

Packaged Air Handling Unit

LSFP Series

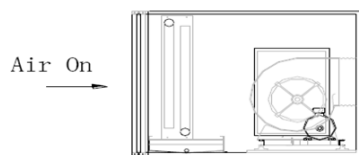
LSFP80

Model Number Configuration

LSFP80-WI-4+1 :	4 + 1 Row: Horizontal Model: Horizontal air discharge
LSFP80-WII-4+1 :	4 + 1 Row: Horizontal Model: Vertical air discharge
LSFP80-AWI-4+1 :	4 + 1 Row: Horizontal Model: Horizontal air discharge with fan turn 180°
LSFP80-AWII-4+1:	4 + 1 Row: Horizontal Model: Vertical air discharge with fan turn 180°
LSFP80-WI-6+1 :	6 + 1 Row: Horizontal Model: Horizontal air discharge
LSFP80-WII-6+1 :	6 + 1 Row: Horizontal Model: Vertical air discharge
LSFP80-AWI-6+1 :	6 + 1 Row: Horizontal Model: Horizontal air discharge with fan turn 180°
LSFP80-AWII-6+1:	6 + 1 Row: Horizontal Model: Vertical air discharge with fan turn 180°

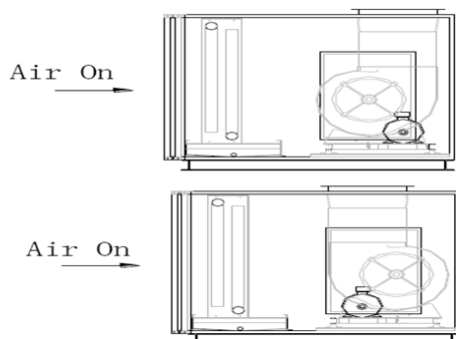
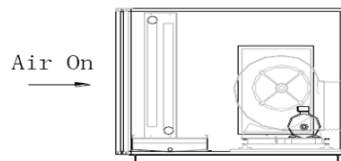
WI

*Horizontal Model with
Horizontal air discharge*



AWI

*Horizontal Model with
fan turn 180° and
Horizontal air discharge*



WII

*Horizontal Model with
Vertical air discharge*

AWII

*Horizontal Model with
fan turn 180° and
Vertical air discharge*

Packaged Air Handling Unit *Horizontal Model*

LSFP80

PERFORMANCE DATA

RETURN AIR

Model	R o w	Air Flow	4 Rows Cooling				1 Row Heating			External Excess Pressure			Motor Power			Unit Weight	
			Total	Sensible	Water Flow	Water Resistance	Rated Heating	Water Flow	Water Resistance	I	II	III	I	II	III	Horizontal	Vertical
			l/s	kW	kW	l/s	kPa	kW	l/s	kPa	Pa	Pa	Pa	kW	kW	kW	kg
LSFP80-4+1	4 + 1	2222	50.8	35.5	2.4	20.4	31.8	0.8	23.8	180	250	350	1.5	2.2	3	288	307
LSFP80-6+1	6 + 1	2222	61.6	41.3	2.9	14.1	31.8	0.8	23.8	180	250	350	2.2	3	3	328	359

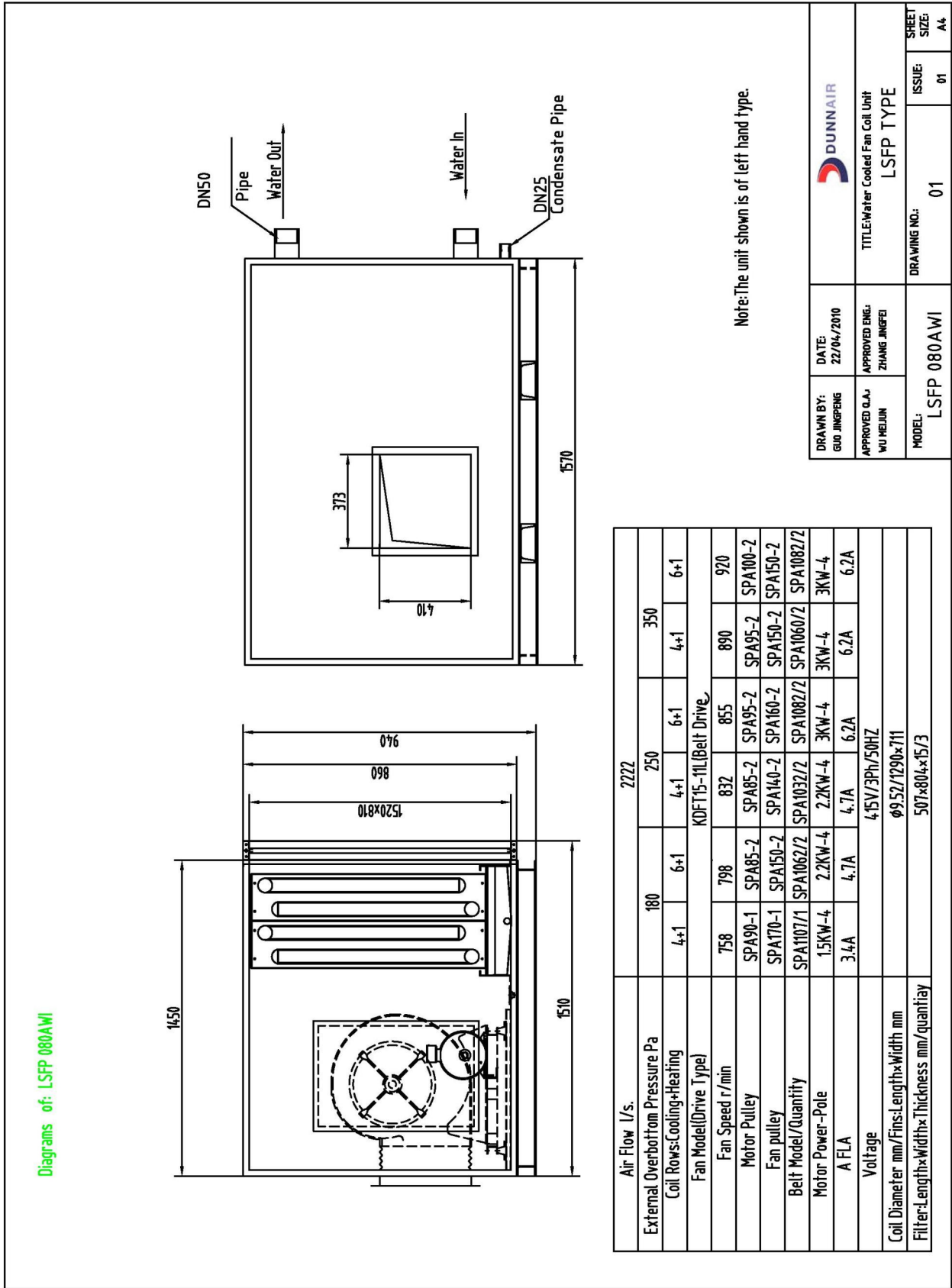
Notes for Return Air:

