wired units – Including water temp
& low temp safety controls

Condenser coils supplied with "Patton
Coat" fin and coil protective coating

PZBW WATER CHILLER 325 - 1500

3.25 15 hp

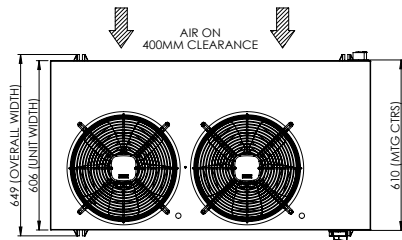
CAPACITY (Watts) @ 38°C Ambient

COPELAND™

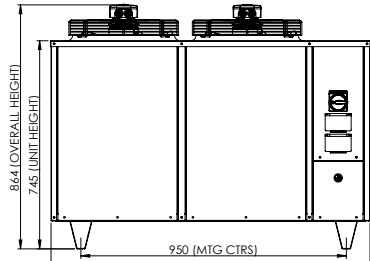
MODEL	Nom hp.	Refrigerant.	Nom. Kw (EWT 12°C - LWT 7°C)	Nom. BPHE Model	Flow Rate (l/sec)	WPD BPHE (kPa)	Nom. T.X Selection (Alco T-Series)
PZBS325W	3.25	R404A	6.0	M25-10	0.29	15.6	TCLE-2-SC
PZBS350W	3.5	R404A	8.0	M25-14	0.38	14.3	TCLE-2-SC
PZBS400W	4.0	R404A	9.0	M25-14	0.43	17.8	TCLE-2-SC
PZB400W	4.0	R404A	9.0	M25-14	0.43	17.8	TCLE-2-SC
PZB500W	5.0	R404A	11.0	M25-20	0.52	13.5	TCLE-3-SC
PZB600W	6.0	R404A	14.0	M25-24	0.67	15.2	TCLE-3-SC
Quantum Platform							
PZB650W	6.5	R404A	17.0	M25-30	0.81	14.8	TCLE-4-1/2-SC
PZB800W	8.0	R404A	20.0	M25-30	0.95	19.9	TCLE-4-1/2-SC
PZB900W	9.0	R404A	23.0	M25-40	1.10	15.8	TCLE-7-SC
PZB1000W	10.0	R404A	27.0	M25-40	1.29	21.3	TCLE-7-SC
PZB1200W	12.0	R404A	31.0	M25-50	1.48	19.2	TCLE-8-SC
PZB1300W	13.0	R404A	33.0	M25-50	1.57	21.6	TCLE-8-SC
PZB1500W	15.0	R404A	39.0	M57-30	1.86	18.8	TJLE-9-SC

DIMENSIONS

PZBS325W PZBS350W

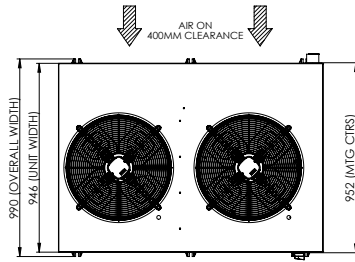


PLAN VIEW

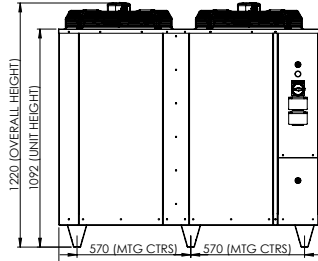


FRONT ELEVATION

PZB650W PZB800W

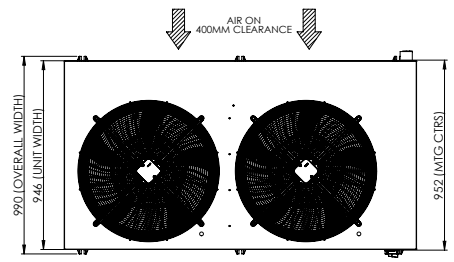


PLAN VIEW

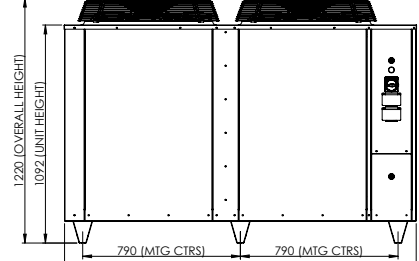


FRONT ELEVATION

PZB1200W PZB1300W



PLAN VIEW



FRONT ELEVATION

NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR						CONDENSER				RECEIVER	CONNECTIONS WATER	Noise Level (dbA) (3)	Wgt (kg)
	Nom. hp	Model	Voltage	DISP m3/hr	RLA Amps	LRA Amps	Fans x Dia	Airflow (l/sec)	Fan Motors (1)		Capacity (kg) (2)			
								Watts	Amps					
PZBS325W	3.3	ZB21KQE-PFJ	220-240/1/50	8.6	13.8	82.0	2 x 350	1933	290	1.4	6.2	1-1/4" BSP.F	57	115
PZBS350W	3.5	ZB26KQE-PFJ	220-240/1/50	9.9	16.0	97.0	2 x 350	1933	290	1.4	6.2	1-1/4" BSP.F	57	117
PZBS400W	4.0	ZB29KQE-PFJ	220-240/1/50	11.4	17.9	114.0	2 x 350	1859	290	1.4	8.8	1-1/4" BSP.F	57	120
PZB400W	4.0	ZB29KQE-TFD	380-420/3/50	11.4	7.1	50.0	2 x 350	1859	290	1.4	8.8	1-1/4" BSP.F	58	120
PZB500W	5.0	ZB38KQE-TFD	380-420/3/50	14.4	9.0	65.0	2 x 350	1787	290	1.4	8.8	1-1/4" BSP.F	58	130
PZB600W	6.0	ZB45KQE-TFD	380-420/3/50	17.1	9.1	74.0	2 x 350	1654	290	1.4	8.8	1-1/4" BSP.F	58	134
Quantum Platform														
PZB650W	6.5	ZB48KQE-TFD	380-420/3/50	18.8	13.6	101.0	2 x 500	4320	1090	4.8	8.8	1-1/4" BSP.F	60	145
PZB800W	8.0	ZB58KQE-TFD	380-420/3/50	22.1	16.4	95.0	2 x 500	3927	1090	4.8	10.4	1-1/4" BSP.F	60	192
PZB900W	9.0	ZB66KQE-TFD	380-420/3/50	25.7	17.5	111.0	2 x 500	3750	1090	4.8	10.4	1-1/4" BSP.F	61	218
PZB1000W	10.0	ZB76KQE-TFD	380-420/3/50	28.8	20.0	118.0	2 x 500	3582	1090	4.8	10.4	1-1/4" BSP.F	62	222
PZB1200W	12.0	ZB88KQE-TFD	380-420/3/50	33.2	22.3	118.0	2 x 630	7380	2500	5.0	10.4	1-1/4" BSP.F	63	230
PZB1300W	13.0	ZB95KQE-TFD	380-420/3/50	36.4	26.4	140.0	2 x 630	7050	2500	5.0	10.4	1-1/4" BSP.F	65	235
PZB1500W	15.0	ZB114KQE-TFD	380-420/3/50	43.3	28.6	174.0	2 x 630	6730	2500	5.0	20.0	1-1/2" BSP.F	65	246

NOTES:

- 350mm & 500mm Fans - 220-240/1/50
630mm Fans - 380-420/3/50
- R404A pump down capacity shown @ 80% full for 32°C liquid temperature.
- 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. AU 21/01/2019

PATTON



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