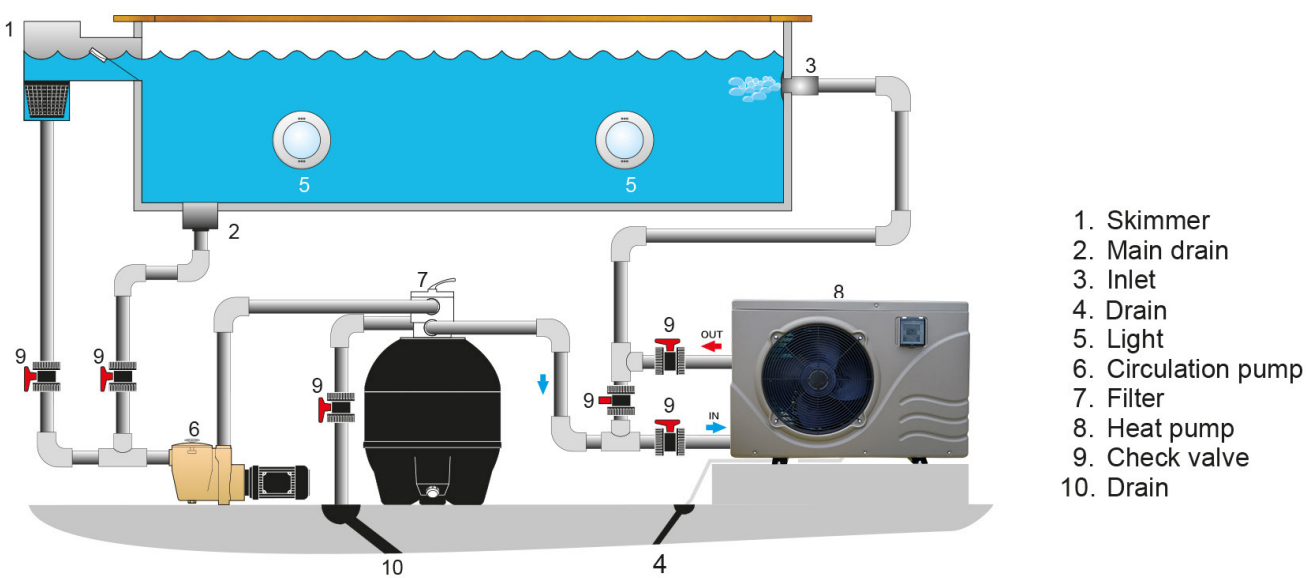


DC Inverter Swimming Pool Heat Pump



Installation diagram



Specification

Product model	Unit	LPRY-7I/Bp	LPRY-12I/Bp	LPRY-15I/Bp	LPRY-18I/Bp	LPRY-20I/Bp
Working temperaturer range	℃	15℃ ~ 40℃	15℃ ~ 40℃	15℃ ~ 40℃	15℃ ~ 40℃	15℃ ~ 40℃
Cooling temperaturer range	℃	7℃ ~ 35℃	7℃ ~ 35℃	7℃ ~ 35℃	7℃ ~ 35℃	7℃ ~ 35℃
Operating range	℃	-15℃ ~ 43℃	-15℃ ~ 43℃	-15℃ ~ 43℃	-15℃ ~ 43℃	-15℃ ~ 43℃
Heating Capacity at Air 26℃ Humidity 80% Water 26℃ in 28℃ out						
Capacity	KW	8.21 ~ 2.34	12.12 ~ 3.02	13.52 ~ 3.79	17.01 ~ 4.83	22.23 ~ 6.49
Power input	KW	1.47 ~ 0.17	1.88 ~ 0.22	2.38 ~ 0.28	3.03 ~ 0.36	4.06 ~ 0.48
Input current	A	6.69 ~ 0.77	8.55 ~ 1	10.82 ~ 1.28	13.77 ~ 1.64	18.45 ~ 2.18
COP		14.68 ~ 7.02	14.79 ~ 7.12	15.17 ~ 7.23	15.36 ~ 6.94	15.97 ~ 6.95
Heating Capacity at Air 15℃ Humidity 70% Water 26℃ in 28℃ out						
Capacity	KW	6.92 ~ 1.76	8.73 ~ 2.23	11.61 ~ 2.87	14.74 ~ 3.59	19.68 ~ 4.77
Power input	KW	1.54 ~ 0.23	1.95 ~ 0.29	2.54 ~ 0.38	3.18 ~ 0.47	4.17 ~ 0.63
Input current	A	7 ~ 1.05	8.86 ~ 1.32	11.55 ~ 1.73	14.45 ~ 2.14	18.95 ~ 2.86
COP		7.58 ~ 4.95	7.63 ~ 4.98	7.61 ~ 4.96	7.57 ~ 4.95	7.59 ~ 4.96
Heating Capacity at Air 35℃ , Water 29℃ in 27℃ out						
Capacity	KW	5.36 ~ 1.38	6.88 ~ 1.82	8.86 ~ 2.24	11.07 ~ 2.86	14.52 ~ 3.64
Power input	KW	1.51 ~ 0.21	1.88 ~ 0.27	2.47 ~ 0.34	3.11 ~ 0.44	4.04 ~ 0.55
Input current	A	6.86 ~ 0.95	8.55 ~ 1.23	11.23 ~ 1.55	14.14 ~ 2.00	18.36 ~ 2.50
COP		6.51 ~ 3.54	6.62 ~ 3.65	6.58 ~ 3.58	6.57 ~ 3.56	6.61 ~ 3.59
Power supply		220 ~ 240V/50 (60) Hz				
Max power input	KW	2.853	3.656	3.925	4.985	5.962
Rated power	KW	1.54	1.95	2.54	3.18	4.17
Rated current	A	7	8.86	11.55	14.45	18.95
Fuse or circuit breaker(A)	A	15	20	20	25	30
Water flow	m³/h	3.5	4.5	5.5	6.5	9
Refrigerant		R32				
Refrigerant volume	g	460	850	850	950	1170
Min pressure/max pressure	Mpa	0.2/4.4	0.2/4.4	0.2/4.4	0.2/4.4	0.2/4.4
Water proof level		IPX4	IPX4	IPX4	IPX4	IPX4
Pressure loss	(mCE)	1	1.1	1.1	1.1	1.1
Net Dimension (L x W x H)	mm	836*379*591	896*389*641	896*389*641	896*389*641	1056*416*744
Package Dimensions (L x W x H)	mm	930*400*716	990*435*750	990*435*750	990*435*750	1146*460*869
Net Weight	kg	43	53	54	58	86
Gross Weight	kg	53	64	65	69	97

Features

- R32 refrigerant, less GWP than R410A, environmental friendly
- Anti-UV ABS casing
- Reliable performance with multi-protections
- Titanium heat exchanger, corrosion resistant
- Integrated controller with WiFi smart control
- Heating, Cooling and Auto function included.
- GMCC compressor, twin-rotary and DC inverter technology

