



DXP SERIES

PTAC SYSTEM
HEAT PUMP SERIES



Front Desk Port



24V Thermostat
Compatible



Anti-Corrosion



Random
Compressor
Restart



Anti-Freezing
Protection



PTAC Series Technical Specifications

Product Model			DXP-09HP2632-M	DXP-12HP2632-M	DXP-15HP2632-M
Power Supply	Voltage Type	V/Ph/Hz	208-230 / 1 / 60	208-230 / 1 / 60	208-230 / 1 / 60
Cooling	Capacity	Btu/hr	9300/9200	12000/11800	14700/14500
	Power Input	W	820/810	1040/1020	1390/1370
	Rated Current	A	4.2/4.6	5.3/5.8	6.5/7.4
	EER	Btu/hr/W	11.4	10.5	10.6
Heating (Heat Pump)	Capacity	Btu/hr	8100/7900	10800/10500	13500/13200
	Input	W	720/690	890/850	1170/1120
	Current	A	3.9/4.3	5.0/5.3	6.0/6.4
	COP	W/W	3.40	3.2	3.20
Electric Heating (PTC)	Capacity	Btu/hr	10900/8900	10900/8900	10900/8900
	Input	W	3500/2897	3500/2897	3500/2897
	Current	A	15.3/13.7	15.3/13.7	15.3/13.7
	COP	W/W	3.40	3.20	3.20
Rated Power Input		W	3645	3610	3610
Rated Current		A	15.3	15.3	15.3
Min. Circuit Ampacity		A	20	/	/
Starting Current		A	45.9	45.9	45.9
Compressor	Model		KSN82N13VDZB1	KSM100N11VEZ	KSM125N1UEZ
	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC
	Rated Current	A	3.45/3.15 ±3% A	4.18/3.85±3%	6.35
	LRA (Locked Rotor Amp)	A	at 1φ-240V-60Hz ±10% 20 A	28.5±10%	at 1φ-240V-60Hz 34.5 ±10% A
	Capacitor	µF	20	35	40
Fan motor	Model		ZKFP-25-8-157L	ZKFP-25-8-157L	ZKFP-25-8-157L
	Speed (Hi/Mi/Lo)	r/min	930/800 / 1110/1020	1110/930 / 1110/1020	1100/930 / 1100/1020
Outdoor Fan motor	Model		YKT-37-4-203L	YKT-58-4-3L	YKT-58-4-3L
	Input	W	71	87	87
	Speed (Hi/Mi/Lo)	r/min	1365	1580	1580
	Capacitor	µF	3	3	3
Evaporator	Number Of Rows		2	2	3
	Tube Outside Dia	mm	Φ7	Φ7	Φ7
	Tube Outside Type		Inner Groove Tube	Inner Groove Tube	Inner Groove Tube
	Fin Spacing	mm	1.2	1.2	1.3
	Fin Type (Code)		Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum
	Coil Length x Height x Width	mm	700x252x26.74	700x252x26.74	700x252x40.11
Condenser	Number Of Rows		2	3	3
	Tube Outside Dia	mm	Φ7	Φ7	Φ7
	Tube Outside Type		Inner Groove Tube	Inner Groove Tube	Inner Groove Tube
	Fin Spacing	mm	1.2	1.2	1.2
	Fin Type (Code)		Unhydrophilic Aluminium	Hydrophilic Aluminum	Hydrophilic Aluminum
	Coil Length x Height x Width	mm	637x351x23.2	635x357x40.11	635x357x40.11
Indoor Side Air Flow (Hi/ Mi/Lo)	Indoor Side Air Flow (Hi)	m3/h	617	745	708
		CFM(ft3/min)	362.94	438.24	416.47
	Indoor Side Air Flow (Lo)	m3/h	510	585	561
		CFM(ft3/min)	300.00	344.12	330.00
Indoor Sound Pressure Level (Hi/Lo)		dB(A)	50 / 49.5	52 / 51.5	53 / 52.5
Outdoor Sound Pressure Level (Hi/Mi/Lo)		dB(A)	64 / 64 / 64	67 / 67 / 67	67 / 67 / 67
Dimension (W x D x H)		mm	1067 x 532 x 406	1067 x 532 x 406	1067 x 532 x 406
		inch	42.01 x 20.94 x 15.98	42.01 x 20.94 x 15.98	42.01 x 20.94 x 15.98
Packing (W x D x H)		mm	1130 x 625 x 490	1130 x 625 x 490	1130 x 625 x 490
		inch	44.49 x 24.61 x 19.29	44.49 x 24.61 x 19.29	44.49 x 24.61 x 19.29
Net/Gross weight	Net Weight	kg / lb	45 / 99.21	50 / 110.23	51.5 / 113.54
	Gross Weight	kg / lb	49 / 108.03	54 / 119.05	55.5 / 122.36
Refrigerant	Refrigerant Type		R32	R32	R32
	Refrigerant Charge		0.43	0.76	0.9
	Refrigerant Charge Unit		kg	kg	kg
Plug Type	Plug Type		LCDI(6-20P)	LCDI(6-20P)	LCDI(6-20P)
	Power Cord Type		12#x3	12#x3	12#x3
Control Type	Control Type		Electronic Control	Electronic Control	Electronic Control
Operation Temperature	Indoor (Cooling)	°C / °F	17-32 / 63-90	17-32 / 63-90	17-32 / 63-90
	Outdoor (Cooling)	°C / °F	18-43 / 64-109	18-43 / 64-109	18-43 / 64-109
	Indoor (Heating)	°C / °F	0-27 / 32-81	0-27 / 32-81	0-27 / 32-81
	Outdoor (Heating)	°C / °F	-5-24 / 23-75	-5-24 / 23-75	-5-24 / 23-75
Application Area	Applicable Area Min	m2 / ft2	12 / 129.17	16 / 172.22	20 / 215.28
	Applicable Area Max	m2 / ft2	18 / 193.75	23 / 247.57	29 / 312.15