DAIKIN

Project: REFERANCE
Unit No. FCU-03
Software version: V1.0.16
Selection date: 18/8/2023

| General | | | |
|---|---|---|---|
| Unit Model | FWW500VF | Power Source | 220-240V~/50Hz |
| Application Air Flow($m^3$/h) | 743 | Fan Speed | Medium |
| Application ESP (Pa) | 50 | Running current(1)(A) | 0.42 |
| Motor Power Input(1)(W) | 94 | Shipping Dimension W*H*D (mm) | 961?558?250 |
| Net Dimension W*D*H (mm) | 945?536?235 | Altitude(m) | 0 |
| Unit Net Weight (kg) | 20.4 | | |

| Configuration information | | | |
|---|---|---|---|
| Drain Pan Type | Standard | Return Plenum Type | Back |
| Drain Pan Material | Cold-rolled Steel | Return Plenum Insulation | 5mmXPE |
| Drain Pan Insulation | Standard | Filter Type | 25mm AL Filter |
| Coil area ($m^2$) | 0.15 | Face Velocity(m/s) | 1.37 |
| FPI | 15 | Fins Material | Hydrophilic Aluminum |
| Pipe Connection | Left | Water Connection Size | Rc3/4 |
| Fan type | FC | Fan Qty | 2 |
| Motor type | AC | Motor Qty | 1 |

| Cooling coil (Cooling Mode) | | | |
|---|---|---|---|
| Total Cooling Capacity(kW) | 3.52 | Sensible Cooling Capacity(kW) | 2.71 |
| On Coil (DB/WB) (°C) | 24.4/17.2 | EWT(°C) | 7.00 |
| Off Coil (DB/WB) (°C) | 11.6/10.9 | LWT(°C) | 12.00 |
| Coil Rows | 4 | WPD (kPa) | 13.00 |
| Water Volume (L) | 1.10 | Water Flow Rate (l/s) | 0.17 |

| Cooling coil (Heating Mode) | | | |
|---|---|---|---|
| Heating Capacity(kW) | | | |
| On Coil (DB) (°C) | | EWT(°C) | |
| Off Coil (DB) (°C) | | LWT(°C) | |
| Water Flow Rate (l/s) | | WPD (kPa) | |

| Heating coil | | | |
|---|---|---|---|
| Heating Capacity(kW) | | | |
| On Coil (DB) (°C) | | EWT(°C) | |
| Off Coil (DB) (°C) | | LWT(°C) | |
| Coil Rows | | WPD (kPa) | |
| Water Volume (L) | | Water Flow Rate (l/s) | |

| Acoustical performance(2) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Octave Band | 63Hz | 125Hz | 250Hz | 500Hz | 1000Hz | 2000Hz | 4000Hz | 8000Hz | Overall |
| sound pressure level | 20.2 | 28.0 | 36.2 | 37.2 | 34.0 | 34.1 | 27.1 | 17.8 | 42.0dB(A) |

Note:
(1)The value is tested at nominal condition.
(2)The acoustical performance is tested at 1m position and at the condition of design air flow and ESP.
(3)The power input, current are only for reference, please refer to the actual unit.