



MARICULTURE HEAT PUMP

# MARICULTURE HEAT PUMP

## H

- Pure titanium tube heat exchanger, acid, alkali and corrosion resistant. The surface is not prone to oxide layer, does not pollute the media, does not scale, and is not prone to leakage.
- 0.5°C Precise temperature control.
- ECO Friendly, No CO<sub>2</sub> emissions.
- Highly efficient, energy-saving, safe and reliable.



It is used in various types of greenhouse aquaculture farms, large-scale breeding and seedling hatching of shrimps, fish, shellfish, etc., and intelligent aquaculture integrating constant temperature and heating of water.

### H Series Mariculture Heat Pump

Model		H-030	H-050	H-070	H-100	H-120	H-150	H-220	H-300	H-350
Cooling Condition (A35°C/W7°C)	Cooling Capacity kW	8.5	14.8	20.9	29.8	36.0	42.8	58.0	70.0	85.0
	EER W/W	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
	Power kW	2.7	4.8	6.7	9.6	11.6	13.8	18.7	22.6	27.4
Heating Condition (A20°C/W26°C)	Current A	12.5	8.2	11.5	16.4	19.8	23.6	31.9	38.5	46.8
	Heating Capacity kW	13.1	22.9	32.3	45.8	55	64.2	86.0	106.7	128.4
	COP W/W	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
Power Supply	Power kW	2.7	4.8	6.7	9.5	11.5	13.4	17.9	22.2	26.8
	Current A	12.4	8.1	11.5	16.3	19.6	22.8	30.6	37.9	45.7
	Power Supply /	220V~/50Hz					380V/3N~/50Hz			
Max. Current Input A	18	13	17	25	27	32	45	58	72	
Max. Power Input kW	4.0	7.3	9.5	14.0	15.1	17.9	25.2	32.4	40.3	
Compressor Type /	Rotary		Fully enclosed scroll							
Water Pressure Drop kPa	30	36	41	42	43	45	45	52	58	
Noise dB(A)	58	60	62	62	65	68	68	70	70	
Connection Size(PVC) mm	DE50 Union	DE50 Union	DE50 Union	DE63 Union	DE63 Union	DE75 Flange	DE75 Flange	DE90 Flange	DE90 Flange	
Water Flow m <sup>3</sup> /h	5	8	10	13	16	20	25	30	35	
Refrigerant /	R410A									
Operating Temperature Range °C	-12~45									
Dimensions (L*W*H) mm	768*709*868	805*750*1068	870*810*1268	1450*780*1073	1480*900*1660	1580*900*1660	1926*1056*2190	2126*1106*2200	2126*1106*2200	
Weight kg	105	150	160	220	322	385	515	595	710	

- Cooling Condition: Outdoor Ambient Temp. (DB/WB): 35°C/24°C, Water Temp. (In): 12°C, Water Temp. (Out): 7°C.  
 - Heating Condition: Outdoor Ambient Temp. (DB/WB): 20°C/15°C, Water Temp. (In): 26°C, Water Temp. (Out): 28°C.  
 - The data above is for reference only. For model specifications, please refer to the nameplate on the unit.

MARICULTURE HEAT PUMP