

Super Slim Ceiling Mounted Air Handling Unit LFPS Series LFPS25

Model Number Configuration

LFPS25-4+1: 4 + 1 Row Super Slim Ceiling Mounted

LFPS25-6+1: 6 + 1 Row 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	
LFPS25-4+1	694	16.2	11.2	0.8	23.6	9.1	0.2	3.2	—	—	190	—	—	0.32	115.6
LFPS25-6+1	694	19.6	13.1	0.9	16.1	9.1	0.2	3.2	—	—	230	—	—	0.45	125.6

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.

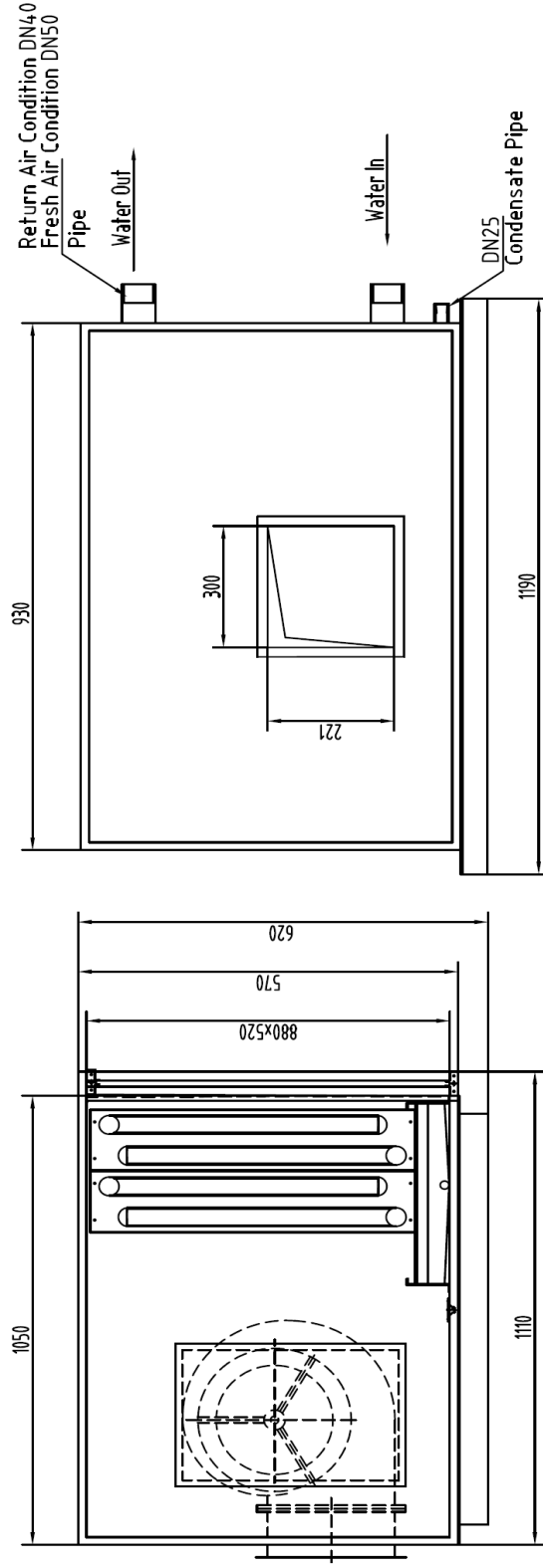
SPECIFICATION

- **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**

