

# Heat Pump By Emaux



With over 35 years of solid experience and expertise together with our devoted staffs, Emaux has evolved from a Swimming Pool and Spa Equipment manufacturer to a company that is focused in Water Technology. A company that provides solutions to clients in water related issues.

**Water for life and leisure**

 **Emaux**  
*water technology*

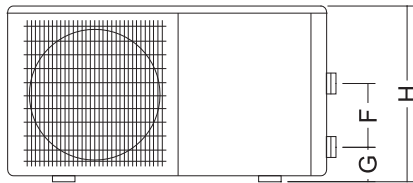
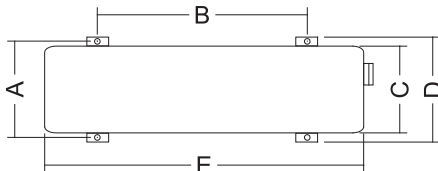
[www.emauxgroup.com](http://www.emauxgroup.com)



### B2 SERIES

#### Performance and features

- Durable, The heating exchanger is made of PVC & Titanium tube, which can withstand prolonged exposure to swimming pool water.
- Easy operation, The unit is very easy to operate: switch it on and set the desired pool water temperature.
- Quiet operation, The unit comprises an efficient rotary compressor and a low-noise fan motor, which guarantees its quiet operation.
- Normal Working Environment: 12-35°C. Only heating function.
- Low cost, The operational cost is very low due to its high performance.



Model No.		HP4.5B2	HP5.6B2	HP7.8B2	HP9.5B2
Code		88360703	88360704	88360705	88360706
Rated Heating Capacity	W	4500	5600	7800	9500
	BTU	15300	18000	26500	32500
Heating Input Power	W	1050	1250	1650	1938
Heating Running Current	A	5	5.7	7.5	10
Power Supply	V/PH/HZ	220V/1PH/50HZ			
Controller		Mechanical Controller			
Condenser		Titanium Coil			
Quantity of Compressor		1	1	1	1
Compressor		Rotary			
Quantity of Fan		1	1	1	1
Input power of Fan	W	30	30	25	40
Fan Speed	RPM	900	900	900	900
Noise	Db(A)	48	48	48	48
Water Connection	mm	1.5"	1.5"	1.5"	1.5"
Water Flow Volume	m³/h	4-6	4-6	4-7	4-7
Water Pressure Drop	kpa	10	12	12	15
Net Dimension	L	mm	936	936	1010
	W		360	360	370
	H		550	550	615
Packing Dimension	L	mm	1050	1050	1130
	W		400	400	400
	H		600	600	670
Weight	Net Weight	KG	39	42	60
	Gross Weight		45	48	67

#### Measuring Conditions

Heating : Dry bulb 24°C, Wet Bulb 19°C, Water entering temperature 27°C

Model	Dimensions(mm)							
	A	B	C	D	E	F	G	H
HP4.5B2	330	680	280	360	936	200	81	550
HP5.6B2	330	680	280	360	936	200	81	550
HP7.8B2	330	680	280	360	936	250	81	550
HP9.5B2	340	643	300	370	1010	270	81	615

# Water for life and leisure

Heat Pump



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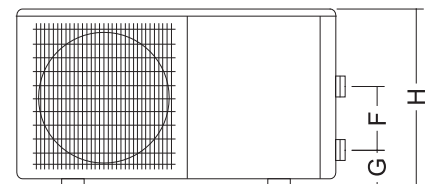
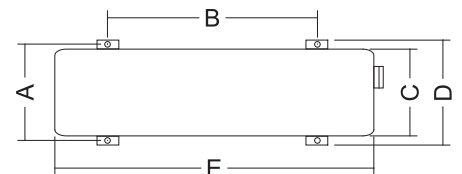
## B SERIES

### Performance and features

- High efficiency, With a COP value up to 5.0 our heat pumps are very efficient when transferring heat from the air to the swimming pool water. You can save as much as 80% of cost compared to an electrical heater. Long life-span.
- The heat exchanger is made of PVC & Titanium tube, which can withstand and prolong exposure to swimming pool water.
- Easy control and operation. Simply switch it on and set the desired pool water temperature.
- The system includes a micro-computer controller, allowing all operation parameters to be set. Operation status can be displayed on the controller with LCD display.
- Normal Working Environment: -10~35°C.



Model No.		HP5.6B	HP7.8B	HP9.5B	HP14B
Code		88360304	88363035	88360306	88360508
Rated Heating Capacity	W	5600	7800	9500	14000
	BTU	18000	26500	32500	48000
Heating Input Power	W	1083	1625	1938	2880
Heating Running Current	A	5	7.5	9.2	13.3
Rated Cooling Capacity	W	3200	4800	5900	8600
	BTU	11000	16500	20000	29500
Cooling Input Power	W	1030	1550	1910	2980
Cooling Running Current	A	4.7	7.4	9.1	13.8
Power Supply	V/PH/Hz	220V/1PH/50HZ			
Controller		Electronic Controller			
Condenser		Titanium Coil			
Quantity of Compressor		1	1	1	1
Compressor		Rotary			Scroll
Quantity of Fan		1	1	1	1
Input power of Fan	W	30	25	40	60
Fan Speed	RPM	900	900	900	950
Noise	Db(A)	48	48	48	48
Water Connection	mm	1.5"	1.5"	1.5"	1.5"
Water Flow Volume	m³/h	2-4	3-5	4-7	5-8
Water Pressure Drop	kpa	12	12	15	15
Net Dimension	L	mm	936	936	1010
	W		360	360	370
	H		550	550	615
Packing Dimension	L	mm	1050	1050	1130
	W		400	400	410
	H		600	600	660
Weight	Net Weight	KG	43	50	61
	Gross Weight		49	56	67



