

FCU TECHNICAL DATA SHEET								
Parameter	Unit	FAFCU-03	FAFCU-05	FAFCU-07	FAFCU-10	FAFCU-12	FAFCU-15	FAFCU-20
Cooling Capacity (Total)	TR	3	5	7	10	12	15	20
Cooling Capacity (Total)	kW	10.55	17.58	24.61	35.16	42.19	52.73	70.31
Air Flow (High)	CFM	600	900	1,200	1,800	2,100	2,600	3,500
Air Flow (High)	L/S	283	425	566	850	991	1,227	1,651
External Static Pressure	Pa	12/30/50 (Factory Set)						
Total Power Input (High)	W	90	140 ≤ 37	190 ≤ 39	240 ≤ 41	280	350	450
Sound Pressure Level (High)	dB(A)	≤ 35	4	4	4	≤ 42	≤ 44	≤ 46
Number of Rows	NOS.	4	0.37 0.227	0.49 0.318	0.65 0.455	4	4	4
Face Area	m²	0.26	0.80 1.6	1.00 1.6	1.30 1.6	0.78	0.98	1.30
Coil Water Flow	L/S	0.136	3/4" NPT (F)	3/4" NPT (F)	3/4" NPT (F)	0.545	0.682	0.909
Coil Water Volume	L	0.60				1.60	2.00	2.60
Working Pressure (Max.)	MPa	1.6				1.6	1.6	1.6
Connection (Water In/Out)	NPS	3/4" NPT (F)				3/4" NPT (F)	1" NPT (F)	1" NPT (F)
Fan Type	-	Centrifugal-Forward Curved						
Motor Type	-	Single Phase / 3Speed / 230V / 50Hz						
Motor Power	W	90	140	190	240	280	350	450
Height	mm	260 ± 5	260 ± 5	260 ± 5	300 ± 5	300 ± 5	300 ± 5	350 ± 5
Width	mm	550 ± 5	650 ± 5	750 ± 5	850 ± 5	950 ± 5	1,050 ± 5	1,250 ± 5
Length	mm	700	900	1,100	1,300	1,500	1,700	1,900
Drain Connection	mm (Ø)	Ø25 (External Thread)						
Water Connection	NPS	3/4" NPT (F)	3/4" NPT (F)	3/4" NPT (F)	3/4" NPT (F)	3/4" NPT (F)	1" NPT (F)	1" NPT (F)
Casing Material / Thickness	-	Galvanized Steel Sheet / 1.0 mm						
Insulation	-	Closed Cell Insulation Class 'O' / 10 mm Thickness						
Casing Finish	-	Powder Coated - RAL 7035 (Light Grey)						
Net Weight (Approx.)	kg	18	24	30	38	45	56	70