LFPS Series Super Slim Ceiling Mounted


LFPS25

Diagrams of: LFPS 025A

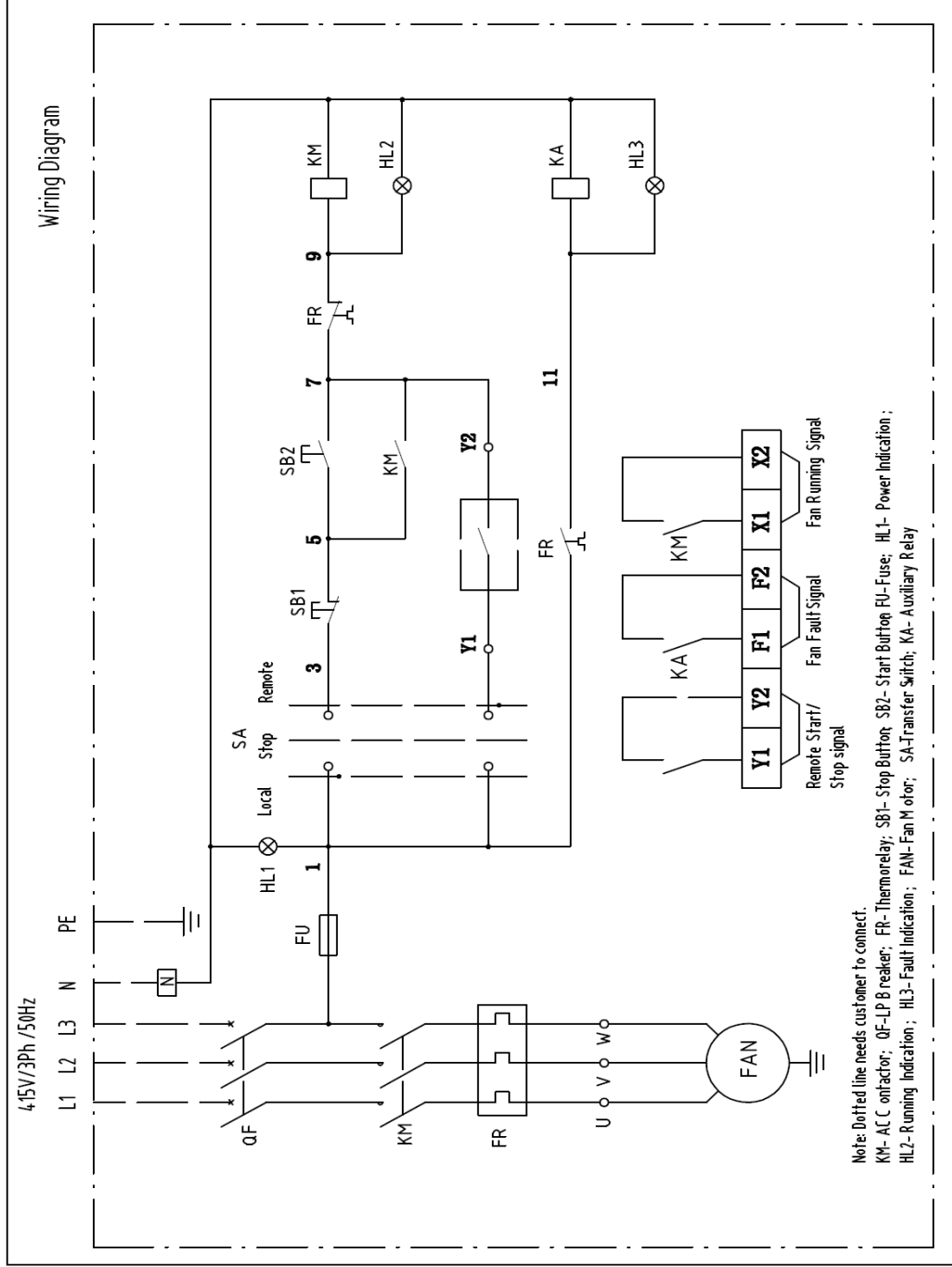


Air Flow l/s.	190	694
External Overbottom Pressure Pa	4+1	230
Coil Rows: Cooling+Heating	0.32KW-4	6+1
Fan Model (Drive Type)	1.0A	KDF7.25WS(Direct Drive)
Motor Power-Pole	4.15V/30ph/50HZ	0.45KW-4
A FLA	ø9.52/670x457	1.2A
Voltage	440x514x15/2	
Coil Diameter mm/ Fins Length x width mm		
Filter: Length x width x thickness mm/ quantity		

Note: The unit shown is of left hand type.

