

| TECHNICAL SPECIFICATIONS                             |                  | MERAI 4100X     |                 |                 |
|------------------------------------------------------|------------------|-----------------|-----------------|-----------------|
| DESCRIPTION                                          | UNIT             |                 |                 |                 |
| Tonnage Class                                        |                  | 1.0TR           | 1.5TR           | 2.0TR           |
| Star Rating                                          | No. of BEE Stars | 4               | 4               | 4               |
| Unit                                                 | Model Number     | RSG412HBEA      | RSD418HBEA      | RMC424HBEA      |
| IDU                                                  | Model Number     | ESG412HBEA      | ESD418HBEA      | EMC424HBEA      |
| ODU                                                  | Model Number     | CSG412HBEA      | CSD418HBEA      | CMC424HBEA      |
| Compressor                                           | Type             | Rotary          | Rotary          | Twin Rotary     |
| Rated Power Supply                                   | Volts/Hz/Phase   | 230/50/1        | 230/50/1        | 230/50/1        |
| Rated Cooling Capacity                               | BTU/Hr           | 12000           | 18000           | 23885           |
| Maximum Cooling Capacity                             |                  | 13200           | 19800           | 25390           |
| Rated Cooling Capacity                               | Watts            | 3516            | 5275            | 7000            |
| Maximum Cooling Capacity                             |                  | 3870            | 5800            | 7440            |
| Rated Power Input                                    | Watts            | 1020            | 1660            | 2315            |
| ISEER                                                |                  | 4.10            | 4.15            | 4.21            |
| Cooling Seasonal Energy Consumption                  | (kWh)            | 664             | 983             | 1288            |
| Current Drawn (Rated)                                | Amps             | 4.7             | 7.6             | 10.6            |
| Fan Speed                                            | Steps            | 3               | 3               | 3               |
| Air Flow (IDU) (Cooling -Super High)                 | CFM              | 425             | 583             | 620             |
| Sound Level* (IDU)                                   | dB               | 37              | 36              | 37              |
| Dimension (IDU) (W x H x D)                          | mm               | 798 x 295 x 240 | 968 x 294 x 240 | 997 x 294 x 253 |
| Dimension (ODU) (W x H x D)                          | mm               | 750 x 548 x 288 | 750 x 548 x 288 | 792 x 600 x 299 |
| Net Weight (IDU)                                     | Kg               | 9.5             | 11.2            | 13              |
| Net Weight (ODU)                                     | Kg               | 30              | 33              | 45              |
| Refrigerant Pipe Diameter (Liquid Pipe/Suction Pipe) | mm               | 6.35/9.53       | 6.35/12.70      | 6.35/15.88      |
| Maximum Piping length                                | Mtr              | 25              | 25              | 25              |

Features may vary from model to model. \*At Super Silent fan speed & at a distance of 1m . Hitachi air-conditioners are designed to work in ambient temperatures upto 52°C.  
Due to continous research & development, specifications & features may change without prior notice.