

VITO

SWIMMING POOL HEAT PUMP

Super frequency conversion always serving you



R32 Refrigerant

A new generation non-toxic refrigerants with energy-saving, carbon reducing and environment-friendly. No harm to the ozone layer, slow down global warming.



Frequency Conversion

Full DC inverter pool heat pump Constant water temperature.



ABS

ABS Casing

Better corrosion resisting.



Cost saving

The highest cop is nearly 16, More heating capacity, and use cost is reduced by 60%.



Convenient IOT

Free Wi-Fi, Intelligent Control Anytime, Anywhere.

CORE COMPONENTS



1. Compressor

Mitsubishi DC frequency conversion compressor has excellent performance in different frequency bands, energy saving and stability.



2. DC fan

Fast speed adjustment, low noise, low power consumption.



3. Titanium tube heat exchanger

Super anti-corrosion, 30% increase in heat exchange, long durability.



4. Electronic expansion valve

Quick adjustment and control of flow, accurate matching system, energy saving and noise reduction.



5. Intelligent frequency conversion controller

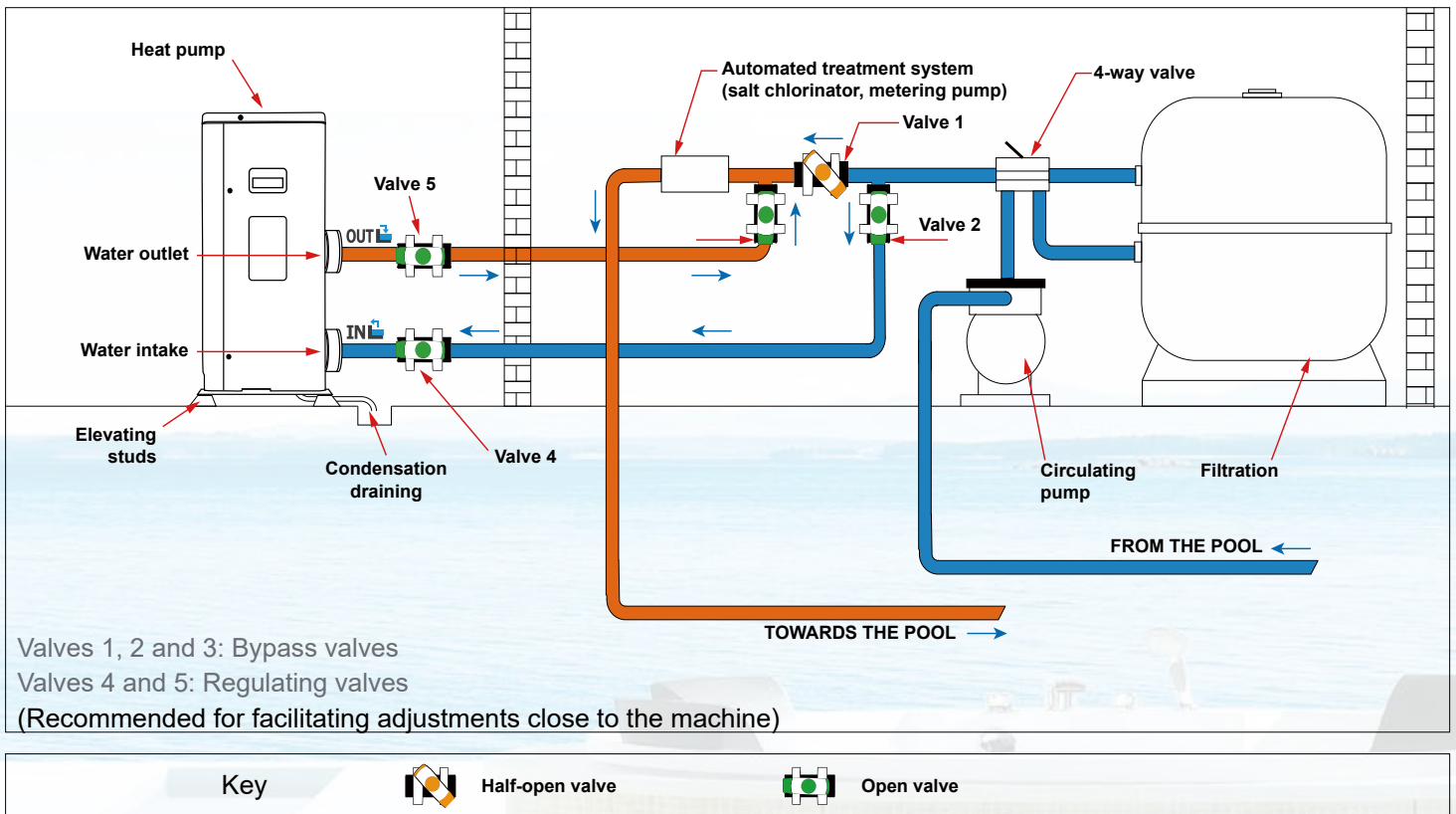
Accurate temperature sensing, intelligent balance, water temperature control error 0.1°C. Stable start and stop, stable operation.



6. Multiple protection

Antifreeze protection, water flow protection, high pressure protection, low pressure protection is insufficient, water flow protection, safe use.

