Ducted Blower Type





- Excellent Air Distribution
- 4 Useable Fan Speed*
- Easy To Service
- Fire-Resistant Polysthylene Insulation
- Left/Right Piping Option
- Cabinet Construction
- High External Static Pressure Range
- ChangeableDrive Package*
- Onvertible Air Throw Direction*
- High CFM Range



Excellent Air Distribution

The air can be distributed evenly to every corner of the room through ducting. This not only presents a confortable environment, it also enables the installation of multiple area by using only one fan coil unit.



4 Useable Fan Speed*

Each speed offers different external static pressure and air flow which enhances flexibility

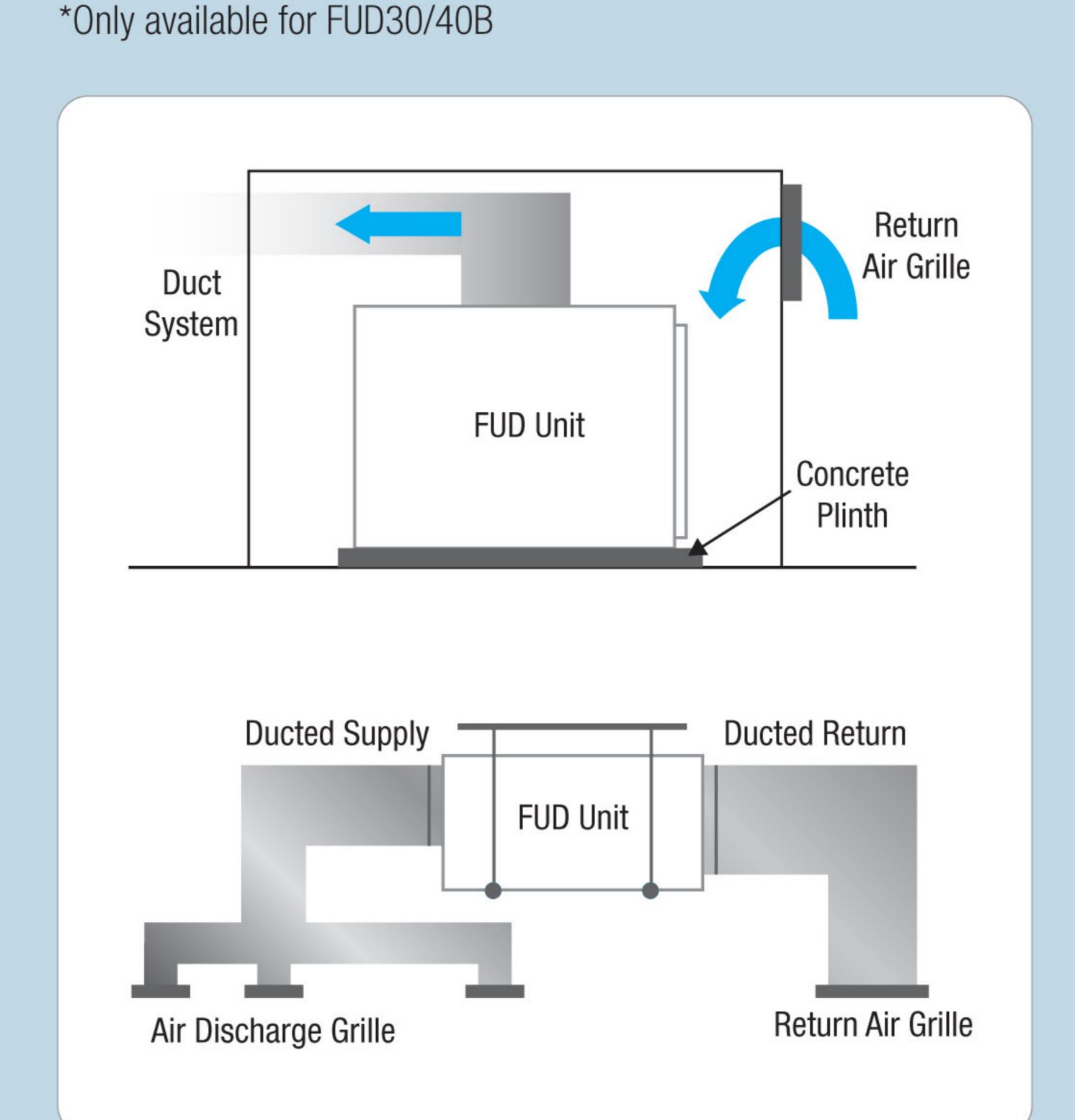
*Only available for FUD20/25B

High CFM Range

From 20kW to 40kW and 2500CFM to 4600CFM.

