

# HEAT PUMP B2 SERIES



After more than 32 years of international experience in water technology with particular expertise in swimming pool pumps and filters, Emaux has evolved into a major force spanning 5 continents and appointing more than 200 distributors worldwide. Our research facilities and state of the art manufacturing plant ensures quality products that are specified where reliable and efficient filtration is critical. After considerable research into the Australian market - Emaux Water Technology Australia was launched in 2008 with headquarters in Perth. Following Emaux principles – all Emaux products were tested to meet Australian Standard AS/NZS 60335.1 and distribution and servicing established in all key centres.

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**EMAUX**

Pool Pumps and Filters

The clear choice in water technology

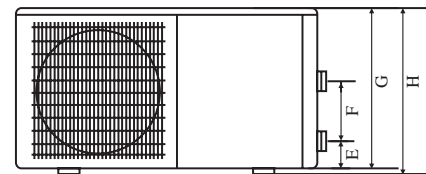
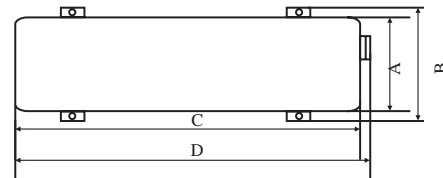
## B2 SERIES

### 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.
- The unit can heat your swimming pool water when the air temperature is 10°C or higher.
- 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     | 1978     |
| Heating Running Current | A                 | 4.8                   | 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                 | 25                    | 25       | 25       | 30       |
| Fan Speed               | RPM               | 900                   | 900      | 900      | 890      |
| Noise                   | Db(A)             | 54                    | 55       | 55       | 57       |
| Water Connection        | mm                | 1.5"                  | 1.5"     | 1.5"     | 1.5"     |
| Water Flow Volume       | m <sup>3</sup> /h | 4-6                   | 4-6      | 4-7      | 4-7      |
| Water Pressure Drop     | kpa               | 10                    | 12       | 12       | 15       |
| Net Dimension           | L                 | 936                   | 936      | 936      | 1010     |
|                         | W                 | 360                   | 360      | 360      | 370      |
|                         | H                 | 550                   | 550      | 550      | 615      |
| Packing Dimension       | L                 | 1090                  | 1090     | 1090     | 1170     |
|                         | W                 | 390                   | 390      | 390      | 415      |
|                         | H                 | 580                   | 580      | 580      | 645      |
| Weight                  | Net Weight        | 36                    | 39       | 54       | 63       |
|                         | Gross Weight      | 39                    | 42       | 57       | 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 | 280             | 360 | 936  | 970  | 80 | 200 | 521 | 550 |
| HP5.6B2 | 280             | 360 | 936  | 970  | 80 | 200 | 521 | 550 |
| HP7.8B2 | 280             | 360 | 936  | 970  | 80 | 200 | 521 | 550 |
| HP9.5B2 | 301             | 370 | 1010 | 1050 | 83 | 270 | 585 | 615 |

