FRIEDRICH

ZoneAire® Select Series PTACS

Cooling with Electric Heat, Heat Pumps

PURCHASER	P.O. #	DATE
PROJECT	LOCATION	
ENGINEER	ARCHITECT	
SUBMITTED BY	FOR APPROVAL	FOR REFERENCE

ITEM	PLAN DESIGNATION	QUANTITY	COOLING Btu	VOLTAGE	FRIEDRICH MODEL

Accessories

PDXWSA	Wall Sleeve	Qty	
PDXWSEZ	Wall Sleeve	Qty	
PDXWSEXT18	Deep Wall Sleeve- For walls up to 17 1/2" deep	Qty	
PDXWSEXT20	Deep Wall Sleeve- For walls up to 19 1/2" deep	Qty	
PDXWSEXT24	Deep Wall Sleeve- For walls up to 23 1/2" deep	Qty	
PDXWSEXT	Custom Deep Wall Sleeve, For walls from 13 1/4" to 25 1/2" deep	Qty	
PXGA	Standard Outdoor Louver	Qty	
PXAA	Architectural Louver, clear	Qty	
PXBG	Architectural Louver, beige	Qty	
PXSC	Architectural Louver, color matched	Qty	
PDXRTB	Remote Thermostat Escutcheon Kit	Qty	
PXDR10	Condensate Drain Kit (pkg/10)	Qty	
PXSBA	Sub Base	Qty	
PXCJA	Conduit Kit w/ Junction Box	Qty	
PDXDAA	Lateral Duct Adapter	Qty	
PDXDEA	Lateral Duct Extension	Qty	
PXFTA	Replacement Filters (Set of 10)	Qty	
APWM1	FreshAire® Purification iWaves Series M	Qty	
PXSB23020	Electrical Subbase - 230V 15A and 20A	Qty	

PXSB23030	Electrical Subbase - 230V 30A	Qty	
PXSB26515	Electrical Subase - 265V 15A	Qty	
PXSB26520	Electrical Subbase - 265V 20A	Qty	
PXSB26530	Electrical Subbase - 265V 30A	Qty	
RT7	Wired Digital Thermostat	Qty	
RT7P	Wired Programmable Digital Thermostat	Qty	
EMRTA4	Wired Thermostat with Occupancy Sensor (white)	Qty	
EMRTB4	Wired Thermostat with Occupancy Sensor (black	Qty	
EMWRTA4	Wireless Thermostat with Occupancy Sensor (white)	Qty	
EMWRTB4	Wireless Thermostat with Occupancy Sensor (black)	Qty	
WRT2	Wireless Digital Thermostat	Qty	
EMOCT4	Online Connection Kit	Qty	
EMRAF4	Remote Access Fee	Qty	
EMRHCF	Energy Management Remote Humidity Control Fee	Qty	

ZoneAire® Select PTAC

RECEPTACLE AND BREAKER SIZES

Receptacles Types and Breaker Sizes				
Voltage	230V			265V
Amps	15	20	30	20
Heater Size	2.5 kW	3.5 kW	5.0 kW	3.5 kW
Receptacles				
NEMA# Receptacle	6-15R	6-20R	6-30R	7-20R
NEMA# Plug	6-15P	6-20P	6-30P	7-20P

Electrical Requirements	
Wire Size	Use ONLY wire size recommended for single outlet branch circuit.
Fuse/Circuit Breaker	Use ONLY type and size fuse or HACR circuit breaker indicated on unit's rating guide. Proper over current protection to the units is the responsibility of the owner.
Grounding	Unit MUST be grounded from branch circuit to unit, or through separate ground wire provided on permanently connected units. Ensure that branch circuit or general purpose outlet is grounded.
Wire Sizing	Use recommended wire size given in tables and install a single branch circuit. All wiring must comply with local and national codes. NOTE: Use copper conductors only.

SPECIFICATIONS

ELECTRIC HEAT MODELS, R-32 REFRIGERANT

Models ending in 'K' are 230/208V, models ending in 'R' are 265V

Model	PZE07K3SC	PZE09K3SC	PZE09R3SC	PZE12K3SC	PZE12R3SC	PZE15K5SC
PERFORMANCE DATA						
Cooling Btu/h	7,000/6,800	9,300/9,100	9,000	12,000/11,800	12,300	14,500/14,300
Cooling Watts	585/565	800/785	780	1,110/1,090	1,150	1,450/1,430
Energy Efficient Ratio, EER	12.0/12.0	11.6/11.6	11.5	10.8/10.8	10.7	10.0/10.0
Heater Size (kW)	3.5	3.5	3.5	3.5	3.5	5.0
Moisture Removal (pints/h)	0.69	1.37/1.69	1.1	2.32/2.56	2.81	4.29/4.44
Sensible Heat Ratio	89%	86%	84%	77%	75.7%	68.1%
ELECTRICAL DATA						
Voltage (1 Phase, 60 Hz)	230/208	230/208	265	230/208	265	230/208
Volt Range	253-187	250-187	292-239	253-287	292-239	253-187
Current (Amps)	2.6/2.7	3.48/3.77	4.2	4.82/5.24	5.92	6.3/6.87
Electric Heater (Amps)	15.9	15.9	13.7	15.9	13.7	21.9
Power Factor	0.93/0.95	0.97/0.98	0.98	0.99/0.98	0.98	0.99/0.98
Compressor LRA	13.4	17.5	16.0	23.9	21.0	34.7
Compressor RLA	2.4	3.43	2.45	4.51	4.3	6.4
Outdoor Fan Motor (HP)	0.07	0.07	0.07	0.07	0.07	0.07
AIRFLOW DATA						
Indoor CFM, HIGH	350	390	390	450	450	450
Indoor CFM, LOW	330	330	330	340	340	340
Vent CFM	75	75	75	75	75	75
PHYSICAL DATA						
Sleeve Dimensions (H x W x D)	16" x 42" x 13 3/4"					
Dimensions with Front (H x W x D)	16" x 42" x 21 1/2"					
Cut Out Dimensions (H x W x D)	16 1/4" x 42 1/4"					
Net Weight (lbs.)	90	94	94	106	94	107
Shipping Weight (lbs.)	103	105	105	117	105	118
R-32 Charge (oz.)	17.6	18.7	19.0	21.5	22.2	27.5
Dimensions with Packaging (inches)	19 3/4" x 43 1/2" x 23"					