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/out temp. is 60°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:**
LSFP010W-LSFP 120W : ϕ 9.52mm, copper tube, aluminium fins
LSFP135W-LSFP 300W: ϕ 12.7mm, copper tube, aluminium fins
- **Fan and motor:**
LSFP 010W-LSFP 025W: direct driven, forward curved centrifugal fan
LSFP 030W-LSFP 300W: belt driven, forward curved centrifugal fan
- **Filter: 15mm panel filter**
- **Cabinet: 25mm thick double skinned panel**
- **Drip-tray: powder painting steel sheet**

Packaged Air Handling Unit -Horizontal Model LSPFP80



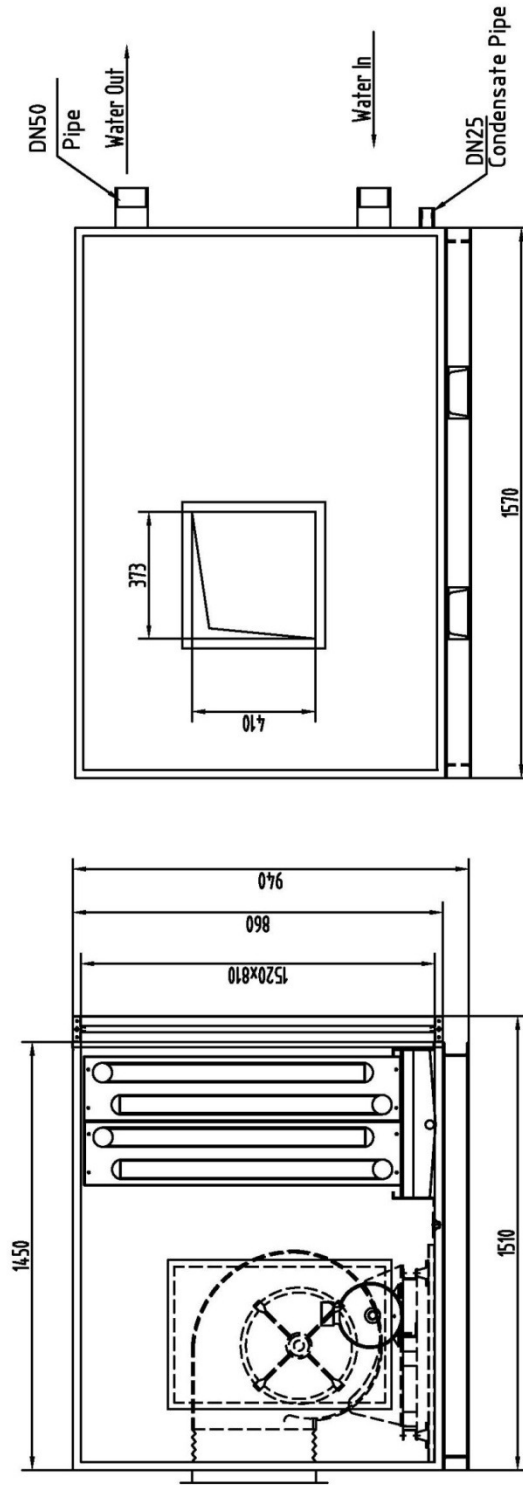
Note: The unit shown is of left hand type.

Air Flow U/s.	2222		350	
External Overbottom Pressure Pa	180	250	4+1	6+1
Coil Rows: Cooling+Heating	4+1	6+1	4+1	6+1
Fan Model (Drive Type)	KDFT15-11L (Belt Drive)			
Fan Speed r/min	758	798	832	855
Motor Pulley	SPA90-1	SPA85-2	SPA95-2	SPA100-2
Fan pulley	SPA170-1	SPA150-2	SPA140-2	SPA160-2
Belt Model/Quantity	SPA1107/1	SPA1062/2	SPA1032/2	SPA1082/2
Motor Power-Pole	1.5KW-4	2.2KW-4	2.2KW-4	3KW-4
A FLA	3.4A	4.7A	4.7A	6.2A
Voltage	415V/3Ph/50HZ			
Coil Diameter mm/Fins: Length x Width mm	ø95.2/1290 x 711			
Filter- Length x Width x Thickness mm/quantity	507 x 804 x 15/3			

DRAWN BY: GUO JINGPENG	DATE: 22/04/2010	
APPROVED Q.A. WU HUIJUN	APPROVED ENG. ZHANG JINGFEI	
MODEL: LSPFP 080AWI	DRAWING NO.: 01	TITLE: Water Cooled Fan Coil Unit LSPFP TYPE
	ISSUE: 01	SHEET SIZE: A4


Packaged Air Handling Unit -Horizontal Model LSPFP80

Diagrams of: LSPFP 080WI



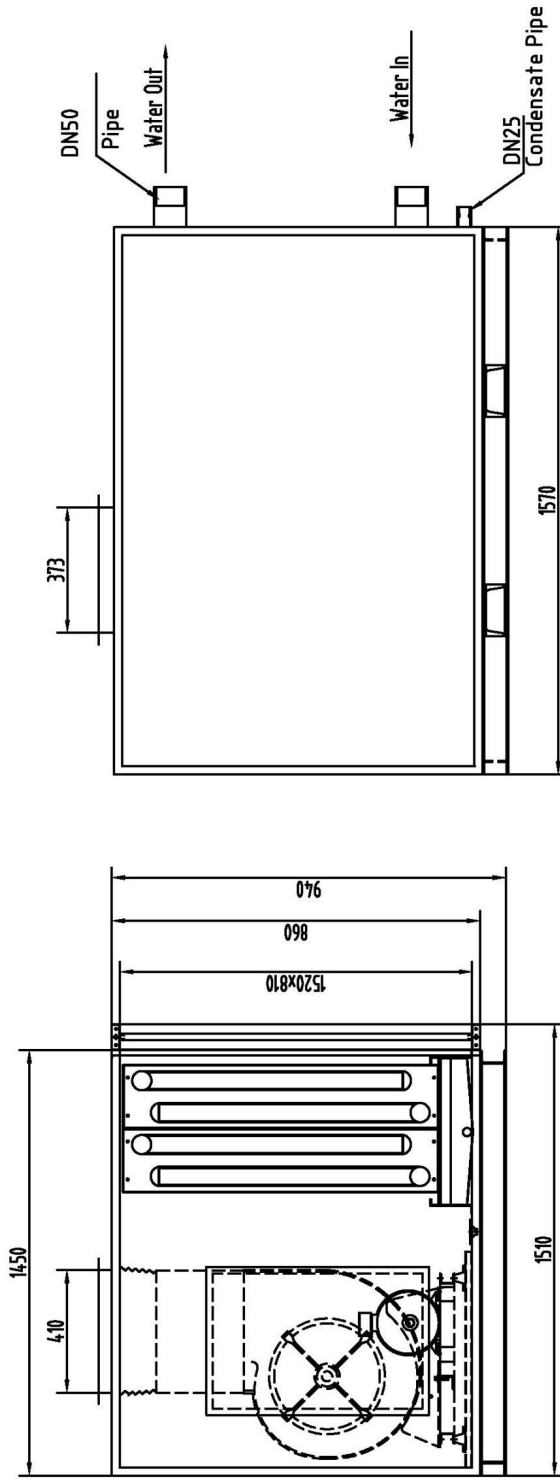
Note: The unit shown is of left hand type.

