

Specification for Ducted Blower Type ~ 50Hz

MODEL				FUD20B	FUD25B	FUD30B	FUD40B	
NOMINAL COOLING CAPACITY	Btu/h			75600	95000	125000	150000	
	W			22160	27840	36640	43960	
NOMINAL SENSIBLE COOLING CAPACITY	Btu/h			53700	69400	90000	106500	
	W			15740	20340	26380	31210	
NOMINAL HEATING CAPACITY (ENTERING WATER TEMP. = 50°C)	Btu/h			78000	97500	138000	170000	
	W			22860	28580	40450	49820	
NOMINAL TOTAL INPUT POWER	W			760	1800	1620	1910	
NOMINAL RUNNING CURRENT	A			3.49	7.84	3.33	4.03	
POWER SOURCE	V/Ph/Hz			220-240 / 1 / 50		380-415 / 3 / 50		
REFRIGERANT TYPE				N/A				
CONTROL	AIR DISCHARGE OPERATION			DUCTED				
				WITHOUT CONTROLLER				
AIR FLOW	HIGH		CFM	2500	3200	4200	4600	
	MEDIUM		CFM	2100	3000	N/A	N/A	
	LOW		CFM	1750	2800	N/A	N/A	
EXTERNAL STATIC PRESSURE			Pa	100 / 72 / 50	100 / 80 / 60	230	230	
NOMINAL WATER FLOW RATE			USGPM	16.90	21.10	27.70	33.30	
			litres/min	64.00	80.00	105.00	126.00	
HEAD LOSS (COOLING)			kPa	34.5	42.0	48.8	53.3	
HEAD LOSS (HEATING) : 50°C			kPa	32.9	27.4	31.5	63.2	
MAX. WORKING PRESSURE			kPa	1608				
SURFACE AIR VELOCITY			m/s	2.19	2.80	1.96	2.15	
SOUND PRESSURE LEVEL			dBA	50/46/42	54/52/50	58	58	
UNIT DIMENSION		H X W X D	mm	572 x 1402 x 605		885 x 1540 x 850		
PACKING DIMENSION		H X W X D	mm	762 x 1605 x 880		1154 x 1787 x 1188		
UNIT WEIGHT			kg	92	102	176	189	
CONDENSATE DRAIN SIZE			mm	19.05				
PIPE CONNECTION			mm	28.58				
INDOOR UNIT	FAN	TYPE		BLOWER				
		DRIVE		DIRECT		BELT		
		FAN SPEED	HIGH	RPM	835	950	707	707
			MEDIUM	RPM	720	885	N/A	N/A
LOW	RPM		615	805	N/A	N/A		
FAN MOTOR	TYPE		INDUCTION					
	INDEX OF PROTECTION (IP)			IP22				
	INSULATION GRADE			B				
	RATED INPUT POWER	HIGH	W	760	1800	1620	1910	
		MEDIUM	W	611	1620	N/A	N/A	
		LOW	W	478	1320	N/A	N/A	
	RATED RUNNING CURRENT	HIGH	A	3.49	7.84	3.33	4.03	
		MEDIUM	A	2.86	7.06	N/A	N/A	
		LOW	A	2.32	5.82	N/A	N/A	
	STARTING CURRENT			A	5.20	10.30	24.00	29.00
MOTOR OUTPUT			W	375	500	1500	2200	
POLES				6	4	4	4	
COIL	TUBE	MATERIAL		COPPER				
		DIAMETER		mm	9.53			
	FIN	MATERIAL		ALUMINIUM				
		FACE AREA		m <sup>2</sup>	0.54	0.54	1.01	1.01
	ROW			3	4	3	4	
WATER VOLUME			litre	4.53	6.27	8.14	11.63	
AIR QUALITY	FILTER	TYPE		N/A				
		QUANTITY		pc	N/A			
CASING			COLOUR	IVORY				

MODE	COOLING	HEATING
ENTERING AIR TEMPERATURE	27°C DB / 19°C WB	20°C DB
ENTERING WATER TEMPERATURE	7°C	50°C (2 Pipes System) 70°C (4 Pipes System)
LEAVING WATER TEMPERATURE	12°C	45°C (2 Pipes System) 60°C (4 Pipes System)

ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.  
NOTE: ALSO AVAILABLE FOR LEFT/RIGHT PIPING.