ZoneAire® Select PTAC

SPECIFICATIONS

HEAT PUMP MODELS, R-32 REFRIGERANT

Models ending in 'K' are 230/208V, models ending in 'R' are 265V

Model	PZH07K3SC	PZH07K2SC	PZH09K3SC	PZH09R3SC	PZH12K3SC	PZH12K5SC	PZH12R3SC	PZH15K3SC	PZH15K5SC
PERFORMANCE DATA									
Cooling Btu/h	7,200/6,800	7,200/6,800	9,200/9,000	9,000	12,000/11,800	12,000/11,800	12,300	14,500/14,300	14,500/14,300
Cooling Watts	590/570	605/570	805/790	780	1,130/1,110	1,130/1,110	1,150	1,450/1,430	1,450/1,430
Energy Efficient Ratio, EER	11.9/11.9	11.9/11.9	11.4/11.4	11.5	10.6/10.6	10.6/10.6	10.7	10.0/10.0	10.0/10.0
Heater Size (kW)	3.5	2.5	3.5	3.5	3.5	5.0	3.5	3.5	5.0
Heat Pump Btu/h	6,000/5,800	6,000/5,800	8,000/7,800	8,200	10,400/10,200	10,400/10,200	10,800	13,600/13,200	13,600/13,200
Heating Watts	500/485	500/485	690/670	685	895/880	895/880	1,005	1,245/1,210	1,245/1,210
COP	3.5/3.5	3.5/3.5	3.4/3.4	3.5	3.4/3.4	3.4/3.4	3.2	3.2/3.2	3.2/3.2
Moisture Removal (pints/h)	0.69	TBD	1.37/1.69	1.1	2.32/2.56	2.32/2.56	2.81	4.29/4.44	4.29/4.44
Sensible Heat Ratio	0.89	0.98	0.85	0.86	0.78	0.78	0.753	0.68	0.68
ELECTRICAL DATA									
Voltage (1 PHASE, 60 Hz)	230/208	230/208	230/208	265	230/208	230/208	265	230/208	230/208
Volt Range	253-187	253-187	253-187	292-239	253-187	253-187	292-239	253-187	253-187
Current (Amps)	2.6/2.8	2.63/2.74	3.6/3.9	3.1	5.0/5.4	4.9/5.3	5.1	6.3/6.9	6.4/7.0
Electric Heater (Amps)	15.9	15.9	15.9	13.7	15.9	15.9	13.7	21.9	21.9
Heat Pump Amps	2.3/2.4	2.1/2.3	3.1/3.3	3.1	4.0/4.4	3.9/4.2	4.5	5.4/5.8	5.5/6.0
Power Factor	0.93/0.95	0.93/0.95	0.97/0.98	0.98	0.99/0.98	0.99	0.98	0.99/0.98	0.99/0.98
Compressor LRA	13.4	13.4	17.5	16.0	23.9	23.9	21.0	34.7	34.7
Compressor RLA	2.4	2.4	3.43	2.45	4.51	4.51	4.3	6.4	6.4
Outdoor Fan Motor, HP	0.07	0.07	0.07	0.06	0.07	0.07	0.08	0.07	0.07
AIRFLOW DATA									
Indoor CFM, HIGH	350	424	390	390	450	412	450	471	450
Indoor CFM, LOW	330	365	330	330	340	365	340	412	340
Vent CFM	75	75	75	75	75	75	75	75	75
PHYSICAL DATA									
Sleeve Dimensions (H x W x D)	16" x 42" x 13 3/4" (all models)								
Dimensions with Front (H x W x D)	16" x 42" x 21 1/2" (all models)								
Cut Out Dimensions (H x W x D)	16 1/4" x 42 1/4" (all models)								
Net Weight (lbs.)	92.6	92.6	95	94	107	107	94	108	108
Shipping Weight (lbs.)	104	104	106	105	118	118	105	119	119
R-32 Charge (oz.)	17.6	17.6	18.7	19.0	21.5	21.5	22.2	27.5	27.5
Dimensions with Packaging (inches)	19 3/4" x 43 1/2" x 23" (all models)								

2 YR. PARTS & LABOR WARRANTY

5 YR. LIMITED WARRANTY

FRIEDRICH

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Intertek

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