Air Flow l/s.	2222			
External Overbottom Pressure Pa	180	250	350	
Coil Rows: Cooling-Heating	4+1	6+1	6+1	6+1
Fan Model (Drive Type)	KDF15-11L (Belt Drive)			
Fan Speed r/min	758	798	832	855
Motor Pulley	SPA90-1	SPA85-2	SPA85-2	SPA95-2
Fan pulley	SPA170-1	SPA150-2	SPA140-2	SPA160-2
Belt Model/Quantity	SPA107/1	SPA1062/2	SPA1032/2	SPA1082/2
Motor Power-Pole	1.5KW-4	2.2KW-4	2.2KW-4	3KW-4
A FLA	3.4A	4.7A	4.7A	6.2A
Voltage	4.15V/3PH/50HZ			
Coil Diameter mm/Fins: length x width mm	φ9.52/1290 x 711			
Filter: Length x width x Thickness mm/quantity	507 x 804 x 15/3			

DRAWN BY: GUO JINGPENG	DATE: 22/04/2010	 TITLE: Water Cooled Fan Coil Unit LSPFP TYPE	DRAWING NO.: LSPFP 080WI	ISSUE: 01	SHEET SIZE: A4
APPROVED G.A.: WU HUIJUN	APPROVED ENG.: ZHANG JINGFEI				

Packaged Air Handling Unit -Horizontal Model LSFP80

Diagrams of: LSFP 080AWII



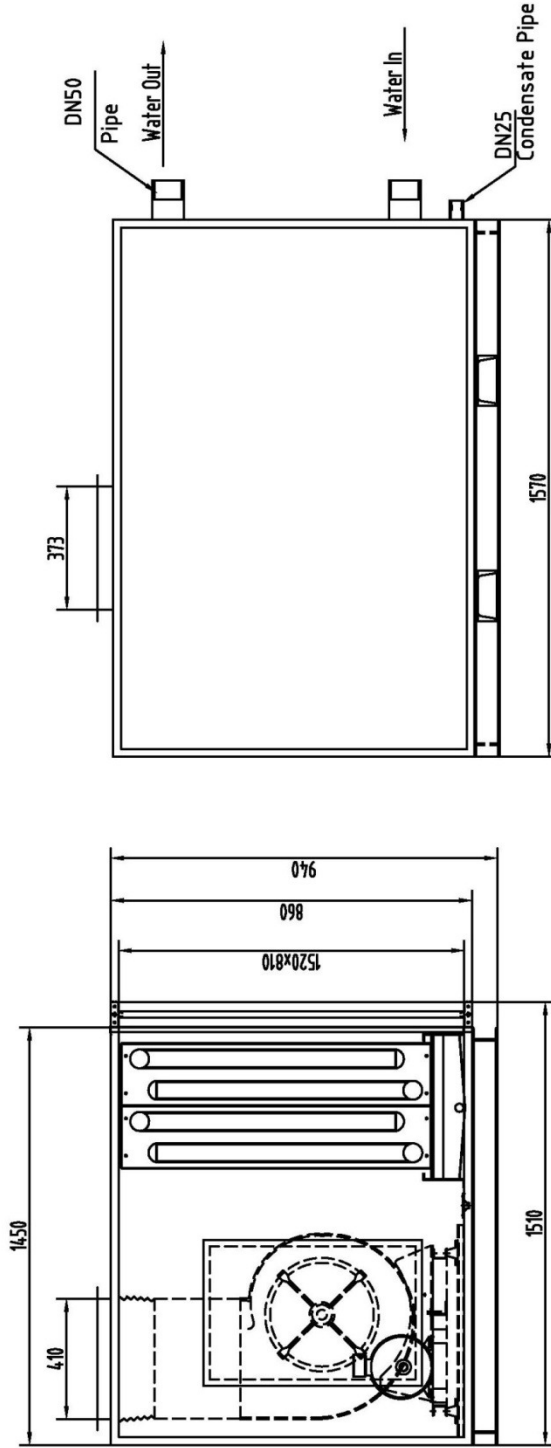
Note: The unit shown is of left hand type.

Air Flow l/s.	2222			
External Overbottom Pressure Pa	180	250	350	
Coil Rows: Cooling-Heating	4+1	6+1	4+1	6+1
Fan Model (Drive Type)	KDF15-11(Belt Drive)			
Fan Speed r/min	758	798	832	855
Motor Pulley	SPA90-1	SPA85-2	SPA95-2	SPA100-2
Fan pulley	SPA170-1	SPA150-2	SPA140-2	SPA150-2
Belt Model/Quantity	SPA1107/1	SPA1062/2	SPA1082/2	SPA1082/2
Motor Power-Pole	1.5KW-4	2.2KW-4	3KW-4	3KW-4
A FLA	3.4A	4.7A	4.7A	6.2A
Voltage	415V/3Ph/50HZ			
Coil Diameter mm/Fins:LengthxWidth mm	ø9.52/1290x711			
Filter:LengthxWidthxThickness mm/quantity	507x804x15/3			

DRAWN BY: GUO JINPENG	DATE: 22/04/2010	
APPROVED C.A.: WU MEIJUN	APPROVED ENGL: ZHANG JINGFENG	TITLE: Water Cooled Fan Coil Unit
MODEL: LSFP 080AWII	DRAWING NO.: 01	LSFP TYPE
	ISSUE: 01	SHEET SIZE: A4


