

Super Slim Ceiling Mounted Air Handling Unit LFPS Series LFPS40

Model Number Configuration

LFPS40-4+1: 4 + 1Row Super Slim Ceiling Mounted

LFPS40-6+1: 6 + 1Row Super Slim Ceiling Mounted

PERFORMANCE DATA

RETURN AIR

Model	Air Flow	4 Rows Cooling				1 Row Heating			External Excess Pressure			Motor Power			Weight
		Total	Sensible	Water Flow	Water Resistance	Rated Heating	Water Flow	Water Resistance	I	II	III	I	II	III	
		l/s	kW	kW	l/s	kPa	kW	l/s	kPa	Pa	Pa	Pa	kW	kW	
LFPS40-4+1	1111	26.0	18.0	1.2	35.9	14.4	0.3	4.8	190	270	400	0.8	0.8	1.1	145.9
LFPS40-6+1	1111	31.5	20.9	1.5	24.4	14.4	0.3	4.8	140	210	340	0.8	0.8	1.1	175.9

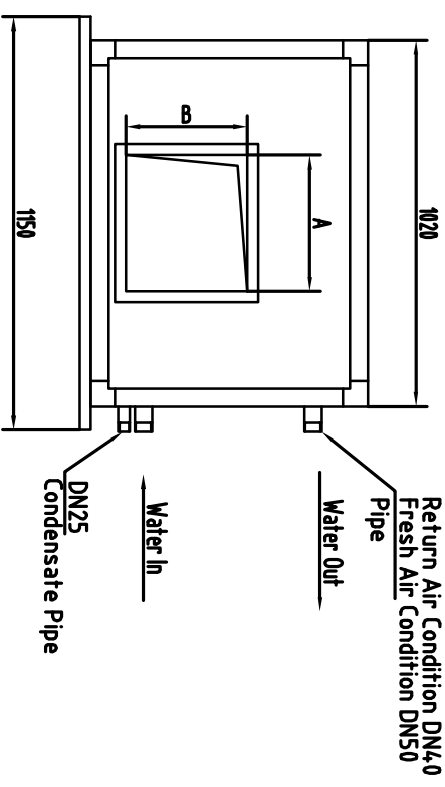
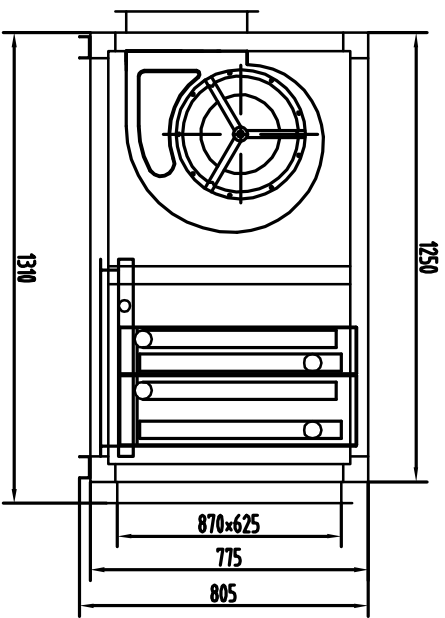
Notes for Return Air:

1. Cooling: The water in/out temp. is 7°C/12°C; the air in temp. is 27°C DB / 19.5°C WB
2. Heating: The water in temp. is 80°C / 50°C; the air in temp. is 21°C DB..
3. The motor power offered is the motor output power.
4. The above performance is for reference only. Different air and water conditions would lead to different cooling capacity.

SPECIFICATION


- **Coil:**
LFPS010W-LFPS 120W : ϕ 9.52mm, copper tube, aluminium fins
LFPS135W-LFPS 300W: ϕ 12.7mm, copper tube, aluminium fins
- **Fan and motor:**
LFPS 010W-LFPS025W: direct driven, forward curved centrifugal fan|
LFPS 030W-LFPS 300W: belt driven, forward curved centrifugal fan
- **Filter: 15mm panel filter**
- **Cabinet: 25mm thick double skinned panel**
- **Drip-tray: powder painting steel sheet**

