DAIKIN

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

General			
Unit Model	FWW1400VF	Power Source	220-240V~/50Hz
Application Air Flow(m^3/h)	1869	Fan Speed	Medium
Application ESP (Pa)	50	Running current(1)(A)	1.26
Motor Power Input(1)(W)	283	Shipping Dimension W*H*D (mm)	1841?558?250
Net Dimension W*D*H (mm)	1825?536?235	Altitude(m)	0
Unit Net Weight (kg)	43.6		

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)	0.34	Face Velocity(m/s)	1.55
FPI	15	Fins Material	Hydrophilic Aluminum
Pipe Connection	Left	Water Connection Size	Rc3/4
Fan type	FC	Fan Qty	4
Motor type	AC	Motor Qty	2

Cooling coil (Cooling Mode)			
Total Cooling Capacity(kW)	8.34	Sensible Cooling Capacity(kW)	6.68
On Coil (DB/WB) (°C)	24.4/17.2	EWT(°C)	7.00
Off Coil (DB/WB) (°C)	11.6/11.2	LWT(°C)	12.00
Coil Rows	4	WPD (kPa)	19.00
Water Volume (L)	2.38	Water Flow Rate (l/s)	0.40

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	23.1	31.9	42.6	44.5	39.2	40.4	34.4	25.4	48.5dB(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.