

Blueride R32 PTAC Spec Sheet							
Compressor/heater coil			7K HP+3.5KW	9K HP+3.5KW	12K HP+3.5KW	15K HP+5KW	
Code			453098598	453098599	453098600	453098601	
Factory model			BP07B	BP09B	BP12B	BP15B	
Power supply			V-Ph-Hz	208_230V_1Ph,FREQUENCY_60HZ	208_230V_1Ph,FREQUENCY_60HZ	208_230V_1Ph,FREQUENCY_60HZ	208_230V_1Ph,FREQUENCY_60HZ
Cooling(Standard conditions)	Capacity	Btu/h	7200	9300	12000/	14700	
	Input	W	550	820	1040	1390	
	Current	A	3.0/3.3	4.2/4.6	5.3/5.8	6.5/7.4	
	EER (95F outdoor temp)	Btu/h/W	13.1	11.4	10.5	10.6	
	Capacity	Btu/h	10900	10900	10900	15000	
Heating(PTC)	Input(Heater)	W	3500	3500	3500	5000	
	Current	A	15.3	15.3	15.3	22.3	
	COP	W/W	3.6	3.4	3.2	3.2	
Heating(Heat pump)(Standard conditions)	Capacity	Btu/h	6200	8100	10800	13500	
	Input	W	480	720	890	1170	
	Current	A	2.6	3.9	5	6	
	COP	W/W	3.6	3.4	3.2	3.2	
Starting current			A	45.9	45.9	65	
Connection wiring				12#x3	12#x3	10#x3	
Plug type				LCDI(6-20P)	LCDI(6-20P)	LCDI(6-30P)	
Outlet				NEMA6-20R	NEMA6-20R	NEMA6-30R	
Breaker				20 amp	20 amp	30 amp	
Control type				(Electronic Control)	(Electronic Control)	(Electronic Control)	(Electronic Control)
Operation temp	Indoor ambient temp(cooling/heating compressor)	F	63-89/32-80	63-89/32-80	63-89/32-80	63-89/32-80	
	Outdoor ambient temp(cooling/heating compressor)	F	65-109/41-75	65-109/41-75	65-109/41-75	65-109/41-75	
Dimension(W*D*H)			in	42.01x20.94x15.98	42.01x20.94x15.98	42.01x20.94x15.98	42.01x20.94x15.98
Packing (W*D*H)			in	44.49x24.61x19.29	44.49x24.61x19.29	44.49x24.61x19.29	44.49x24.61x19.29
Net/Gross weight (unit/unit and packaging)			lb	101.41/110.23	99.21/108.03	110.23/119.05	113.54/122.36
Indoor side air flow(Hi/Lo) CFM			CFM	354.71/295.29	362.94/300.00	438.24/344.12	416.47/330.00
Indoor side noise level (Hi/Lo)			dB(A)	51.0/50.5	50/49.5	52/51.5	53/52.5
Outdoor side noise level(Hi)			dB(A)	67	64	67	67
Refrigerant type	Refrigerant type	R32	R32	R32	R32	R32	
		oz	23.98632	15.16782	26.80824	31.7466	
		psi	300/580	300/580	300/580	300/580	
Compressor	Model		KSN54N11UAJB3	KSN82N13VDZB1	KSM100N11VEZ	KSM125N1UEZ	
	Type		ROTARY	ROTARY	ROTARY	ROTARY	
	Brand		GMCC	GMCC	GMCC	GMCC	
	Capacity	W	1565/1610	2970/3015 ±3% W	3590/3620	3825±3%	
	Input	W	575/580	710/718 ±3% W	850/875±3%	1300±3%	
	Rated current	A	2.75/2.45	3.45/3.15 ±3% A	4.18/3.85±3%	6.35	
	Locked rotor Amp(LRA)	A	14	(at 1 φ ~240V~60Hz) ±10% 20 A	28.5±10%	(at 1 φ ~240V~60Hz)34.5 ±10% A	
	Thermal protector		USP-233-05	/	UP-A2H/HPA-325H	HPA-430KH	
	Thermal protector position		INTERNAL	INTERNAL	INTERNAL	INTERNAL	
	Capacitor	uF	15	20	35	60	
	Refrigerant oil/oil charge	ml	VG68 190±10	ESTER OIL VG68 270±10 ml	VG68 300±15	VG68 300±15 ml	
	Model		ZKFP-25-8-157L	ZKFP-25-8-157L	ZKFP-25-8-157L	ZKFP-25-8-157L	
	Speed(hi/mi/lo)	r/min	930/800 1040/940	930/800 1110/1020	1110/930 1110/1020	1100/930; 1100/1020	
Indoor side fan motor(DC)	Insulation class		B	B	B	B	
	Waterproofing class		IP20	IP20	IP20	IP20	
	Model		YKT-58-4-3L	YKT-37-4-203L	YKT-58-4-3L	YKT-58-4-3L	
	Input	W	87	71	87	87	
	Capacitor	uF	3	3	3	3	
Outdoor side fan motor	Speed(hi/mi/lo)	r/min	1580	1365	1580	1580	
	Capacitor class		S3	S3	S3	S3	
	Insulation class		B	B	B	B	
	a.Number of rows		2	2	2	3	
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	
Evaporator	c.Fin spacing	mm	1.2	1.2	1.2	1.3	
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	
	f.Coil length x height x width	mm	700x252x26.74	700x252x26.74	700x252x26.74	700x252x40.11	
	g.Number of circuits		2	2	2	4	
	a.Number of rows		3	2	3	3	
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	19.5x11.6	21x13.37	21x13.37	
Condenser	c.Fin spacing	mm	1.2	1.2	1.2	1.2	
	d.Fin type (code)		Hydrophilic aluminum	Unhydrophilic aluminium	Hydrophilic aluminum	Hydrophilic aluminum	
	e.Tube outside dia.and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	
	f.Coil length x height x width	mm	635x357x40.11	637x351x23.2	635x357x40.11	635x357x40.11	
	g.Number of circuits		3	2	3	3	