

# Fixed Speed Air Handler



Models / Modelos  
**MAHVBNT**

**Manejadora de  
Aire Velocidad Fija**

## Technical Specifications / Especificaciones Técnicas

| Model                         |                              |                   | MAHVBNT36            | MAHVBNT48            | MAHVBNT60            |
|-------------------------------|------------------------------|-------------------|----------------------|----------------------|----------------------|
| Power supply                  |                              | V,Hz,Ph           | 220-230V,1Ph,60Hz    | 220-230V,3Ph,60Hz    | 220-230V,1Ph,60Hz    |
| Cooling                       | Capacity                     | Btu/h             | 36000                | 48000                | 60000                |
|                               | Input                        | W                 | 3929                 | 5025                 | 6410                 |
|                               | Rated current                | A                 | 17.0                 | 25.1                 | 25.8                 |
|                               | EER                          | W/W               | <b>2.69</b>          | <b>2.8</b>           | <b>2.55</b>          |
| BTU's/W                       |                              | <b>9.19</b>       | <b>9.56</b>          | <b>8.7</b>           |                      |
| Max. current                  |                              | A                 | 25.5                 | 30.7                 | 34.6                 |
| Indoor air flow (Hi/Mi/Lo)    |                              | m <sup>3</sup> /h | 1673 / 1189 / 1065   | 1828 / 1334 / 1223   | 1800 / 1600 / 1400   |
| Indoor noise level (Hi/Mi/Lo) |                              | dB(A)             | 53.0 / 46.6 / 45.5   | 52.1/46.2/45.4       | 52.1/44.4/42.5       |
| Indoor unit                   | Dimension (W*D*H)            | mm                | 520x460x774          | 500x550x970          | 500x550x970          |
|                               | Packing (W*D*H)              | mm                | 835x520x565          | 560x595x1030         | 1030x560x595         |
|                               | Net/Gross weight             | Kg                | 38.2/41.7            | 48/52                | 51/55                |
| Refrigerant type              |                              |                   | R410A                | R410A                | R410A                |
| Design pressure               |                              | MPa               | 4.2 / 1.5            | 4.2 / 1.5            | 4.2 / 1.5            |
| Refrigerant piping            | Liquid side / Gas side       | mm(inch)          | Φ9.52/Φ19(3/8"/3/4") | Φ9.52/Φ19(3/8"/3/4") | Φ9.52/Φ19(3/8"/3/4") |
|                               | Max. refrigerant pipe length | m                 | 30                   | 50                   | 50                   |
|                               | Max. difference in level     | m                 | 20                   | 30                   | 30                   |
| Operation temperature         |                              | °C                | 17-30                | 17-30                | 17-30                |
| Room temperature              | Indoor (cooling/ heating)    | °C                | 18 ~ 43              | 18 ~ 43              | 18 ~ 43              |