



LFU SERIES

UNIVERSAL
FAN COILS
400 - 2000 CFM



TECHNICAL DATA

Unit Size			LFU 12	LFU 18	LFU 24	LFU 30	LFU 36	LFU 48	LFU 60	LFU 72
PERFORMANCE										
Nominal Air Volume	High Speed	CMH	680	1,020	1,360	1,530	2,040	2,720	3,400	3,400
		CFM	400	600	800	900	1,200	1,600	2,000	2,000
	Medium Speed	CMH	595	850	1,190	1,360	1,870	2,465	3,060	3,060
		CFM	350	500	700	800	1,100	1,450	1,800	1,800
	Low Speed	CMH	510	680	1,020	1,190	1,700	2,295	2,720	2,720
		CFM	300	400	600	700	1,000	1,350	1,600	1,600
Nominal Total Cooling Capacity		Btu/hr	12,000	18,000	24,000	30,000	36,000	48,000	60,000	72,000
		kW	3.52	5.28	7.03	8.79	10.55	14.07	17.58	21.10
Noise level	High Speed	dB(A)	48	48	50	50	53	57	58	58
	Medium Speed	dB(A)	47	47	48	48	50	55	56	56
	Low Speed	dB(A)	45	46	46	46	48	50	54	54
MOTOR										
Type			3-speed Permanent Split Capacitor Motor							
Motor Power Output		HP	1/20	1/15	1/10	1/10	1/15	1/10	1/8	1/8
Qty			1	1	1	2	2	2	2	2
Electrical Supply			220V/1ϕ/50Hz							
Poles			4							
FAN										
Type			Forward Curved Steel Impeller Centrifugal Fan							
Size			6 x 8	6 x 8	6 x 9	6 x 8	6 x 8	6 x 9	6 x 9	6 x 9
Qty			2	2	2	4	4	4	4	4
COIL										
Type			Seamless Copper Tube / Corrugated Aluminum Fin							
Number of Rows			2	2	3	3	3	3	4	4
Number of FPI			14	14	14	14	14	12	12	14
Tube			9.52mm O.D.							
Face Area		ft²	1.94	1.94	1.94	2.78	3.71	3.71	4.17	4.17
Connection			1/2"	1/2"	3/4"	3/4"	3/4"	1"	1"	1"
FRAME										
Casing			Powder coated Steel & High Strength Plastic							
Insulation			Polyethylene Foam - 5mm							
DRAIN PAN										
Material			Painted Steel							
Connection			3/4" O.D. Steel Pipe							
DIMENSION										
Depth		mm	245	245	245	245	245	245	245	245
Width		mm	1010	1010	1310	1310	1610	1910	1910	1910
Height		mm	616	616	616	616	616	616	616	616
Estimated Weight		kg	50	51	59	60	80	82	90	92