







SWIMMING POOL HEAT PUMP

Product picture				
Model	DR-650HP	DR-900HP	DR-1100HP	DR-1400HP
Applied pool volume (gallons)	≤18000	≤28000	≤32000	≤42000
Operating air temperature (°F)	32~109			
Performance Condition: Air 80°F(27°C) / Water 80°F(27°C) / Humidity 80%				
Heating capacity (Btu)	65,000	90,000	110,000	140,000
Heating capacity (Btu) in silence mode	52,000	72,000	88,000	112,000
COP	11.2~5.61	13.6~6.0	13.5~5.8	13.1~5.8
Performance Condition: Air 80°F(27°C) / Water 80°F(27°C) / Humidity 63%				
Heating capacity (Btu)	61,500	85,000	104,000	132,000
Heating capacity (Btu) in silence mode	49,200	68,000	83,500	105,500
COP	9.9~5.35	12.3~5.7	12.2~5.6	11.0~5.7
Performance Condition: Air 50°F(10°C) / Water 80°F(27°C) / Humidity 63%				
Heating capacity (Btu)	27,000	43,000	54,000	68,000
COP	5.2~4.3	5.5~4.3	5.2~4.2	5.2~4.1
Rated input power (kW) at air 80°F	0.53~3.39	0.54~4.39	0.61~5.9	0.85~6.85
Rated input current (A) at air 80°F	2.30~14.8	2.34~19.1	2.65~25.6	3.69~29.8
Power supply	208~230V/1 Ph/60Hz			
Advised water flux (gallons/min)	28.6~37.6	33~41.8	35.2~44.2	35.2~67.2
Sound pressure at10'FT(3m) dB(A)	38.2~47.3	34.9~46.8	35.0~48.1	39.6~51.2
Heat exchanger	Titanium in PVC			
Casing	ABS casing		Metal or Insertion casing	
Air discharge	Horizontal		Vertical	
Water pipe in-out Spec (inch)	1.5"(48.3mm)PVC		2"(60.3mm)PVC	
Net Dimension LxWxH (inch)	37.8x16.5x25.9	43x16.5x37.7	37.2x35.6x38.5	40.7"x32.3"x41.5"
Net Weight (lbs)	134	187	276	315
* The values indicated are valid under ideal conditions: Pool is well covered, filtration system running at least 15 hours a day.				