WORKING PRINCIPLE DIAGRAM



R32 DC ИНВЕРТОРНИ ТЕРМОПОМПИ ЗА ОТОПЛЕНИЕ НА БАСЕЙНИ от 30 до 120 кубика

с MITSUBISHI компресор и титаниев топлобменник

TECHNICAL DATA



ЦЕНА за 1 брой с включено ДДС		1980лв.	2200 лв.	2400 лв.	2600 лв.	2980 лв.	3400 лв.			
Model No.	Mitsubishi 122	Mitsubishi 123	Mitsubishi 124	Mitsubishi 125	Mitsubishi 126	Mitsubishi 127	Mitsubishi 128	Mitsubishi 129	Mitsubishi 130	
Heating Capacity at Air 26°C, Humidity 80%, Water 26°C, 28°C out										
Heating Capacity(kw)	7.6 ~ 1.7	9.5 ~ 2.3	13.2 ~ 3.0	17.3 ~ 3.8	21.1 ~ 4.8	28.2 ~ 6.8	35.3 ~ 8.8	28.2 ~ 6.8	35.3 ~ 8.8	
Power Input(kw)	1.12 ~ 0.11	1.40 ~ 0.15	1.91 ~ 0.19	2.50 ~ 0.24	3.09 ~ 0.30	4.12 ~ 0.43	5.15 ~ 0.56	3.97 ~ 0.48	5.15 ~ 0.56	
COP	15.8 ~ 6.8	15.8 ~ 6.8	15.8 ~ 6.8	15.8 ~ 6.8	15.8 ~ 6.8	15.8 ~ 6.8	15.8 ~ 6.8	15.8 ~ 6.8	15.8 ~ 6.8	
Heating Capacity at Air 15°C, Humidity 70%, Water 26°C, 28°C out										
Heating Capacity(kw)	6.1 ~ 1.4	7.6 ~ 1.9	9.8 ~ 2.3	13.5 ~ 3.0	16.5 ~ 3.8	23.1 ~ 5.5	25.5 ~ 6.4	23.1 ~ 5.5	25.5 ~ 6.4	
Power Input(KW)	1.24 ~ 0.18	1.55 ~ 0.25	1.96 ~ 0.30	2.76 ~ 0.39	3.37 ~ 0.5	4.7 ~ 0.72	5.2 ~ 0.84	4.7 ~ 0.72	5.2 ~ 0.84	
COP	7.6 ~ 4.9	7.6 ~ 4.9	7.6 ~ 4.9	7.6 ~ 4.9	7.6 ~ 4.9	7.6 ~ 4.9	7.6 ~ 4.9	7.6 ~ 4.9	7.6 ~ 4.9	
Cooling Capacity at Air 35°C, Water 29°C, 27°C out										
Heating Capacity(kw)	4.2 ~ 1.0	5.3 ~ 1.3	7.2 ~ 1.7	9.4 ~ 2.1	11.6 ~ 2.7	14.9 ~ 3.8	19.3 ~ 4.9	14.9 ~ 3.8	19.3 ~ 4.9	
Power Input(kw)	1.11 ~ 0.15	1.4 ~ 0.19	1.89 ~ 0.25	2.47 ~ 0.31	3.05 ~ 0.4	3.92 ~ 0.57	5.08 ~ 0.73	3.92 ~ 0.57	5.08 ~ 0.73	
COP	6.7 ~ 3.8	6.7 ~ 3.8	6.7 ~ 3.8	6.7 ~ 3.8	6.7 ~ 3.8	6.7 ~ 3.8	6.7 ~ 3.8	6.7 ~ 3.8	6.7 ~ 3.8	
Подходящ за отопление на	до 30 кубика	30-40 кубика	40-50 кубика	50-60 кубика	60-70 кубика	70-80 кубика	80-90 кубика	70-80 кубика	80-90 кубика	
Compressor	Rotary (Mitsubishi)									
Heat Exchanger	Titanium									
Air Flow Direction	Horizontal									
Automatic defrosting	by 4 way valve									
Casting Material	ABS									
Water proof level	IPX4									
Power supply	220 ~ 240V/50(60)Hz						380 ~ 415V/50(60)Hz			
Max power input(kw)	1.6	1.8	2.2	2.6	3.2	4.5	4.8	6.4	6.9	
Max Current(A)	7.3	8.3	10.2	12	14.7	20.4	30	7.9	11.3	
Air flow (m3/h)	2500	2500	3300	3300	3300	5000	5000	5000	5000	
Water inlet/outlet(inch)	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	1-1/2"	
Water flow (m³/h)	2.5	3.5	4.5	5.5	6.5	9	12	9	12	
Water Pressure Drop (kPa)	16	16	17	17	17	17	18	17	18	
Refrigerant/Weight(g)	R32/380	R32/460	R32/850	R32/850	R32/950	R32/1170	R32/1300	R32/1170	R32/1300	
Min/Max Pressure(Mpa)	0.2/4.4	0.2/4.4	0.2/4.4	0.2/4.4	0.2/4.4	0.2/4.4	0.2/4.4	0.2/4.4	0.2/4.4	
Noise Level 1m dB(A)	39 ~ 49	40 ~ 52	42 ~ 53	43 ~ 55	45 ~ 56	47 ~ 58	49 ~ 59	47 ~ 58	49 ~ 59	
Noise Level 10m dB(A)	20 ~ 29	20 ~ 32	22 ~ 33	23 ~ 35	25 ~ 36	27 ~ 38	29 ~ 39	27 ~ 38	29 ~ 39	
Net Weight(kg)	42	43	53	54	58	86	98	88	98	
Gross Weight(kg)	53	54	64	65	69	99	110	99	110	
Net DIM(mm)	864*349*592		925*364*642				1084*399*737			
Package DIM(mm)	930*400*640		990*435*760				1146*460*862			
Heating temp range 15°C ~ 40°C/Cooling temp range 7°C ~ 35°C/Operating range -15°C ~ 43°C										