Packaged Air Handling Unit -Horizontal Model LSPF8

Diagrams of LSPF 80WII



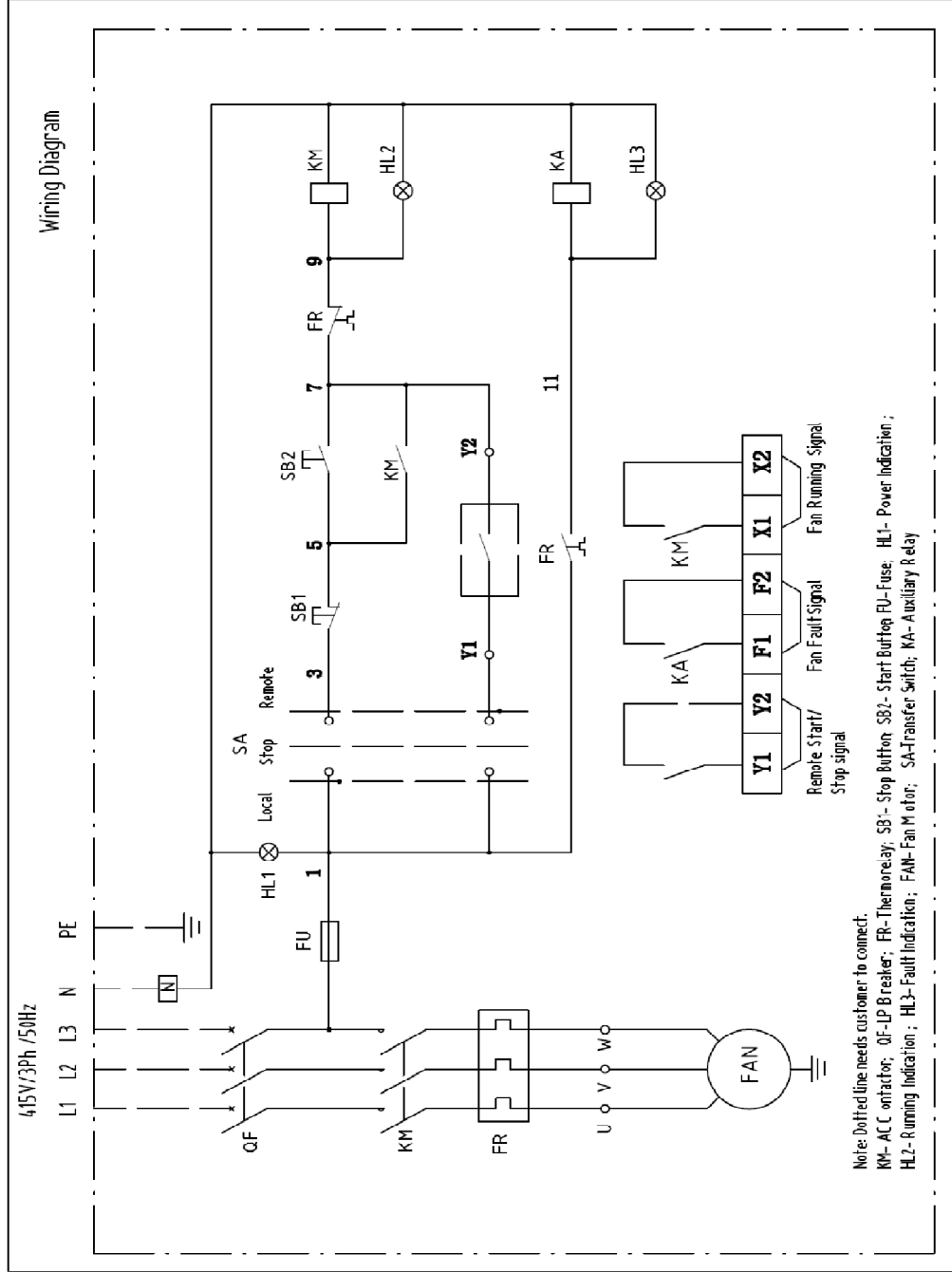
Note: The unit shown is of left hand type.

Air Flow l/s.	2222			
External Overbottom Pressure Pa	180	250	350	350
Coil Rows: Cooling-Heating	4+1	6+1	6+1	6+1
Fan Model (Drive Type)	KDF15-11L (Belt Drive)			
Fan Speed r/min	758	798	832	855
Motor Pulley	SPA90-1	SPA85-2	SPA95-2	SPA100-2
Fan pulley	SPA170-1	SPA150-2	SPA140-2	SPA150-2
Belt Model/Quantity	SPA1107/1	SPA1062/2	SPA1032/2	SPA1082/2
Motor Power-Pole	1.5KW-4	2.2KW-4	2.2KW-4	3KW-4
A FLA	3.4A	4.7A	4.7A	6.2A
Voltage	4.15V/3Ph/50HZ			
Coil Diameter mm/Fins:LengthxWidth mm	φ9.52/1290x711			
Filter:LengthxWidthxThickness mm/quantity	507x80x15/3			

DRAWN BY: GUO JINGPENG	DATE: 22/04/2010	 DUNNAIR
APPROVED D.A.: WU MEIJUN	APPROVED ENG.: ZHANG JINGFEI	
MODEL: LSPF 080WII	DRAWING NO.: 01	TITLE: Water Cooled Fan Coil Unit LSPF TYPE
	ISSUE: 01	SHEET: A4

Packaged Air Handling Unit -Horizontal Model LSFP80

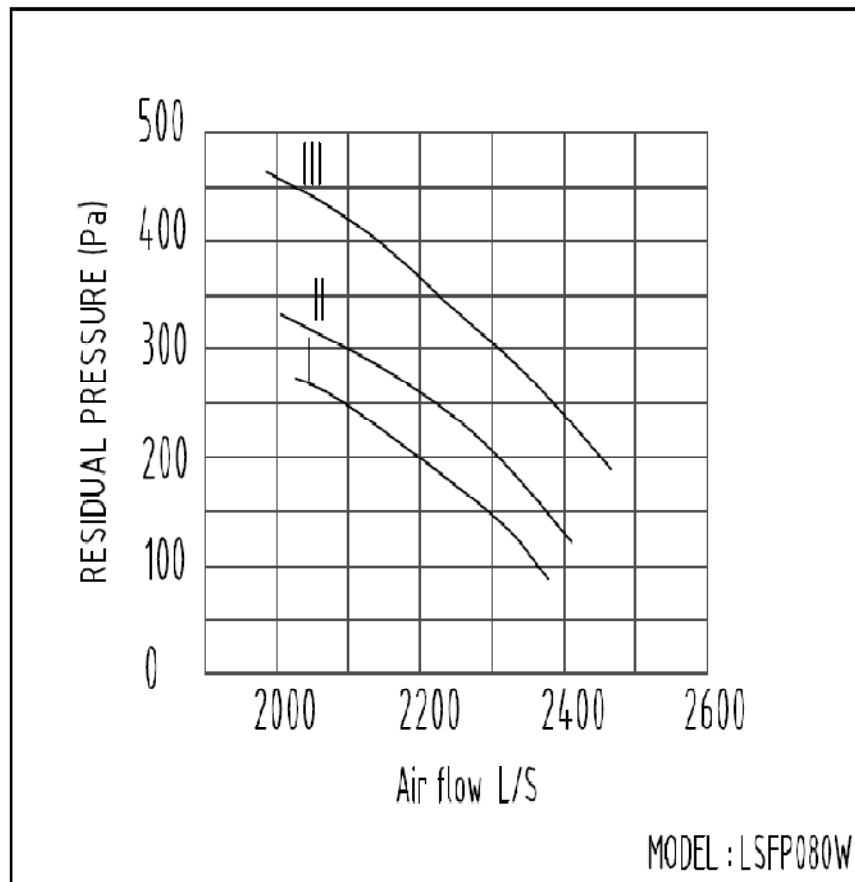
Direct starting type (motor power≤5W)