Convertible Air Throw Direction*

Convertible discharge air direction (vertical or horizontal air throw) provides flexibility in installation at site



High External Static Pressure Range

Available up to 2256Pa for high static application like the ducting application

Cabinet Construction

It is coated with weatherproofed electro galvanized mild steel casing, with an epoxy is coated with an epoxy polyester powder costing for sever external conditions.

Service panel is available at the convenience side as well.

Left / Right Piping option

For flexible installation and application at site.

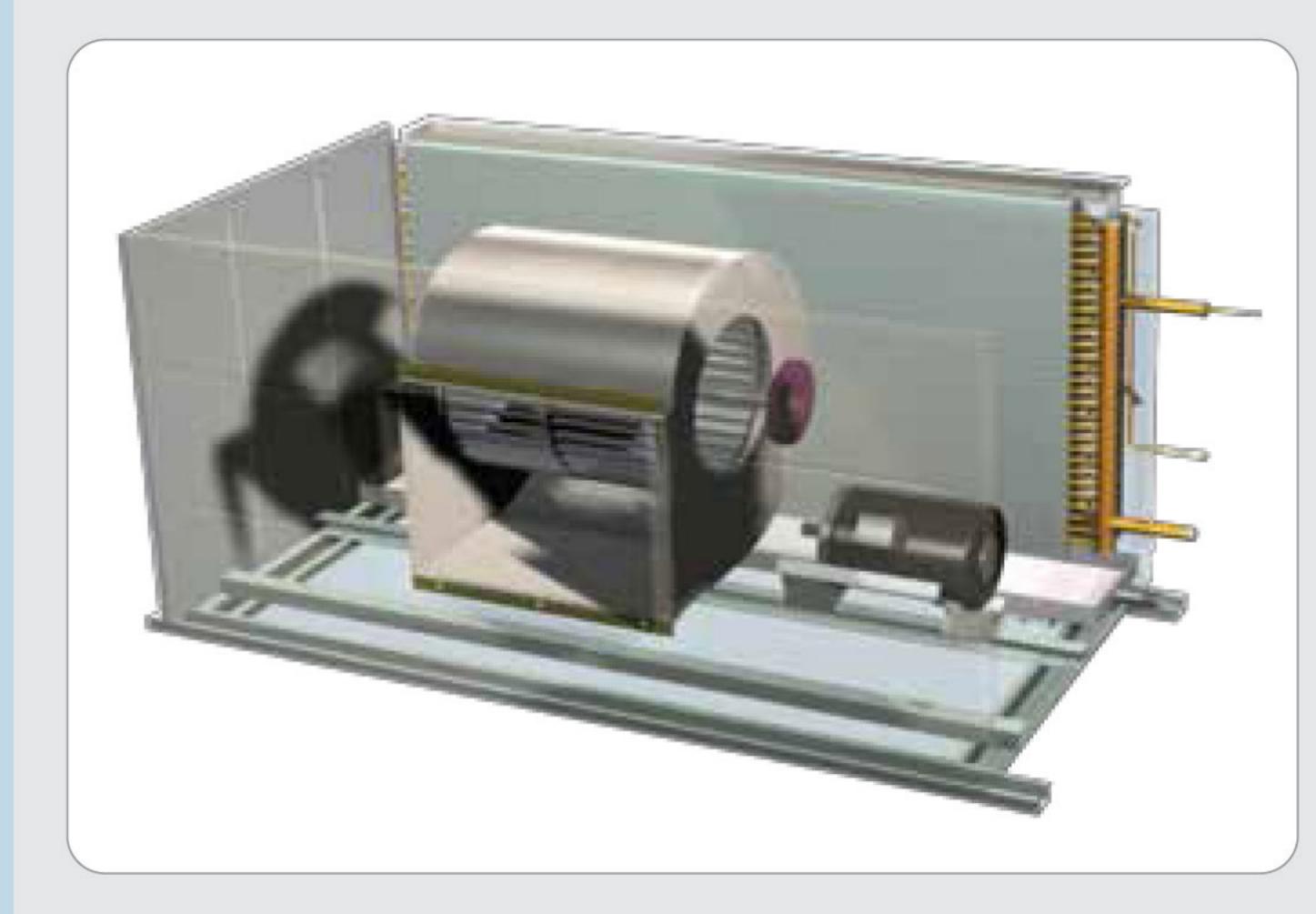
Fire-Resistant

Polyrethylene (PE) insulation is used at every possible condensate panel to prevent all forms of water or moisture penetration. Polyethylene, which is also a type of Closed Cell Foam (CCF) insulation has offered the following advantages:

- Durable external surface that resists tough dirt and resilient.
- Higher degree of punsture resistance when compared to fiberglass.
- Easily cleaned surface (if necessary) to further resist microbial growth.

