|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| INDOOR UNIT | | FDYQN71LAV1 | FDYQN100LAV1 | FDYQN125LAV1 | FDYQN140LBV1 | FDYQN160LAV1 | FDYQN180LBV1 | FDYQN200LBV1 | FDYQN250LBV1 |
| OUTDOOR UNIT | | RZQ71LV1 | RZQ100LV1 | RZQ125LV1 | RZQ140LV1 | RZQ160LV1 | RZQ180LY1 | RZQ200LY1 | RZQ250LY1 |
| Rated Capacity | Cool (kW) | 7.1 | 10.0 | 12.5 | 14.0 | 15.5 | 18.0 | 20.0 | 23.5 |
| Heat (kW) | 7.5 | 12.5 | 15.0 | 16.5 | 18.0 | 20.0 | 22.4 | 26.8 |
| Capacity Range | Cool (kW) | 3.2-7.1 | 5.0-10.0 | 5.7-12.5 | 6.2-14.0 | 7.3-15.5 | 10.8-18.0 | 12.0-20.0 | 15.0-23.5 |
| Heat (kW) | 3.5-7.5 | 5.1-12.5 | 6.0-15.0 | 6.2-16.5 | 7.3-18.0 | 12.0-20.0 | 13.4-22.4 | 16.8-26.8 |
| Power Input (Rated) | Cool (kW) | 2.25 | 3.12 | 4.14 | 4.65 | 4.97 | 5.88 | 6.44 | 7.85 |
| Heat (kW) | 2.29 | 3.59 | 4.48 | | 4.83 | 6.15 | 7.00 | 8.47 |
| E.E.R./C.O.P. | C/H | 3.15/3.27 | 3.21/3.48 | 3.02/3.35 | 3.01/3.68 | 3.12/3.73 | 3.06/3.25 | 3.11/3.20 | 2.99/3.16 |
| Air Flow Rate (Rated) | l/s | 566 | 814 | 840 | 1000 | 1120 | 1180 | 1200 | 1400 |
| Indoor Sound Level (@1.5m) | dBA | 40.5 | 44.0 | 45.0 | 48.5 | 50.5 | 45.5 | 44.0 | 49.5 |
| Piping Length |  | 50 | 75 | | | | 50 | | |
| Indoor Fan Speeds |  | H/M/L | | | | | | | |
| Dimensions (HxWxD) | Indoor (mm) | 360x1188x869 | 360x1498x899 | | | | 500x1230x970 | 500x1430x970 | |
| Outdoor (mm) | 770x900x320 | 990x940x320 | 1170x900x320 | 1430x940x320 | | 1680x930x765 | | |
| Weight | Indoor (kg) | 47 | 56 | 61 | | | 78 | 86 | 92 |
| Outdoor (kg) | 64 | 75 | 98 | 108 | | 192 | 192 | 193 |
| Power Supply | V/HZ | 1 Phase, 220-240V, 50Hz | | | | | 3 Phase, 415v, 50Hz | | |
| Compressor Type |  | Hermetically sealed swing type | Hermetically sealed scroll type | | | | | | |
| Refrigerant |  | R410A | | | | | | | |
| Refrigerant Pipe Size | Liquid (mm) | 9.5(Flared) | | | | | 9.5 (Brazed) | | |
| Gas (mm) | 15.9(Flared) | | | | | 19.1 (Brazed) | | 22.2 (Brazed) |
| Drain (mm) | ID 25 / OD 32 | | | | | BSP 3/4 inch Internal Thread | | |
| Supply Air Opening | HxW (mm) | 243x751 (Flange) | 243x1152 (Flange) | | | | 376x827 (Flange) | | 376x938 (Flange) |
| Return Air Opening | HxW (mm) | 1x400 (Oval) | 2x400 (Oval) | | | | 350x918 (Flange) | 350x1118 (Flange) | |
| Outdoor Operating Range | Cool (°CDB) | -5 to 46 | | | | | -5 to 43 | | |
| Heat (°CWB) | -15 to 16 | | | | | -20 to 16 | | |
| Outdoor Sound Level (H) @ 1 metre from front of unit | Pressure dBA (C/H) | 49/51 | 51/53 | | 54/56 | 57/59 | 57/57 | | 57/58 |
| EPA Sound Power Level | Outdoor (dBA) | 66 | 69 | - | | | | | |