DRAWN BY: GUO JINGPENG	DATE: 23/04/2010			
APPROVED O.A.: WU MEIJUN	APPROVED ENG.: ZHANG JINGFEI			
MODEL: LFPS 025A		DRANG NO.: 01	ISSUE: 01	SHEET SIZE: A4
TITLE: Water Cooled Fan Coil Unit		LFPS TYPE		

Direct starting type (motor power≤15W)

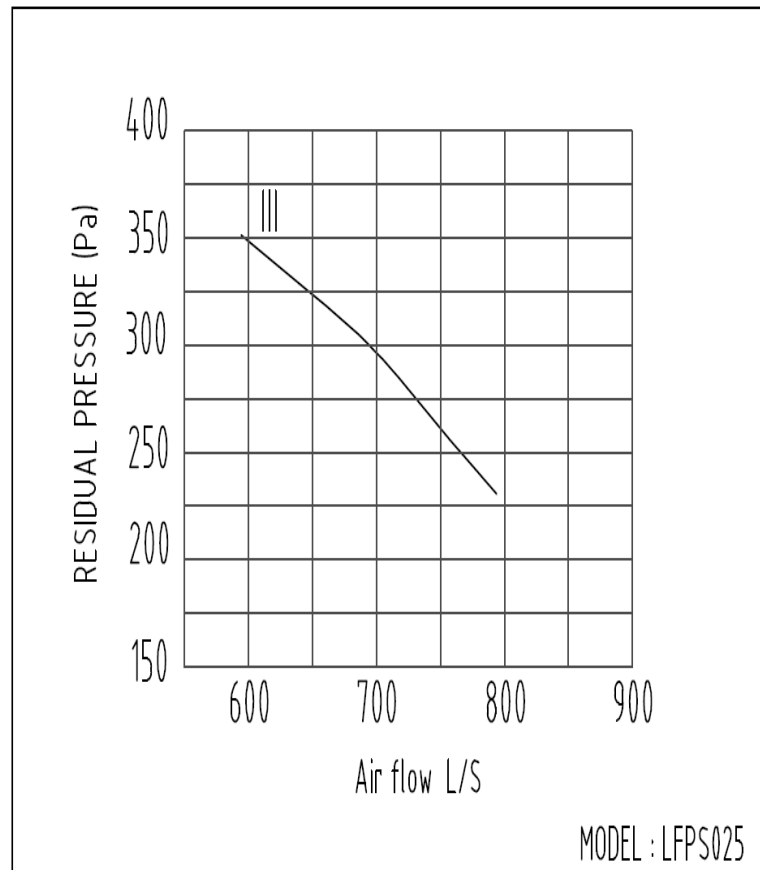



DRAWN BY: GUO JINGPENG	DATE: 10/11/2009	DUNN AIR
APPROVED Q.A.: WU MEIJUN	APPROVED ENG.: ZHANG JINGFEI	
MODEL: LFPS010-270	DRAWING NO.: 01	TITLE:Water Cooled Fan Coil Unit LFPS TYPE
	ISSUE: 01	SHEET SIZE: A4