Changable Drive Package*

Changeable belt driven package offers flexibility in customizing project based according to application *Only available for FUD30/40B



Easy To Service

There is a service way allocated at the bottom for servicing available for FUD20/25B

Specification for Ducted Blower Type ~ **50Hz**

MODEL						FUD20B	FUD25B	FUD30B	FUD40B	
NOMINIAL COOLING CARACITY					Btu/h	75600	95000	125000	150000	
NOMINAL COOLING CAPACITY NOMINAL SENSIBLE COOLING CAPACITY					W	22160	27840	36640	43960	
					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	
IOMINAL RUNNING CURRENT A					А	3.49	7.84	3.33	4.03	
POWER SOURCE V/Ph/H					V/Ph/Hz	220-240 / 1 / 50 380-415 / 3 / 50				
FRIGERA	NT TYPE	Ε					N	Ά		
CONITE	201	AIR DISCHARGE				DUCTED				
CONTF	NOL	OPERATION				WITHOUT CONTROLLER				
		HIGH			CFM	2500	3200	4200	4600	
AIR FLO	OW	MEDIUM			CFM	2100	3000	N/A	N/A	
		LOW			CFM	1750	2800	N/A	N/A	
EXTER	EXTERNAL STATIC PRESSURE				Pa	100 / 72 / 50	100 / 80 / 60	230	230	
NIONAINI	NONAINIAL MAATED ELOMA DATE				USGPM	16.90	21.10	27.70	33.30	
INOIVIIN	NOMINAL WATER FLOW RATE				litres/min	64.00	80.00	105.00	126.00	
HEAD L	HEAD LOSS (COOLING)				kPa	34.5	42.0	48.8	53.3	
HEAD L	HEAD LOSS (HEATING) : 50°C				kPa	32.9	27.4	31.5	63.2	
MAX. V	MAX. WORKING PRESSURE				kPa		16	08		
SURFA	SURFACE AIR VELOCITY				m/s	2.19	2.80	1.96	2.15	
SOUNE	SOUND PRESSURE LEVEL				dBA	50/46/42	54/52/50	58	58	
UNIT D	UNIT DIMENSION H X W X D				mm	572 x 140	02 x 605	885 x 1540 x 850		
PACKIN	PACKING DIMENSION H X W X D				mm	762 x 1605 x 880 1154 x 1787 x 1188			87 x 1188	
UNIT W	UNIT WEIGHT				kg	92	102	176	189	
CONDE	CONDENSATE DRAIN SIZE				mm		19.	05		
PIPE C	PIPE CONNECTION mr				mm	28.58				
		TYPE				BLOWER				
		DRIVE				DIRECT				
FAN		FAN SPEED		HIGH	RPM	835	950	707	707	
				MEDIUM	RPM	720	885	N/A	N/A	
5				LOW	RPM	615	805	N/A	N/A	
		TYPE			INDUCTION					
		INDEX OF PROTECTION (IP)				IP22				
		INSULATION GRADE					E	3		
		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	
FAN M	AN MOTOR	RATED RUNNING CURRENT		HIGH	А	3.49	7.84	3.33	4.03	
				MEDIUM	А	2.86	7.06	N/A	N/A	
				LOW	А	2.32	5.82	N/A	N/A	
		STARTING CURRE		RENT	А	5.20	10.30	24.00	29.00	
		MOTOR OUTPUT			W	375	500	1500	2200	
		POLES				6	4	4	4	
	OIL	TUDE	MATERIAL			COPPER				
		TUBE	DIAMETE	R	mm	9.53				
00"		FIN	MATERIAL			ALUMINIUM				
COIL			FACE AREA		m²	0.54	0.54	1.01	1.01	
			ROW			3	4	3	4	
			NATER VOLUME		litre	4.53	6.27	8.14	11.63	
			TYPE			N/A				
AIR QUALITY		HILTER	QUANTITY		рс	N/A				
1					COLOUR		IVO			

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.