DRAWN BY: GUO JINGFENG	DATE: 18/11/2015	DUNNAIR TITLE:Water Cooled Fan Coil Unit LSFP TYPE	SHEET SIZE: A4
APPROVED U.A.: WU MEIJUN	APPROVED ENG.: ZHANG JINGFEI		ISSUE: Y1
MODEL: LSFP010-270	DRAWING NO.: 01		

Packaged Air Handling Unit *Horizontal Model* LSFP80

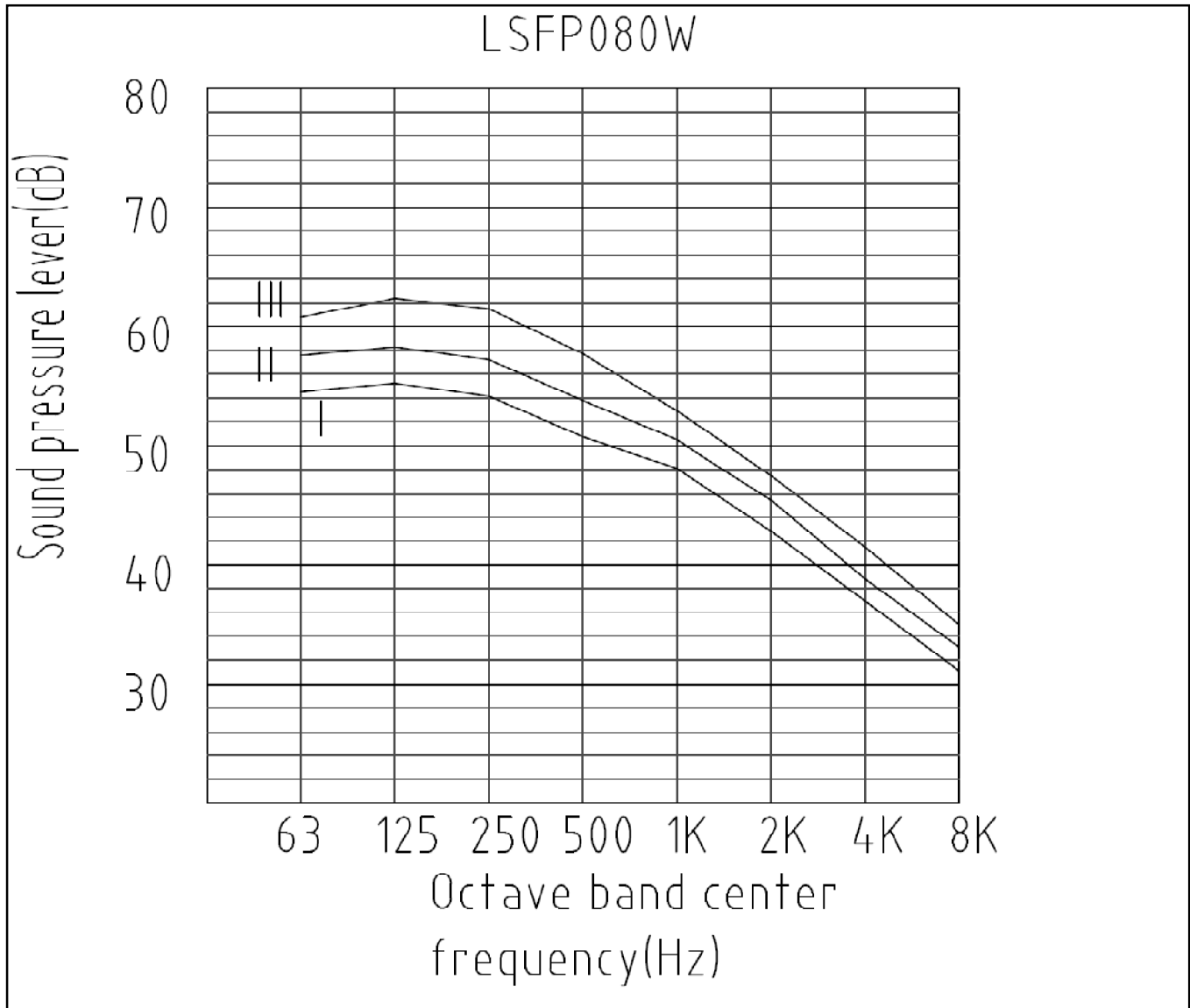
FAN CURVE




DRAWN BY: GUO JINPENG	DATE: 10/11/2009		
APPROVED D.A.: WU HUIJIAN	APPROVED ENG.: ZHANG JINPENG	TITLE: Water-Cooled Fan Coil Unit LSFP TYPE	
MODEL: LSFP080W	DRAWING NO.: 01	ISSUE: 01	SHEET SIZE: A4

Packaged Air Handling Unit *Horizontal Model* LSFP80

NOISE CURVE



DRAWN BY: GUO JINGPENG	DATE: 10/11/2009			
APPROVED Q.A.: WU MEIJUN	APPROVED ENG.: ZHANG JINGFEI	TITLE: Water Cooled Fan Coil Unit LSFP TYPE		
MODEL: LSFP080W		DRAWING NO.: 01	ISSUE: 01	SHEET SIZE: A4