Super Slim Ceiling Mounted

LFPS Series LFPS25

FAN CURVE

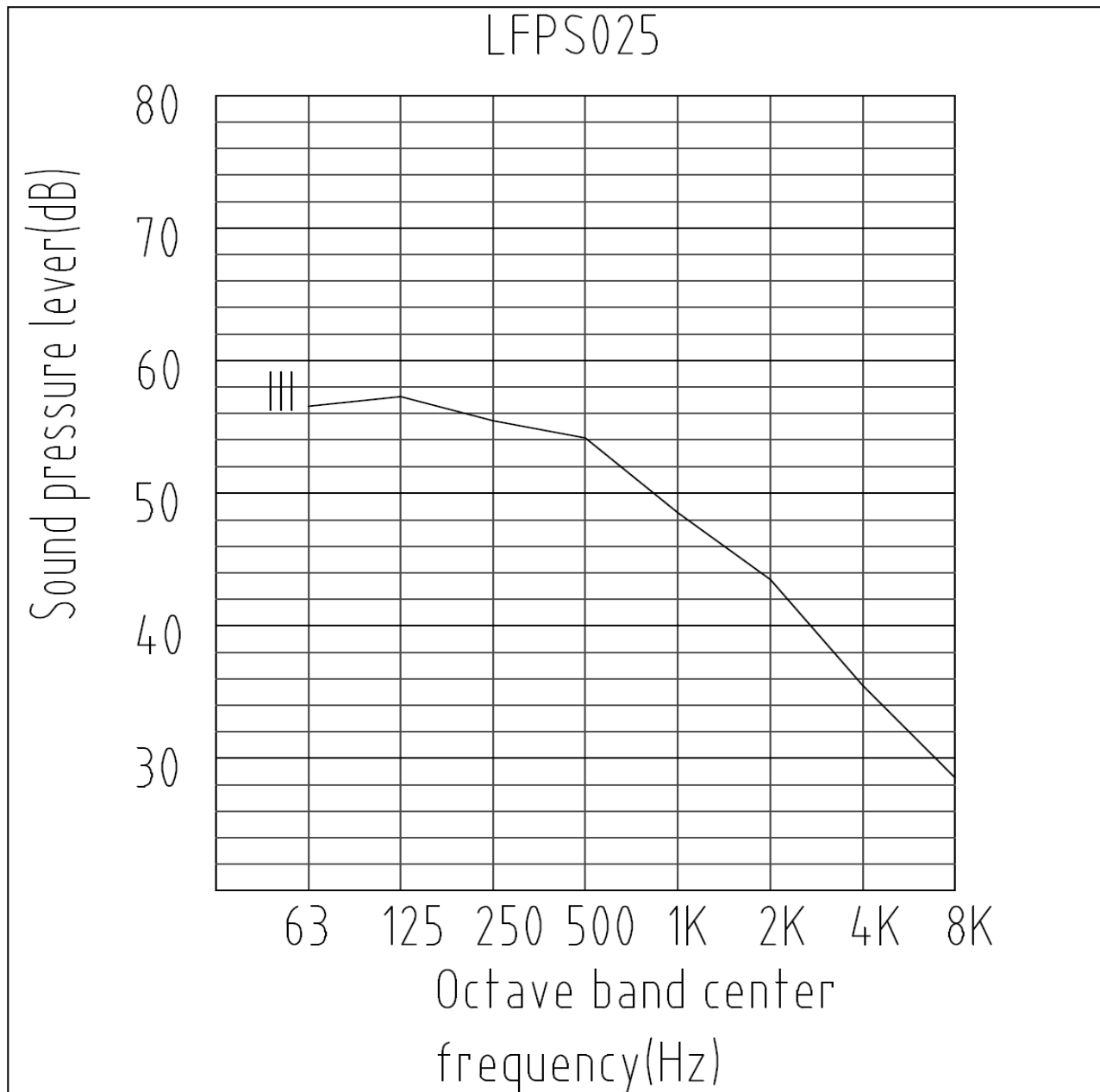



DRAWN BY: GUO JINSPENG	DATE: 13/11/2019		
APPROVED O.A: WU MEIJUN	APPROVED ENG: ZHANG JINFEI	TITLE:Water Cooled Fan Coil Unit LFPS TYPE	
MODEL: LFPS025	DRAWING NO.: 01	ISSUE: 01	SHEET SIZE: A4

Super Slim Ceiling Mounted

LFPS Series LFPS25

NOISE CURVE



DRAWN BY: GUO JINGPENG	DATE: 14/11/2009		
APPROVED Q.A.: WU MEIJUN	APPROVED ENG.: ZHANG JINGFEI	TITLE:Water Cooled Fan Coil Unit LFPS TYPE	
MODEL: LFPS025	DRAWING NO.: 01	ISSUE: 01	SHEET SIZE: A4