

Packaged Water Chiller



- Reliable and efficient Copeland Scroll compressors.
- EC fans for additional energy savings and stable condensing.
- 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.
- Pump options available, fitted on request.

PZBW SCROLL WATER CHILLER 325 - 1500



3.25 15 hp

COPELAND™

CAPACITY (kW) @ 32°C Ambient

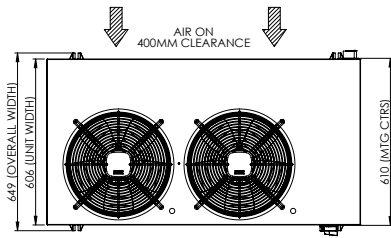
Model	Nom hp.	Refrigerant (1)	Nom. kW (EWT 12°C / LWT 7°C) (2)	Nom. BPHE Model	Flow Rate (l/sec)	WPD BPHE (kPa)	Nom. TX Selection (3)	
							Danfoss	Emerson
PZBS325W	3.25	R449A	7.9	M25-10	0.29	15.6	T2-3	TISE-3BW
PZBS350W	3.5	R449A	9.0	M25-14	0.38	14.3	T2-4	TISE-4BW
PZBS400W	4.0	R449A	10.4	M25-14	0.43	17.8	T2-4	TISE-4BW
PZB400W	4.0	R449A	10.4	M25-14	0.43	17.8	T2-4	TISE-4BW
PZB500W	5.0	R449A	13.6	M25-20	0.52	13.5	T2-5	TISE-4BW
PZB600W	6.0	R449A	15.9	M25-24	0.67	15.2	T2-6	TISE-5BW
PZB650W	6.5	R449A	18.3	M25-30	0.81	14.8	TE5-2	TCLE-B5B-BW
PZB800W	8.0	R449A	20.8	M25-30	0.95	19.9	TE5-2	TCLE-B5B-BW
PZB900W	9.0	R449A	24.1	M25-40	1.10	15.8	TE5-3	TCLE-B6B-BW
PZB1000W	10.0	R449A	28.4	M25-40	1.20	21.3	TE5-3	TCLE-B6B-BW
PZB1300W	13.0	R449A	34.7	M25-50	1.57	21.6	TE5-4	TCLE-B7B-BW
PZB1500W	15.0	R449A	42.2	M57-30	1.86	18.8	TE5-4	TCLE-B8B-BW

DIMENSIONS

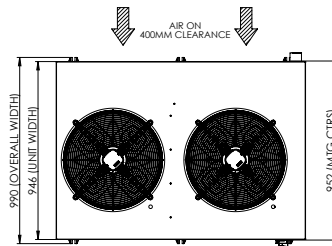
PZBS325W
PZBS350W
PZBS400W
PZB400W
PZB500W
PZB600W

PZB650W
PZB800W
PZB900W
PZB1000W

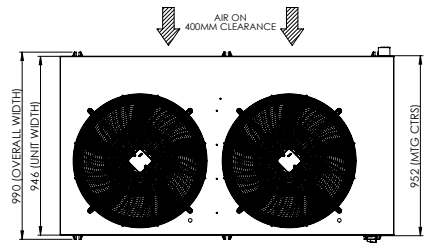
PZB1300W
PZB1500W



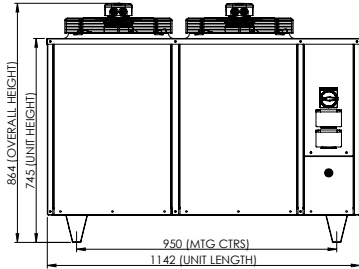
PLAN VIEW



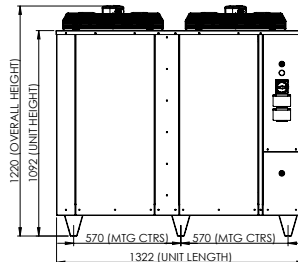
PLAN VIEW



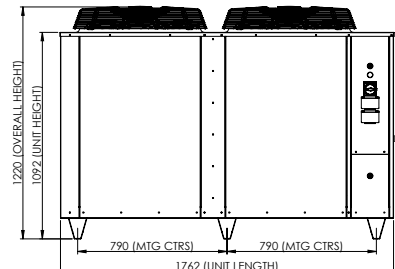
PLAN VIEW



FRONT ELEVATION



FRONT ELEVATION



FRONT ELEVATION

NTS (mm)

TECHNICAL DATA

MODEL	COMPRESSOR						CONDENSER			RECEIVER	CONNECTIONS WATER	Noise Level (dBA) (6)	Wgt (kg)
	Nom. hp	Model	Voltage	DISP m3/hr	RLA Amps	LRA Amps	Fan x Dia	Fan Motor (4)		Capacity (kg) (5)			
								Watts	Amps				
PZBS325W	3.25	ZB21KQE-PFJ	220-240/1/50	8.6	13.8	82.0	2 x 350	300	1.9	6.2	1-1/4" BSP	57	115
PZBS350W	3.5	ZB26KQE-PFJ	220-240/1/50	9.9	16.0	97.0	2 x 350	300	1.9	6.2	1-1/4" BSP	57	117
PZBS400W	4.0	ZB29KQE-PFJ	220-240/1/50	11.4	17.9	114.0	2 x 350	300	1.9	8.8	1-1/4" BSP	57	120
PZB400W	4.0	ZB29KQE-TFD	380-420/3/50	11.4	7.1	50.0	2 x 350	300	1.9	8.8	1-1/4" BSP	58	120
PZB500W	5.0	ZB38KQE-TFD	380-420/3/50	14.4	9.0	65.0	2 x 350	300	1.9	8.8	1-1/4" BSP	58	130
PZB600W	6.0	ZB45KQE-TFD	380-420/3/50	17.1	9.1	74.0	2 x 350	300	1.9	8.8	1-1/4" BSP	58	134
PZB650W	6.5	ZB48KQE-TFD	380-420/3/50	18.8	13.6	101.0	2 x 500	1300	5.8	8.8	1-1/4" BSP	60	145
PZB800W	8.0	ZB58KQE-TFD	380-420/3/50	22.1	16.4	95.0	2 x 500	1300	5.8	10.4	1-1/4" BSP	60	192
PZB900W	9.0	ZB66KQE-TFD	380-420/3/50	25.7	17.5	111.0	2 x 500	1300	5.8	10.4	1-1/4" BSP	61	218
PZB1000W	10.0	ZB76KQE-TFD	380-420/3/50	28.8	20.0	118.0	2 x 500	1300	5.8	10.4	1-1/4" BSP	62	222
PZB1300W	13.0	ZB95KQE-TFD	380-420/3/50	36.4	26.4	140.0	2 x 630	1240	5.4	10.4	1-1/4" BSP	65	235
PZB1500W	15.0	ZB114KQE-TFD	380-420/3/50	43.3	28.6	174.0	2 x 630	1240	5.4	20.0	1-1/2" BSP	65	246

NOTE:

- Available for R513A, R404A and R134a on request. For all applications outside the listing please contact your local Patton branch.
- Operating below +6°C LWT will void the unit warranty.
- Nom. TX selection is only applicable to the specified operating conditions listed.
- 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 25/02/2021