

| eIQ-FC36K                   |                            |                   |                     |
|-----------------------------|----------------------------|-------------------|---------------------|
| Indoor Model                |                            |                   | eIQ-FC36KIN         |
| Indoor power supply         |                            | V/Ph/Hz           | 220~240V/1Ph/50Hz   |
| Cooling                     | Capacity                   | KW                | 6.6-10.5-12.8       |
|                             | Power input                | W                 | 1050-3275-4660      |
|                             | Current input              | A                 | 4.2-14.8-24.8       |
|                             | EER                        | W/W               | 3.21                |
|                             | SEER                       | W/W               | 5.6                 |
| Heating                     | Capacity                   | KW                | 7.35-11.5-13.2      |
|                             | Input                      | W                 | 1100-3050-4150      |
|                             | Rated current              | A                 | 4.4-14.5-18.5       |
|                             | COP                        | W/W               | 3.77                |
|                             | SCOP                       | W/W               | 4.0                 |
| Energy rate                 |                            | Cooling           | A+                  |
| Energy rate                 |                            | Heating           | A+                  |
| Max. power input            |                            | W                 | 4800                |
| Max. current input          |                            | A                 | 26                  |
| Indoor fan motor            | Model                      |                   | DR-310-120LD-8      |
|                             | Brand                      |                   | Panasonic           |
|                             | Power output               | W                 | 120                 |
|                             | Capacitor                  | μF                | -                   |
|                             | Speed                      | r/min             | 1400                |
|                             | Insulation class           |                   | E                   |
| Indoor coil                 | Number of rows             |                   | 3                   |
|                             | Tube pitch(a)xrow pitch(b) | mm                | 21×13.37            |
|                             | Fin spacing                | mm                | 1.4                 |
|                             | Fin type                   |                   | Hydrophilic         |
|                             | Tube outside dia. and type | mm                | Φ7<br>inner grooved |
|                             | Coil lengthxheightxwidth   | mm                | 1000x252x40.11      |
|                             | Number of circuits         |                   | 4                   |
| Indoor air flow(High speed) |                            | m <sup>3</sup> /h | 1800/1650/1500      |
| Indoor noise level          | power level                | dB(A)             | 56~65               |
|                             | pressure level             |                   | 45/48/51            |
| Indoor unit                 | Dimension(W*H*D)           | Body(mm)          | 1245×680×240        |
|                             | Packing(W*H*D)             | Body(mm)          | 1325×770×325        |
|                             | Net/Gross weight           | Body(Kg)          | 35/41               |
| Max pressure                |                            | MPa               | 3.8                 |
| Refrigerant type            |                            |                   | R410A               |
| Refrigerant piping          | Liquid side/Gas side       | mm                | Φ9.52/Φ15.88        |

|                              |                            |   |                    |
|------------------------------|----------------------------|---|--------------------|
| Drainage pipe                |                            | mm  | DN25               |
| Standard controller          |                            | Standard for remote controller(wired controller for option) |                    |
| Operation temp               |                            | °C  | 16~32              |
| Ambient temp                 | cooling                    | °C  | -5~50              |
|                              | heating                    | °C  | -15~30             |
| Application area             |                            | m <sup>2</sup>  | 40-70              |
| Outdoor Model                |                            |   | eiq-FC36KEX        |
| Outdoor power supply         |                            | V/Ph/Hz   | 220~240/1/50       |
| Cooling                      | Capacity                   | KW  | 6.6-10.5-12.8      |
|                              | Power input                | W   | 650-4560           |
|                              | Current input              | A   | 2.5-24             |
| Heating                      | Capacity                   | KW  | 7.35-11.5-13.2     |
|                              | Power input                | W   | 1000-4050          |
|                              | Current input              | A   | 3.7-17.8           |
| Compressor                   | Model                      |   | ATF310D43UMT       |
|                              | Type                       |   | DC/Twin-rotary     |
|                              | Brand                      |   | GMCC               |
|                              | Frequency range            | rps   | 12-120             |
|                              | Capacity                   | W   | 9435               |
|                              | Input                      | W   | 2575               |
|                              | Current(RLA)               | A   | 5.05               |
|                              | Refrigerant oil            | ml  | 1000               |
| Outdoor fan motor            | Model                      |   | DR-310-180-8       |
|                              | Brand                      |   | NIDEC              |
|                              | Power output               | W   | 180                |
|                              | Speed                      | r/min   | 750                |
|                              | Insulation class           |   | E                  |
| Outdoor coil                 | Number of rows             |   | 2                  |
|                              | Tube pitch(a)xrow pitch(b) | mm  | 21×13.4            |
|                              | Fin spacing                | mm  | 1.6                |
|                              | Fin type                   |   | Hydrophilic        |
|                              | Tube outside dia. and type | mm  | 7<br>inner grooved |
|                              | Coil lengthxheightxwidth   | mm  | 856×945×40.1       |
|                              | Number of circuits         |   | 11                 |
| Outdoor air flow(High speed) |                            | m <sup>3</sup> /h   | 6700               |
| Outdoor noise level          | power level                | dB(A)   | 68                 |
|                              | pressure level             |   | 55                 |
| Dimension(W*H*D)             |                            | mm  | 1050×995×347       |

|                           |                      |                 |               |
|---------------------------|----------------------|-----------------|---------------|
| Outdoor unit              | Packing(W*H*D)       | mm              | 1145x1120x475 |
|                           | Net/Gross weight     | kg              | 80/92         |
| Refrigerant type/quantity |                      | g               | R410A/3800    |
| Throttle part             |                      |                 | EXV           |
| Design pressure           |                      | MPa             | 4.4/1.1       |
| Max pressure              |                      | MPa             | 3.8           |
| Connection wire           | Power wiring         | mm <sup>2</sup> | 3x4.0         |
|                           | Signal wiring        | mm <sup>2</sup> | 3x1.0         |
| Refrigerant piping        | Liquid side/Gas side | mm              | Φ9.52/Φ15.88  |
|                           | Max. pipe length     | m               | 65            |
|                           | Max. high drop       | m               | 30            |
| Ambient temp              | cooling              | °C              | -5~50         |
|                           | heating              | °C              | -15~30        |