

# Packaged Glycol 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.

## PZBG SCROLL GLYCOL 30% CHILLER 325 - 1500



3.25 15 hp

COPELAND™

### CAPACITY (kW) @ 32°C Ambient

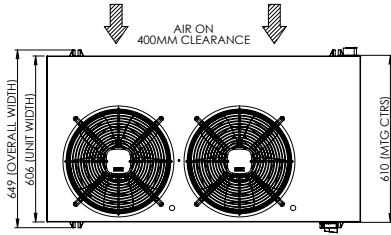
Model	Nom hp.	Refrigerant (1)	Nom. kW (EGT -2°C / LGT -5°C)	Nom. BHPE Model	Flow Rate (l/sec)	GPD BPHE (kPa)	Nom. TX Selection (2)	
							Danfoss	Emerson
PZBS325G	3.25	R449A	5.0	M25-14	0.36	20.0	T2-3	TISE-2BW
PZBS350G	3.5	R449A	5.8	M25-20	0.45	16.4	T2-4	TISE-3BW
PZBS400G	4.0	R449A	6.6	M25-24	0.56	17.9	T2-4	TISE-3BW
PZB400G	4.0	R449A	6.6	M25-24	0.56	17.9	T2-4	TISE-3BW
PZB500G	5.0	R449A	8.6	M25-30	0.67	16.7	T2-5	TISE-4BW
PZB600G	6.0	R449A	10.1	M25-40	0.84	15.7	T2-6	TISE-5BW
PZB650G	6.5	R449A	11.6	M25-40	0.97	19.6	TE5-1	TCLE-B4-BW
PZB800G	8.0	R449A	13.0	M25-50	1.13	18.3	TE5-2	TCLE-B4-BW
PZB900G	9.0	R449A	15.2	M25-60	1.31	17.8	TE5-2	TCLE-B5-BW
PZB1000G	10.0	R449A	17.9	M57-30	1.53	20.7	TE5-3	TCLE-B5-BW
PZB1300G	13.0	R449A	21.9	M57-40	1.89	18.8	TE5-4	TCLE-B6-BW
PZB1500G	15.0	R449A	26.1	M57-50	2.20	17.3	TE5-4	TCLE-B6-BW

**DIMENSIONS**

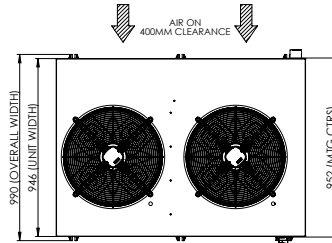
PZBS325G  
PZBS350G  
PZBS400G  
PZB400G  
PZB500G  
PZB600G

PZB650G  
PZB800G  
PZB900G  
PZB1000G

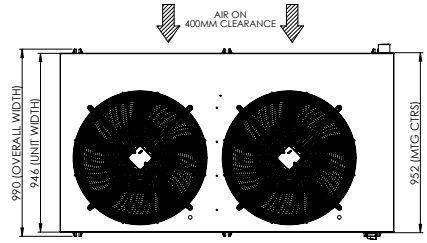
PZB1300G  
PZB1500G



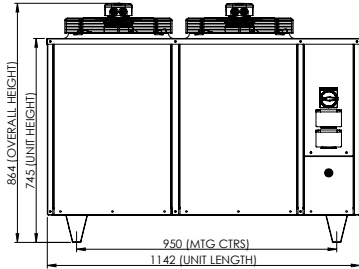
PLAN VIEW



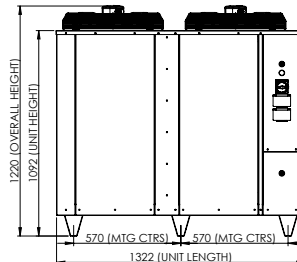
PLAN VIEW



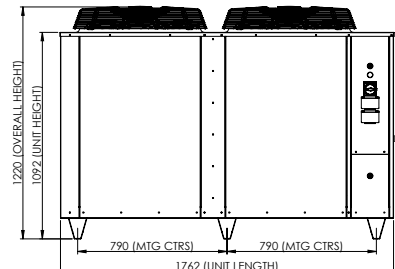
PLAN VIEW



FRONT ELEVATION



FRONT ELEVATION



FRONT ELEVATION

NTS (mm)

**TECHNICAL DATA**

MODEL	COMPRESSOR						CONDENSER			RECEIVER	CONNECTIONS WATER	Noise Level (dBA) (5)	Wgt (kg)
	Nom. hp	Model	Voltage	DISP m3/hr	RLA Amps	LRA Amps	Fan x Dia	Fan Motor (3)		Capacity (kg) (4)			
								Watts	Amps				
PZBS325G	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
PZBS350G	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
PZBS400G	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
PZB400G	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
PZB500G	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
PZB600G	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
PZB650G	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
PZB800G	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
PZB900G	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
PZB1000G	10.0	ZB76KQE-TFD	380-420/3/50	28.8	20.0	118.0	2 x 500	1300	5.8	10.4	1-1/2" BSP	62	222
PZB1300G	13.0	ZB95KQE-TFD	380-420/3/50	36.4	26.4	140.0	2 x 630	1240	5.4	10.4	1-1/2" BSP	65	235
PZB1500G	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.
- 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