

# WONGSO FANCOIL UNIT (WFCU) SPECIFICATION DATA



Model		FD 09	FD 12	FD 18	FD 24	FD 30	FD 40	FD 50	FD 60	
Cooling Capacity	Btu/h	9,000	12,000	18,000	24,000	30,000	36,000	50,000	60,000	
	kW	2.64	3.51	5.27	7.03	8.79	10.55	14.65	17.57	
	Kcal/h	2,268	3,024	4,536	6,049	7,561	9,073	12,601	15,122	
Airflow	CFM	300	400	600	800	1,000	1,200	1,600	2,000	
	m <sup>3</sup> /h	510	680	1,020	1,360	1,700	2,040	2,720	3,400	
Blower & Motor	Type	Direct Drive Centrifugal fan with 3 Speed motor								
	Wheel Size	Inch	6 x 8			6 x 9		6 x 8		6 x 9
	Quantity	Unit	2				4			
	Voltage	V / Ph / Hz	220 / 1 / 50							
	Power	HP	1/20		1/15		1/10		1/10	
	Rated Load Ampere	A	0.61		0.75		0.9		0.9	
	Quatity	Unit	1				2			
Coil Evaporator	Fin Type	Aluminum Louvered Fin								
	Application	Direct Expansion or Chilled Water								
	Row	Row	2		3					
	Water Flow (CW)	m <sup>3</sup> /h	0.44	0.71	0.9	1.45	1.73	2.27	2.88	3.38
	Face Area	m <sup>2</sup>	4.2	6.25	8.5	8.5	12.35	14.31	21.2	26.5
Refrigerant Pipe Connection (DX)	Suction	Inch	3/8	1/2		5/8		3/4		
	Liquid	Inch	1/4			3/8				1/2
Chilled Water Pipe Connection (CW)	Inlet	Inch (NPT)	3/4							
	Outlet	Inch (NPT)	3/4							
Dimension (L x W x H)	mm	950 x460 x250			1190 x460 x250		1550 x460 x250	1860 x460 x250		1920 x460 x300
Unit Weight	kg	22.5	23.5	26	32	37	42	46	52	

Nominal Cooling Capacity Conditions: Air Temp Ambient 35°C, Indoor 26.7°C DB, 19.5°C WB and Chilled Water In Temp 6°C, Chilled Water Out Temp 12°C

