



## AC 36 K Inverter

| Technical Specifications         |             |           | V1                |
|----------------------------------|-------------|-----------|-------------------|
|                                  |             |           | Cooling & Heating |
| Type                             |             |           | Inverter          |
| Climate type                     |             |           | T1                |
| Power supply                     |             | V-Hz      | 220-240V/50Hz     |
| Min/Max voltage                  |             | V         | 165-268           |
| Type                             |             | --        | Split             |
| Control type                     |             | --        | Remote control    |
| Cooling<br>(Standard conditions) | Capacity    | Btu/h     | 36000             |
|                                  | Capacity    | W         | 10551             |
|                                  | Power input | W         | 3246              |
|                                  | Current     | A         | 15.1              |
|                                  | EER         | W/W       | 3.25              |
|                                  | EER         | (Btu/h)/W | 11.09             |
| Energy class                     |             |           |                   |
| Heating<br>(Standard conditions) | Capacity    | Btu/h     | 36000             |
|                                  | Capacity    | W         | 10551             |
|                                  | Power input | W         | 3015              |
|                                  | Current     | A         | 29.3              |
|                                  | COP         | W/W       | 3.5               |
|                                  | COP         | (Btu/h)/W | 11.94             |
| Dehumidification capacity        |             | L/h       | 2.2               |
| Max. rated power input           |             | W         | 4870              |
| Max. rated current               |             | A         | 22.6              |

|              |                              |                                   |            |
|--------------|------------------------------|-----------------------------------|------------|
| Compressor   | Type                         | --                                | Rotary     |
| Indoor unit  | Adjustable temperature range | °C                                | 16-32      |
|              | Fan type                     | --                                | Cross-flow |
|              |                              | Capacitor                         | uF         |
|              |                              | Rated speed (nameplate)           | RPM        |
|              | Evaporator                   | a. Number of rows                 | --         |
|              |                              | b. Tube pitch (a) x row pitch (b) | mm         |
|              |                              | c. Fin material                   | --         |
|              |                              | e. Fin colour                     | --         |
|              |                              | f. Tube outer diameter            | mm         |
|              |                              | g. Tube type                      | --         |
|              |                              | h. Coil length                    | mm         |
|              | Indoor air flow              |                                   | m3/h       |
|              | Noise level                  |                                   | dB(A)      |
|              | Unit dimensions (W*H*D)      |                                   | mm         |
|              | Packing dimensions (W*H*D)   |                                   | mm         |
| Outdoor unit | Fan type                     | --                                | Axial flow |
|              |                              | Capacitor                         | uF         |
|              |                              | Rated speed (nameplate)           | RPM        |
|              | Condenser                    | a. Number of rows                 | --         |
|              |                              | b. Tube pitch (a) x row pitch (b) | mm         |
|              |                              | c. Fin material                   | --         |
|              |                              | e. Fin colour                     | --         |
|              |                              | f. Tube outer diameter            | mm         |
|              |                              | g. Tube type                      | --         |

|                  |                                      |        |             |
|------------------|--------------------------------------|--------|-------------|
| Outdoor unit     | Noise level                          | dB(A)  | 56          |
|                  | Unit dimensions (W*H*D)              | mm     | 860*720*320 |
|                  | Packing dimensions (W*H*D)           | mm     | 982×777×438 |
|                  | Electrical protection class (in/out) | --     | Class I     |
|                  | Moisture protection (outdoor)        | --     | IPX4        |
|                  | Refrigerant type                     | --     | R410A       |
|                  | Refrigerant charge                   | Kg     | 1.6         |
|                  | Additional refrigerant               | g/m    | 12          |
|                  | Outdoor temp. range - Cooling mode   | °C     | 16~52       |
|                  | Outdoor temp. range - Heating mode   | °C     | -15~24      |
| Refrigerant pipe | Discharge valve diameter             | inches | 1/4         |
|                  | Suction valve diameter               | inches | 5/8         |
|                  | Liquid pipe diameter                 | mm     | 6           |
|                  | Gas pipe diameter                    | mm     | 15.88       |
|                  | Max. recommended pipe length         | m      | 15          |
|                  | Max. recommended height difference   | m      | 8           |