

Delta Pool



Operating Temps
-7°C ~43°C

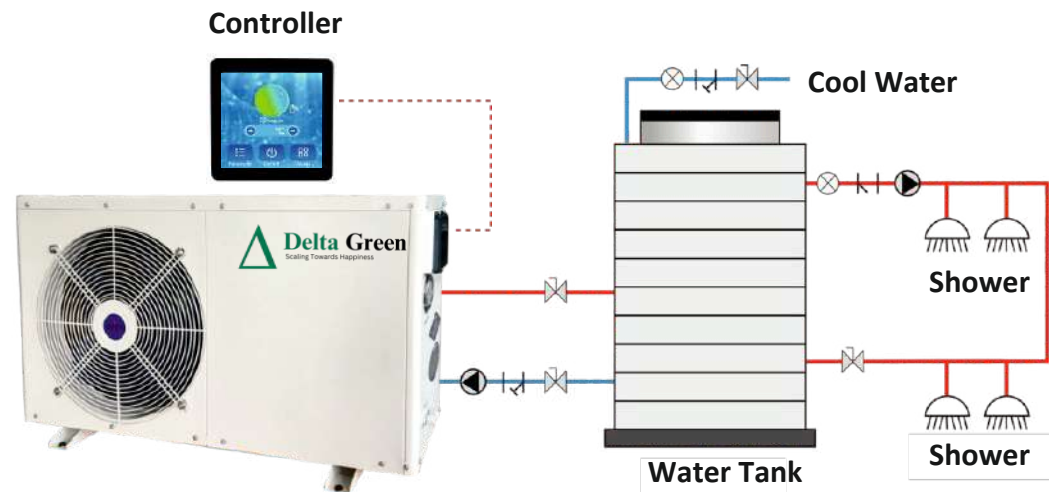


Max outlet water 60°C

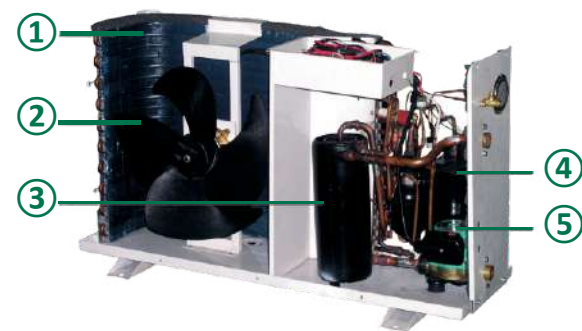
Delta Pool

- Four-way valve for automatic defrosting
- High efficient tube in shell heat exchanger
- Panasonic rotary compressor guarantees unit running stably
- Built-in water pump, directly connected to the water tank, easy to install
- Easy and clear LCD control panel
- Support heating and cooling functions

INSTALLATION DIAGRAM



INSIDE APPEARANCE



- ① evaporator
- ② fan blade
- ③ water-refrigerant heat exchanger
- ④ compressor
- ⑤ circulation pump

Model	DSP10	DSP20	DSP30	DSP50	DPS100	DSP150	DSP200	DSP250	DSP300	
Advised pool volume (m3)	15~30	25~50	30~60	40~85	80~170	120~250	150~300	210~400	260~500	
Operating air temperature (°C)	-7 ~4.3									
Performance Condition: Air 27°C, Water 26°C, Humidity 80%										
Heating capacity (kW)	7.50~1.92	11.00~2.50	14.00~3.15	26	52	75	100	121	145	
Heating Capacity(Btu)	25500~6528	37400~8500	47600~10710	88400	175100	255000	340000	411400	493000	
Consumed power (kW)	1.15~0.13	1.83~0.17	2.15~0.21	4.2	8.4	12.1	16.8	20.2	23.8	
COP	6.5~14.8	6.0~14.7	6.5~15.0	6.2	6.1	6.2	6.0	6.0	6.1	
Performance Condition: Air 15°C, Water 26°C, Humidity 70%										
Heating capacity (kW)	5.80~1.42	8.5~1.65	10.7~2.40	18.3	39.8	53.5	77.5	90.3	105.8	
Heating Capacity(Btu)	19720~4828	28900~5610	36380~8160	62220	135320	181900	263500	307020	359720	
Consumed power (kW)	1.15~0.20	1.77~0.23	2.12~0.34	3.9	8.4	11.3	16.7	19.2	22.8	
COP	5.0~7.1	4.8~7.2	5.0~7.1	4.7	4.7	4.7	4.6	4.7	4.6	
Performance Condition: Air 35°C, Water 28°C, Humidity 80%										
Cooling capacity (kW)	4	6	7.2	16.5	33.4	48.5	65.1	78.5	94.6	
Sound pressure at 1m dB(A)	38~48	40~50	42~51	56	58	60	62	64	66	
Sound pressure at 10m dB(A)	18~25	19~26	22~27	44	46	48	50	52	54	
Heat exchanger	Spiral titanium tube in PVC									
Casing	Metal Casing									
Power supply	230V/1 Ph/50Hz				380-400V/3 Ph/50Hz					
Water Connection (mm)	Φ50				G1-1/2"	G2"	G2"	DN90	DN90	DN90
Rated input current at air 15°C (A)	5.1~0.9	7.8~1.0	9.3~1.5	6.05	13.02	17.52	25.89	29.77	35.35	
Advised water flux (m³/h)	2~4	3~5	4~6	11.2	22.1	32.3	43.0	52.0	62.4	
Water Pressure Drop (max) kPa	2	4	5	50	50	50	45	45	50	
Net weight/Gross weight (kg)	62/70	64/72	77/87	135/145	200/220	248/268	352/372	450/480	465/500	
Package size (mm)	1000 X 396 X 640			800 x 865 x 1325	1600 x 850 x 1275	1630 x 890 x 1300	1805 x 1105 x 1430	2105x1150x1600		
Refrigerant	R32				R410A					
Compressor	Panasonic				Gree		Copeland			
Four-way valve	Sanhua									
Expansion valve	Sanhua									
Operating water temperature (°C)heating	9 ~40				9 ~43					
Operating water temperature (°C) cooling	9 ~35									

Note:

The data above is for reference only.