Diagrams of: LFPS 040



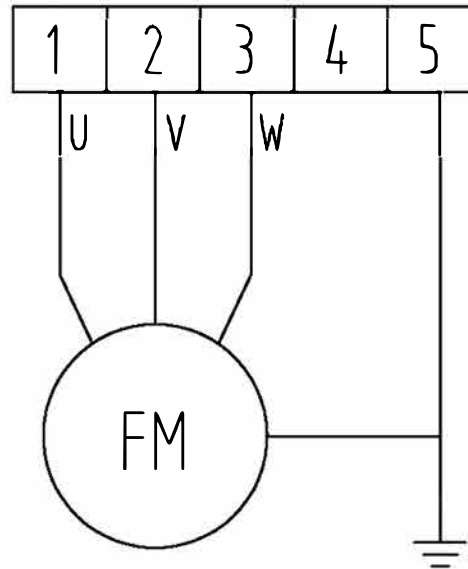
Air Flow U/s	1111					
External Overbottom Pressure Pa	190	140	270	210	400	340
Coil Rows: Cooling+Heating	4+1	6+1	4+1	6+1	4+1	6+1
Fan Model(Drive Type)	KDF3.15WS(Direct drive)		KDF3.35WS(Direct drive)		KDF2.8WS(Direct drive)	
Air Spigot Size: AxB mm	325x338		380x331		310x275	
Motor Power-Pole	0.8KW-6		0.8KW-6		1.0KW-4	
A FLA	2.2A		2.2A		2.55A	
Voltage	415V/3PH/50HZ					
Coil Diameter mm/Fins: lengthxwidth mm	3/8"(ø9.52)/750x610(tube no:24)					
Filter: lengthxwidthx thickness mm/quantity	4.31x617x15/2					

Note: The unit shown is of left hand type.

DRAWN BY: GUO JINGPENG		DATE: 24/02/2012		 TITLE: Water Cooled Fan Coil Unit LFPS TYPE	
APPROVED D.A.: WU MEIJUN		APPROVED ENG.: ZHANG JINGFEI			
MODEL: LFPS 040	DRANG NO.: 01	ISSUE: 01	SHEET SIZE: A4		

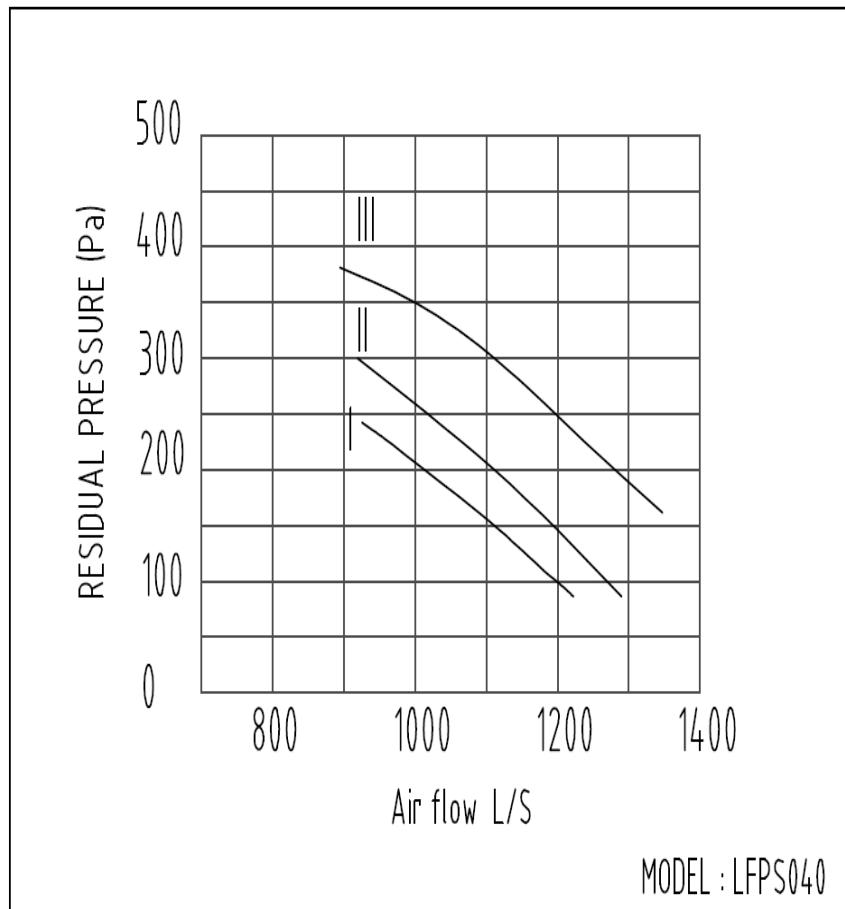
Wiring Diagram


415V/3Ph/50Hz



Super Slim Ceiling Mounted *Air Handling Unit* LFPS40

FAN CURVE



DRAWN BY: GUO JINGPENG	DATE: 13/11/2019		
APPROVED D.A.: WU MEIJUN	APPROVED ENG.: ZHANG JINGFEI	TITLE:Water Cooled Fan Coil Unit LFPS TYPE	
MODEL: LFPS040	DRAWING NO.: 01	ISSUE: 01	SHEET SIZE: A4

Super Slim Ceiling Mounted *Air Handling Unit* LFPS40

NOISE CURVE