Packaged Air Handling Unit

LSFP Series

LSFP80

Model Number Configuration

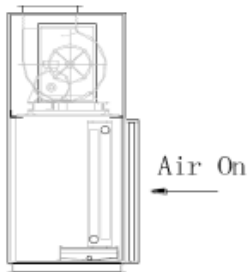
LSFP80-LI-4+1	:	4 + 1 Row: Vertical Model: Horizontal air discharge
LSFP80-LII-4+1	:	4 + 1 Row: Vertical Model: Vertical air discharge
LSFP80-ALI-4+1	:	4 + 1 Row: Vertical Model: Horizontal air discharge with fan turn 180°
LSFP80-ALII-4+1	:	4 + 1 Row: Vertical Model: Vertical air discharge with fan turn 180°
LSFP80-LI-6+1	:	6 + 1 Row: Vertical Model: Horizontal air discharge
LSFP80-LII-6+1	:	6 + 1 Row: Vertical Model: Vertical air discharge
LSFP80-ALI-6+1	:	6 + 1 Row: Vertical Model: Horizontal air discharge with fan turn 180°
LSFP80-ALII-6+1	:	6 + 1 Row: Vertical Model: Vertical air discharge with fan turn 180°



LI
*Vertical Model with
Horizontal air discharge*



ALI
*Vertical Model with
fan turn 180° and
Horizontal air
discharge*



LII
*Vertical Model with
Vertical air discharge*



ALII
*Vertical Model with
fan turn 180° and
Vertical air
discharge*

Packaged Air Handling Unit

Vertical Model LSFP80

PERFORMANCE DATA

RETURN AIR

Model	R O W	Air Flow	4 Rows Cooling				1 Row Heating			External Excess Pressure			Motor Power			Unit Weight	
			Total	Sensible	Water Flow	Water Resista nce	Rated Heating	Water Flow	Water Resista nce	I	II	III	I	II	III	Horizontal	Vertical
		l/s	kW	kW	l/s	kPa	kW	l/s	kPa	Pa	Pa	Pa	kW	kW	kW	kg	kg
LSFP80-4+1	4 + 1	2222	50.8	35.5	2.4	20.4	31.8	0.8	23.8	180	250	350	1.5	2.2	3	288	307
LSFP80-6+1	6 + 1	2222	61.6	41.3	2.9	14.1	31.8	0.8	23.8	180	250	350	2.2	3	3	328	359

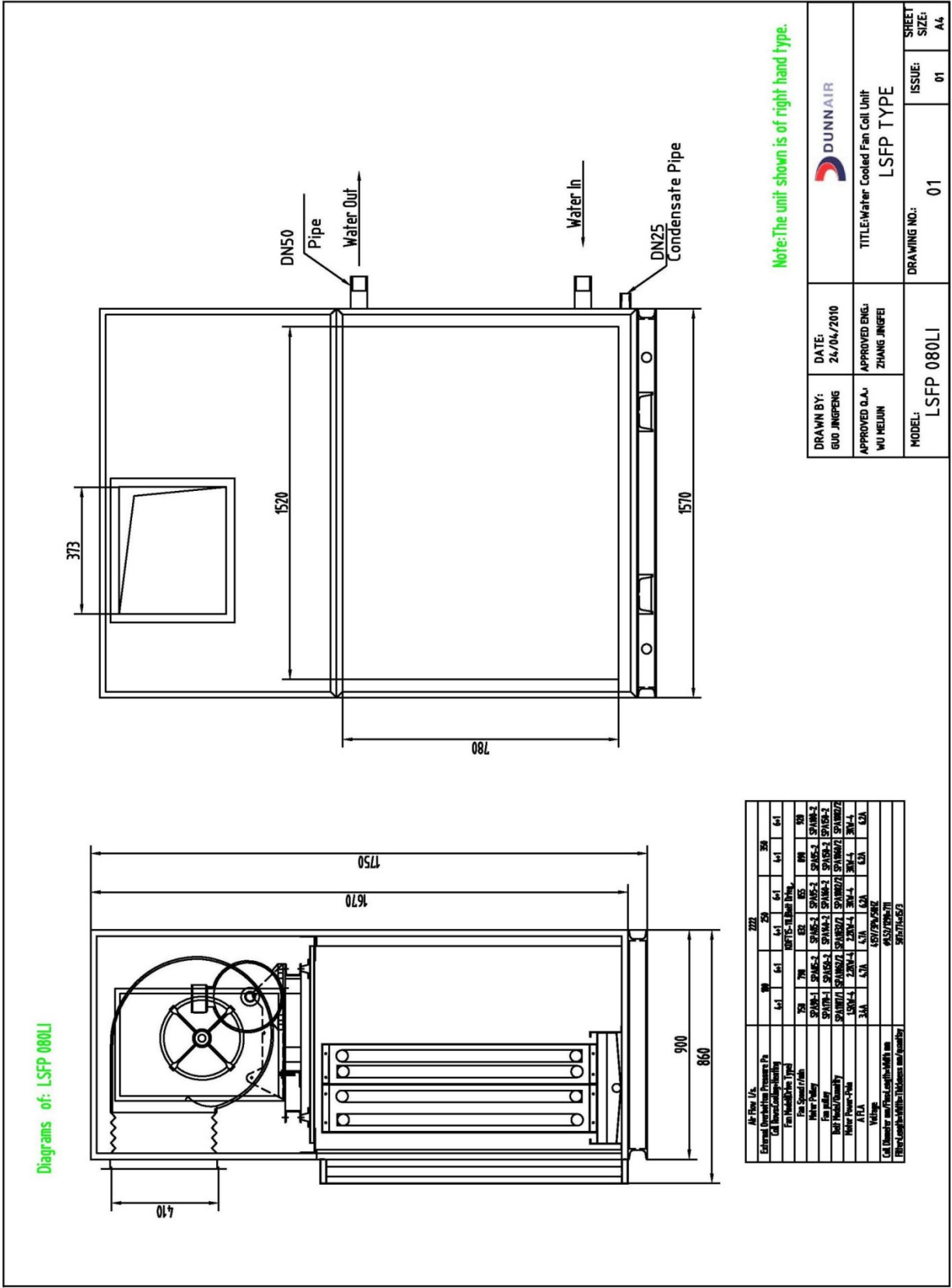
Notes for Return Air:

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/out temp. is 60°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:**
LSFP010W-LSFP 120W : ϕ 9.52mm, copper tube, aluminum fins
LSFP135W-LSFP 300W: ϕ 12.7mm, copper tube, aluminum fins
- **Fan and motor:**
LSFP 010W-LSFP 025W: direct driven, forward curved centrifugal fan
LSFP 030W-LSFP 300W: belt driven, forward curved centrifugal fan
- **Filter: 15mm panel filter**
- **Cabinet: 25mm thick double skinned panel**
- **Drip-tray: powder painting steel sheet**

