



**Technical Parameters**

| Description                                                             |              | VSM -HB-12  | VSM-HB- 18  | VSM-HB-24    |
|-------------------------------------------------------------------------|--------------|-------------|-------------|--------------|
| Capacity                                                                | TON          | 1.00        | 1.50        | 2.00         |
|                                                                         | BTU/Hr       | 12000       | 18000       | 24000        |
| Rated Cooling Capacity (W)                                              |              | 3500        | 5250        | 7200         |
| Rated Power Input (V/Hz)                                                |              | 220v/50Hz   | 220v/50Hz   | 220v/50Hz    |
| Rated Cooling Power Input (W)                                           |              | 800 ~ 872   | 1350 ~ 1450 | 1650 ~ 1750  |
| Rated Cooling Input Current (A)                                         |              | 3.64 ~ 3.96 | 6.14 ~ 6.59 | 7.5 ~ 8      |
| Max Cooling Power Input (W)                                             |              | 1070        | 1600        | 2384         |
| Max Cooling Input Current (A)                                           |              | 5           | 7.3         | 10.8         |
| Inhaling Max. Working Pressure (Mpa)                                    |              | 0.8         | 0.8         | 0.8          |
| Exhausting Max. Working Pressure (Mpa)                                  |              | 2.8         | 2.8         | 2.8          |
| Amount of Added Refrigerant (Kg)                                        |              | 1300g       | 1700g       | 1950g        |
| Air Circulation of Outdoor Unit (M <sup>3</sup> /h)                     |              | 550         | 850         | 1050         |
| Area Coverage in Sq. Feet                                               |              | Up to 175   | 175 to 250  | 250 to 350   |
| EER<br>[Rated Cooling Capacity(BTU/Hr) / Power Input(Watts)]            |              | 13.2        | 13.7        | 13.3         |
| COP<br>[Rated Cooling Capacity(Watts) / Power Input(Watts)]             |              | 3.8         | 4.1         | 4.0          |
| Indoor air circulation<br>3 speed motor                      cub. mt/hr |              | 600         | 850         | 1100         |
| Waterproof Grade                                                        |              | 1P X 4      | 1P X 4      | 1P X 4       |
| Net Weight (Kg)                                                         | Outdoor unit | 43          | 43          | 46           |
|                                                                         | Indoor unit  | 12          | 12          | 28           |
| Dimensions (mm)<br>Length*width*height                                  | Outdoor unit | 935*285*555 | 935*285*555 | 935*285*555  |
|                                                                         | Indoor unit  | 775*185*245 | 965*220*330 | 1745*300*475 |
| Noise Level dB(a)                                                       | Outdoor unit | 39          | 42          | 45           |
|                                                                         | Indoor unit  | 51          | 55          | 57           |

**Note :**

- Parameters in the form are measured in the rated working state of Outdoor temp 35°C DB/24°C WB; Indoor temp 27oC DB/19oC WB. Changes may appear according to the real working state.
- Parameters may change due to the product improvement.

Zaiba Energy Support Trends

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