

FRESH AIR HANDLING UNIT DATA SHEET											
Specification	UNIT	FAHU-VF750	FAHU-VF1000	FAHU-VF1250	FAHU-VF1500	FAHU-VF1750	FAHU-VF2000	FAHU-VF2250	FAHU-VF2500	FAHU-VF2750	FAHU-VF3000
Model Name		620 X 850	620 X 950	680 X 950	690 X 1100	740 X 1040	750 X 1150	690 X 1360	690 X 1430	750 X 1450	820 X 1550
Supply Air Flow	CFM	750	1,000	1,250	1,500	1,750	2,000	2,250	2,500	2,750	3,000
Supply Fan ESP	Pa	250	250	250	250	250	250	250	250	250	250
Supply Fan Motor Power	KW	1.18	1.18	1.80	1.80	2.95	2.95	2.95	2.95	2.95	2.95
Return Air Flow	CFM	675	900	1125	1350	1575	1800	2025	2250	2475	2700
Return Fan ESP	Pa	250	250	250	250	250	250	250	250	250	250
Return Fan Motor Power	KW	0.79	0.79	0.79	1.00	1.18	1.23	1.23	1.80	1.80	1.80
Dimension	Width (mm)	850	950	950	1100	1040	1150	1360	1430	1450	1550
	Height (mm)	1340	1340	1460	1480	1580	1600	1480	1480	1600	1680
	Length (mm)	3670	3670	3910	3910	3910	4070	4070	4120	3880	3880
Prefilter & Bag Filter		G4+F7	G4+F7	G4+F7	G4+F7	G4+F7	G4+F7	G4+F7	G4+F7	G4+F7	G4+F7
Heat Wheel	Rotor Type	SORPTION	SORPTION	SORPTION	SORPTION	SORPTION	SORPTION	SORPTION	SORPTION	SORPTION	SORPTION
	Rotor Dia (mm)	500	600	600	700	700	800	900	1000	1100	1200
	Motor Power (Kw)	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
	Efficiency (%)	61.7	63.9	59.4	62.5	59.2	62.3	64.6	66.5	68	69.4
Heat Pipe Rows		2	2	2	2	2	2	2	2	2	2
Total Cooling Capacity (1)	KW	14.4	18.8	26.0	29.0	36.9	39.2	40.6	42.4	44.9	45.8
Sensible Cooling Capacity	KW	4.7	6.2	8.6	9.6	12.2	12.9	13.8	14.4	15.3	16.0
Fan Type		EC FAN	EC FAN	EC FAN	EC FAN	EC FAN	EC FAN	EC FAN	EC FAN	EC FAN	EC FAN

VRV CONDENSING UNIT DATA SHEET											
Specification	UNIT	FAHU-VF750	FAHU-VF1000	FAHU-VF1250	FAHU-VF1500	FAHU-VF1750	FAHU-VF2000	FAHU-VF2250	FAHU-VF2500	FAHU-VF2750	FAHU-VF3000
Manufacturer Model		VRV IV C-Series	VRV IV Series	VRV IV Series	VRV IV Series	VRV IV Series	VRV IV+ Series	VRV IV Series	VRV IV+ Series	VRV IV Series	VRV IV+ Series
Model Code		FXQ6ARYFK	FXYTQ8U7YF	FXYTQ10U7YF	FXYTQ10U7YF	FXYTQ12U7YF	FXYTQ14U7YF	FXYTQ14U7YF	FXYTQ16U7YF	FXYTQ16U7YF	FXYTQ16U7YF
Qty		1	1	1	1	1	1	1	1	1	1
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Power Supply		380-415V/50Hz									
Cooling Capacity (1)	KW	14.40	23.50	26.00	29.00	36.90	39.20	40.60	42.40	44.90	45.80
Rated Power Input (4)	KW	5.10	6.75	8.51	8.51	9.80	11.33	11.33	11.33	12.79	12.79
Minimum Circuit Amps (MCA) (5)	A	16.1	16.1	22.0	22.0	24.0	27.0	27.0	27.0	31.0	31.0
Maximum Fuse Amps (MFA) (6)	A	20.0	20.0	25.0	25.0	32.0	32.0	32.0	32.0	40.0	40.0
Sound Pressure Level	dBA	56	57	59	59	61	61	61	61	64	64
Compressor	Type	Hermetically Sealed Scroll Compressor (Inverter)									
	Qty	1	1	1	1	1	1	1	1	1	1
Fan	Type	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan
	Qty	1	1	1	1	2	2	2	2	2	2
Fan Discharge Direction		Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Condenser	Type	Cross Fin Coil									
	Fin Treatment	Blue Fin Coating									
Dimension	Height (mm)	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685
	Width (mm)	930	930	1,240	1,240	1,240	1,240	1,240	1,240	1,240	1,240
	Depth (mm)	765	765	765	765	765	765	765	765	765	765
Weight	kg	165	198	234	234	234	283	283	283	283	283
Field Refrigerant Pipe Size	Liquid OD (mm)	9.52	9.52	9.52	9.52	12.7	12.7	12.7	12.7	12.7	12.7
	Gas OD (mm)	19.1	19.1	22.2	22.2	28.6	28.6	28.6	28.6	28.6	28.6