Packaged Air Handling Unit - Vertical Model LSPFP80



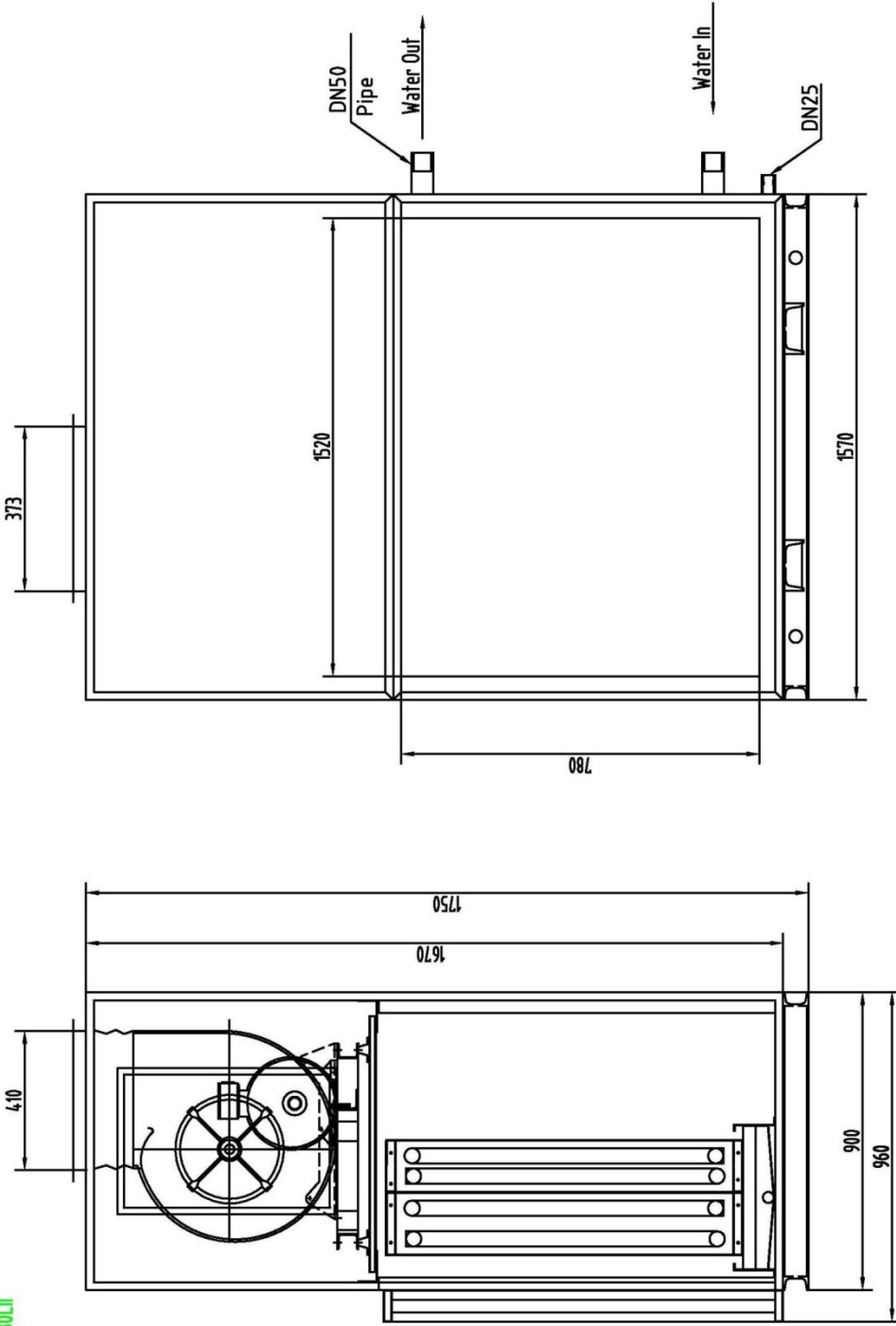
Part No.	Part Name	Qty	Unit	Part No.	Part Name	Qty	Unit
700	Motor	1	EA	700	Motor	1	EA
701	Motor Frame	1	EA	701	Motor Frame	1	EA
702	Motor Mounting	1	EA	702	Motor Mounting	1	EA
703	Motor Protection	1	EA	703	Motor Protection	1	EA
704	Motor Terminal Box	1	EA	704	Motor Terminal Box	1	EA
705	Motor Fan	1	EA	705	Motor Fan	1	EA
706	Motor Fan Frame	1	EA	706	Motor Fan Frame	1	EA
707	Motor Fan Mounting	1	EA	707	Motor Fan Mounting	1	EA
708	Motor Fan Protection	1	EA	708	Motor Fan Protection	1	EA
709	Motor Fan Terminal Box	1	EA	709	Motor Fan Terminal Box	1	EA
710	Motor Fan Mounting	1	EA	710	Motor Fan Mounting	1	EA
711	Motor Fan Protection	1	EA	711	Motor Fan Protection	1	EA
712	Motor Fan Terminal Box	1	EA	712	Motor Fan Terminal Box	1	EA
713	Motor Fan Mounting	1	EA	713	Motor Fan Mounting	1	EA
714	Motor Fan Protection	1	EA	714	Motor Fan Protection	1	EA
715	Motor Fan Terminal Box	1	EA	715	Motor Fan Terminal Box	1	EA
716	Motor Fan Mounting	1	EA	716	Motor Fan Mounting	1	EA
717	Motor Fan Protection	1	EA	717	Motor Fan Protection	1	EA
718	Motor Fan Terminal Box	1	EA	718	Motor Fan Terminal Box	1	EA
719	Motor Fan Mounting	1	EA	719	Motor Fan Mounting	1	EA
720	Motor Fan Protection	1	EA	720	Motor Fan Protection	1	EA
721	Motor Fan Terminal Box	1	EA	721	Motor Fan Terminal Box	1	EA
722	Motor Fan Mounting	1	EA	722	Motor Fan Mounting	1	EA
723	Motor Fan Protection	1	EA	723	Motor Fan Protection	1	EA
724	Motor Fan Terminal Box	1	EA	724	Motor Fan Terminal Box	1	EA
725	Motor Fan Mounting	1	EA	725	Motor Fan Mounting	1	EA
726	Motor Fan Protection	1	EA	726	Motor Fan Protection	1	EA
727	Motor Fan Terminal Box	1	EA	727	Motor Fan Terminal Box	1	EA
728	Motor Fan Mounting	1	EA	728	Motor Fan Mounting	1	EA
729	Motor Fan Protection	1	EA	729	Motor Fan Protection	1	EA
730	Motor Fan Terminal Box	1	EA	730	Motor Fan Terminal Box	1	EA
731	Motor Fan Mounting	1	EA	731	Motor Fan Mounting	1	EA
732	Motor Fan Protection	1	EA	732	Motor Fan Protection	1	EA
733	Motor Fan Terminal Box	1	EA	733	Motor Fan Terminal Box	1	EA
734	Motor Fan Mounting	1	EA	734	Motor Fan Mounting	1	EA
735	Motor Fan Protection	1	EA	735	Motor Fan Protection	1	EA
736	Motor Fan Terminal Box	1	EA	736	Motor Fan Terminal Box	1	EA
737	Motor Fan Mounting	1	EA	737	Motor Fan Mounting	1	EA
738	Motor Fan Protection	1	EA	738	Motor Fan Protection	1	EA
739	Motor Fan Terminal Box	1	EA	739	Motor Fan Terminal Box	1	EA
740	Motor Fan Mounting	1	EA	740	Motor Fan Mounting	1	EA
741	Motor Fan Protection	1	EA	741	Motor Fan Protection	1	EA
742	Motor Fan Terminal Box	1	EA	742	Motor Fan Terminal Box	1	EA
743	Motor Fan Mounting	1	EA	743	Motor Fan Mounting	1	EA
744	Motor Fan Protection	1	EA	744	Motor Fan Protection	1	EA
745	Motor Fan Terminal Box	1	EA	745	Motor Fan Terminal Box	1	EA
746	Motor Fan Mounting	1	EA	746	Motor Fan Mounting	1	EA
747	Motor Fan Protection	1	EA	747	Motor Fan Protection	1	EA
748	Motor Fan Terminal Box	1	EA	748	Motor Fan Terminal Box	1	EA
749	Motor Fan Mounting	1	EA	749	Motor Fan Mounting	1	EA
750	Motor Fan Protection	1	EA	750	Motor Fan Protection	1	EA
