

## PASRW SERIES™

HEAT AND CHILL PUMPS



### FEATURED HIGHLIGHTS

- Economic and High-Efficient.
- Intelligent Defrosting.
- Environmentally-Friendly.
- Long Operating life.

Pentair Swimming Pool Heat Pumps adapt the most advanced heat pump technology for heating and keeping constant temperature for pools. The application of patented titanium double coil heat exchanger which is corrosion resisting, can not only improve the heating efficiency, but also extend the working life of the units. Meanwhile, the units can operate stable at temperatures as low as - 10 C. Pentair Swimming Pool Heat Pumps are suitable for residential pools and commercial pools.

### ORDERING INFORMATION

#### PASRW T3-50HZ

Unit	Model	PASRW030-U-T3	PASRW050-U-T3	PASRW060S-U-T3	PASRW080S-U-T3	PASRW100S-U-T3	PASRW130S-U-T3
Heating Capacity	kW	13	21	25	35	45	55
Cooling Capacity	Btu/h	30000	49500	59500	85300	102000	130000
Cooling Power Input	kW	2.85	5.1	5.8	8.4	9.5	10.3
Cooling Capacity	kW	8.8	14.5	17	25	30	38
Heating Capacity	Btu/h	44000	72000	86000	119400	150000	187000
Heating Power Input	kW	2.85	4.3	5	7.6	9	10.8
Running Current C/H	AMP	14.3/13.6	8.2/7.3	10.3/8.9	15.0/13.6	16.4/15.7	16.8/17.5
Power Supply		240/50Hz	415V/3N~/50Hz	415V/3N~/50Hz	415V/3N~/50Hz	415V/3N~/50Hz	415V/3N~/50Hz
Compressor Quantity	Nos	1	1	1	2	2	2
Compressor Type		Rotary	Scroll	Scroll	Scroll	Scroll	Scroll
Heat Exchanger		Twisted stainless titanium heat exchanger					
Fan Quantity		1	1	2	2	2	2
Fan Power Input	W	200	200	120x2	260x2	200x2	200x2
Fan Rotate Speed	RPM	830	830	850	920	830	830
Fan Direction		Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Noise	dB (A)	50	58	56	61	61	61
Water Connection	mm	50	50	50	63	63	63
Water Flow Volume	m <sup>3</sup> /h	3	5	6	8	10	13
Water Pressure Drop	kPa	10	12	12	15	10	13
Ambient Temperature	Dig C	2-53					
COP		4.91	4.88	5.00	4.61	5.00	5.09
EER		3.09	2.84	2.93	2.98	3.16	3.69
Refrigerant Type		R407C	R407C	R407C	R407C	R407C	R407C
Certification		None but manufactured to CE conformity					
Net Dimensions (L/W/H)	mm	743*700*830	743*700*830	1440*562*860	1490*735*1130	1448*750*1280	1448*750*1280
Shipping Dimensions (L/W/H)	mm	765*735*860	765*735*860	1470*620*990	1510*790*1305	1540*770*1395	1540*770*1395
Net Weight/Shipping Weight	kg	82/194	110/123	128/152	226/249	240/284	247/282



PENTAIR

# PASRW SERIES™

HEAT AND CHILL PUMPS

AUTOMATION

FILTERS

VALVES

PUMPS

HEATERS &  
HEAT PUMPS

LIGHTING

CLEANERS

WATER  
FEATURES

CHEMICAL  
CONTROLLERS  
& SANITIZERS

WHITE  
GOODS

MAINTENANCE  
& SAFETY

LIFTS & DECK  
EQUIPMENT

OTHER

PASRW T3-60HZ						
Unit	Model	PASRW060-U-60	PASRW130-U-60	PASRW200S-U-60	PASRW250S-V-60	PASRW500S-V-60
Heating Capacity	kW	25	55	81	108	207
Cooling Capacity	Btu/h	89500	130000	194500	245000	505000
Cooling Power Input	kW	5.8	10.3	18.5	21.6	52
Cooling Capacity	kW	17	38	57	72	148
Heating Capacity	Btu/h	86000	187000	276000	360000	706000
Heating Power Input	kW	5	10.8	19	22.4	45
Running Current C/H	AMP	10.3/8.9	17.8/19.0	25.5/23.0	37.9/38.3	93/85
Power Supply		380~415V/3N~760HZ				
Compressor Quantity	Nos	1	2	3	2	4
Compressor Type		Scroll	Scroll	Scroll	Scroll	Scroll
Heat Exchanger						
Fan Quantity		2	2	3	2	2
Fan Power Input	W	120x2	200x2	200x3	200x2	1500x2
Fan Rotate Speed	RPM	850	830	830	830	870
Fan Direction		Vertical	Vertical	Vertical	Vertical	Vertical
Noise	dB (A)	56	64	65	66	67
Water Connection	mm	50	63	63	110	110
Water Flow Volume	m3/h	6	13	20	25	50
Water Pressure Drop	kPa	12	13	20	25	24
Ambient Temperature	Dig C	2.55				
COP		5.00	5.09	4.26	4.82	4.60
EEER		2.93	3.69	3.08	3.33	2.85
Refrigerant type		R407C	R407C	R407C	R407C	R407C
Certification		NONE	SASO CERTIFICATE		SASO CERTIFICATE	
NET Dimensions (L/ W/ H)	mm	1440*562*840	1448*750*1280	2150*760*1310	2175*1070*2030	2180*1080*2060
Shipping Dimensions (L/ W/ H)	mm	1470*620*990	1540*770*1395*	2240*830*1450	2240*1180*2000	2240*1220*2120
Net Weight/Shipping Weight	kg	128/152	247/282	360/418	695/755	960/1005