### Measuring Conditions

Heating: Dry bulb 24°C, Wet Bulb 19°C, Water entering temperature 27°C

Cooling: Dry bulb 35°C, Wet Bulb 24°C, Water entering temperature 27°C

Model	Dimensions(mm)							
	A	B	C	D	E	F	G	H
HP5.6B	330	680	280	360	936	220	81	550
HP7.8B	330	680	280	360	936	250	81	550
HP9.5B	340	643	300	370	1010	270	81	615
HP14B	440	760	420	470	1110	320	81	700

# Water for life and leisure

Heat Pump

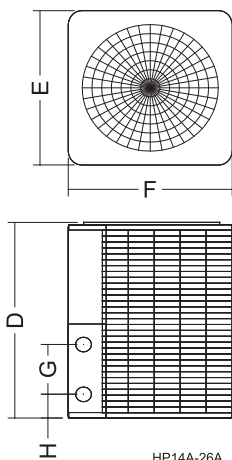


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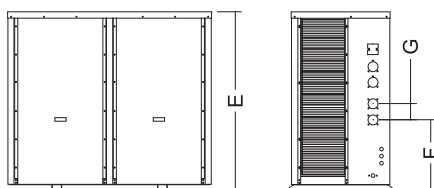
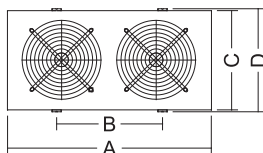
## A SERIES

### Performance and features

- High efficiency, With a COP value up to 5.0 our heat pumps are very efficient when transferring heat from the air to the swimming pool water. You can save as much as 80% of cost compared to an electrical heater. Long life-span.
- The heat exchanger is made of PVC & Titanium tube, which can withstand and prolong exposure to swimming pool water.
- Easy control and operation. Simply switch it on and set the desired pool water temperature.
- The system includes a micro-computer controller, allowing all operation parameters to be set. Operation status can be displayed on the controller with LCD display.
- Normal Working Environment: -10~35°C.



HP14A-26A



HP 35A & 50A

Model No.		HP14A	HP17A	HP21A	HP21A	HP26A	HP35A	HP50A
Code		88360108	88360109	88360110	88360210	88360211	88360212	88360214
Rated Heating Capacity	W	14000	17000	21000	21000	26000	35000	50000
	BTU	48000	58000	73000	73000	90000	120000	170000
Heating Input Power	W	2880	3500	4250	4250	5300	7100	10300
Heating Running Current	A	13.3	16.1	21.3	7.8	9.5	6.3*2	9.1*2
Rated Cooling Capacity	W	8600	10300	13500	13500	16000	29000	36000
	BTU	29300	35200	46000	46000	55000	100000	123000
Cooling Input Power	W	2980	3600	4650	4650	5730	9600	12100
Cooling Running Current	A	13.8	16.9	25.1	8.4	10.1	7.9*2	10.1*2
Power Supply	V/PH/HZ	220V/1PH/50HZ			380V/3PH/50HZ			
Controller		Electronic Controller						
Condenser		Titanium Coil						
Quantity of Compressor		1	1	1	1	1	2	2
Compressor		Scroll						
Quantity of Fan		1	1	1	1	1	2	2
Input power of Fan	W	160	160	160	160	160	160*2	160*2
Fan Speed	RPM	830	830	830	830	830	830	830
Noise	Db(A)	58	58	58	58	58	58	58
Water Connection	mm	1.5"	1.5"	1.5"	1.5"	1.5"	2.0"	2.0"
Water Flow Volume	m³/h	5-8	5-8	6-10	6-10	6-12	8-15	8-15
Water Pressure Drop	kpa	15	16	16	16	16	18	18
Net Dimension	L	mm	660	660	660	660	1448	1448
	W		660	660	660	660	730	730
	H		860	960	960	960	1080	1280
Packing Dimension	L	mm	760	760	760	760	1530	1530
	W		710	710	710	710	830	830
	H		990	1090	1090	1090	1220	1400
Weight	Net Weight	KG	83	99	97	100	100	216
	Gross Weight		97	114	104	115	115	248

### Measuring Conditions

Heating : Dry bulb 24°C, Wet Bulb 19°C, Water entering temperature 27°C

Cooling : Dry bulb 35°C, Wet Bulb 24°C, Water entering temperature 27°C

Model	Dimensions(mm)				
	D	E	G	F	H
HP14A	860	660	320	660	100
HP17A	960	660	320	660	100
HP21A	960	660	320	660	100
HP26A	960	660	320	660	100

Model	Dimensions(mm)						
	A	B	C	D	E	F	G
HP35A	1450	690	700	730	1280	400	135
HP50A	1450	690	700	730	1280	400	135