

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

Your solution in water technology



EMAUX[®]
Water Technology

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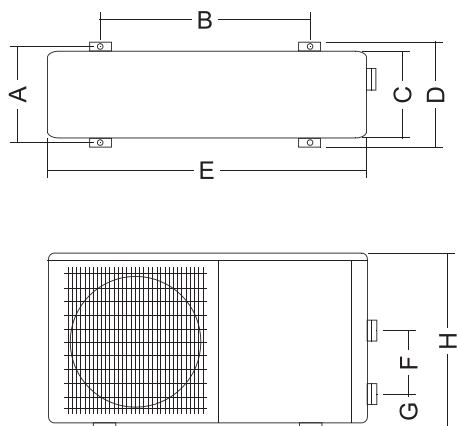


B2 SERIES

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 | m ³ /h | 4-6 | 4-6 | 4-7 | 4-7 | |
| Water Pressure Drop | kpa | 10 | 12 | 12 | 15 | |
| Net Dimension | L | mm | 936 | 936 | 936 | 1010 |
| | W | | 360 | 360 | 360 | 370 |
| | H | | 550 | 550 | 550 | 615 |
| Packing Dimension | L | mm | 1050 | 1050 | 1050 | 1130 |
| | W | | 400 | 400 | 400 | 400 |
| | H | | 600 | 600 | 600 | 670 |
| Weight | Net Weight | KG | 39 | 42 | 48 | 60 |
| | Gross Weight | | 45 | 48 | 54 | 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 |



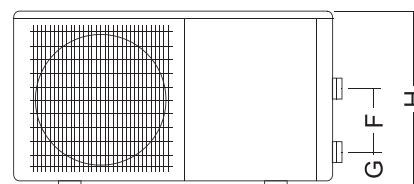
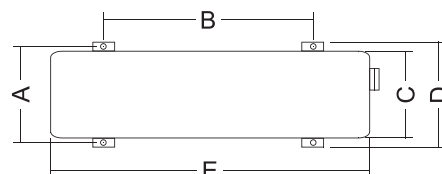
B SERIES

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 | 936 | 936 | 1010 | 1100 |
| | W | 360 | 360 | 370 | 440 |
| | H | 550 | 550 | 615 | 700 |
| Packing Dimension | L | 1050 | 1050 | 1130 | 1240 |
| | W | 400 | 400 | 410 | 500 |
| | H | 600 | 600 | 660 | 750 |
| Weight | Net Weight | 43 | 50 | 61 | 102 |
| | Gross Weight | 49 | 56 | 67 | 117 |



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

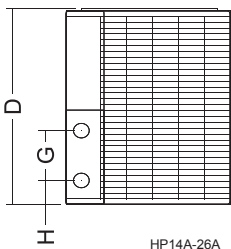
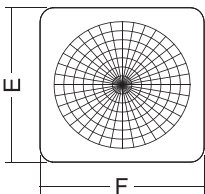
| Model | Dimensions(mm) | | | | | | | |
|--------|----------------|-----|-----|-----|------|-----|----|-----|
| | A | B | C | D | E | F | G | H |
| HP5.6B | 330 | 680 | 280 | 360 | 936 | 220 | 81 | 550 |
| HP7.8B | 330 | 680 | 280 | 360 | 936 | 250 | 81 | 550 |
| HP9.5B | 340 | 643 | 300 | 370 | 1010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



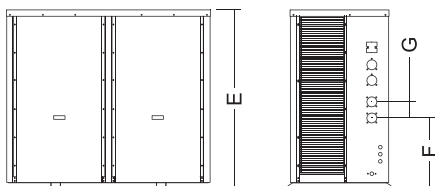
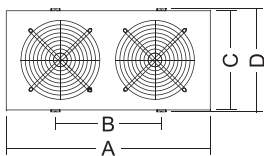
A SERIES

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 | m ³ /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 | 660 | 660 | 660 | 660 | 660 | 1448 | 1448 |
| | W | 660 | 660 | 660 | 660 | 660 | 730 | 730 |
| | H | 860 | 960 | 960 | 960 | 960 | 1080 | 1280 |
| Packing Dimension | L | 760 | 760 | 760 | 760 | 760 | 1530 | 1530 |
| | W | 710 | 710 | 710 | 710 | 710 | 830 | 830 |
| | H | 990 | 1090 | 1090 | 1090 | 1090 | 1220 | 1400 |
| Weight | Net Weight | 83 | 99 | 97 | 100 | 100 | 216 | 230 |
| | Gross Weight | 97 | 114 | 104 | 115 | 115 | 248 | 266 |

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 |