751	Motor Fan Terminal Box	1	EA	751	Motor Fan Terminal Box	1	EA
752	Motor Fan Mounting	1	EA	752	Motor Fan Mounting	1	EA
753	Motor Fan Protection	1	EA	753	Motor Fan Protection	1	EA
754	Motor Fan Terminal Box	1	EA	754	Motor Fan Terminal Box	1	EA
755	Motor Fan Mounting	1	EA	755	Motor Fan Mounting	1	EA
756	Motor Fan Protection	1	EA	756	Motor Fan Protection	1	EA
757	Motor Fan Terminal Box	1	EA	757	Motor Fan Terminal Box	1	EA
758	Motor Fan Mounting	1	EA	758	Motor Fan Mounting	1	EA
759	Motor Fan Protection	1	EA	759	Motor Fan Protection	1	EA
760	Motor Fan Terminal Box	1	EA	760	Motor Fan Terminal Box	1	EA
761	Motor Fan Mounting	1	EA	761	Motor Fan Mounting	1	EA
762	Motor Fan Protection	1	EA	762	Motor Fan Protection	1	EA
763	Motor Fan Terminal Box	1	EA	763	Motor Fan Terminal Box	1	EA
764	Motor Fan Mounting	1	EA	764	Motor Fan Mounting	1	EA
765	Motor Fan Protection	1	EA	765	Motor Fan Protection	1	EA
766	Motor Fan Terminal Box	1	EA	766	Motor Fan Terminal Box	1	EA
767	Motor Fan Mounting	1	EA	767	Motor Fan Mounting	1	EA
768	Motor Fan Protection	1	EA	768	Motor Fan Protection	1	EA
769	Motor Fan Terminal Box	1	EA	769	Motor Fan Terminal Box	1	EA
770	Motor Fan Mounting	1	EA	770	Motor Fan Mounting	1	EA
771	Motor Fan Protection	1	EA	771	Motor Fan Protection	1	EA
772	Motor Fan Terminal Box	1	EA	772	Motor Fan Terminal Box	1	EA
773	Motor Fan Mounting	1	EA	773	Motor Fan Mounting	1	EA
774	Motor Fan Protection	1	EA	774	Motor Fan Protection	1	EA
775	Motor Fan Terminal Box	1	EA	775	Motor Fan Terminal Box	1	EA
776	Motor Fan Mounting	1	EA	776	Motor Fan Mounting	1	EA
777	Motor Fan Protection	1	EA	777	Motor Fan Protection	1	EA
778	Motor Fan Terminal Box	1	EA	778	Motor Fan Terminal Box	1	EA
779	Motor Fan Mounting	1	EA	779	Motor Fan Mounting	1	EA
780	Motor Fan Protection	1	EA	780	Motor Fan Protection	1	EA
781	Motor Fan Terminal Box	1	EA	781	Motor Fan Terminal Box	1	EA
782	Motor Fan Mounting	1	EA	782	Motor Fan Mounting	1	EA
783	Motor Fan Protection	1	EA	783	Motor Fan Protection	1	EA
784	Motor Fan Terminal Box	1	EA	784	Motor Fan Terminal Box	1	EA
785	Motor Fan Mounting	1	EA	785	Motor Fan Mounting	1	EA
786	Motor Fan Protection	1	EA	786	Motor Fan Protection	1	EA
787	Motor Fan Terminal Box	1	EA	787	Motor Fan Terminal Box	1	EA
788	Motor Fan Mounting	1	EA	788	Motor Fan Mounting	1	EA
789	Motor Fan Protection	1	EA	789	Motor Fan Protection	1	EA
790	Motor Fan Terminal Box	1	EA	790	Motor Fan Terminal Box	1	EA
791	Motor Fan Mounting	1	EA	791	Motor Fan Mounting	1	EA
792	Motor Fan Protection	1	EA	792	Motor Fan Protection	1	EA
793	Motor Fan Terminal Box	1	EA	793	Motor Fan Terminal Box	1	EA
794	Motor Fan Mounting	1	EA	794	Motor Fan Mounting	1	EA
795	Motor Fan Protection	1	EA	795	Motor Fan Protection	1	EA
796	Motor Fan Terminal Box	1	EA	796	Motor Fan Terminal Box	1	EA
797	Motor Fan Mounting	1	EA	797	Motor Fan Mounting	1	EA
798	Motor Fan Protection	1	EA	798	Motor Fan Protection	1	EA
799	Motor Fan Terminal Box	1	EA	799	Motor Fan Terminal Box	1	EA
800	Motor Fan Mounting	1	EA	800	Motor Fan Mounting	1	EA

Note: The unit shown is of right hand type.

DRAWN BY: GUO JINGPENG	DATE: 24/04/2010	
APPROVED G.A.: WU MELJUN	APPROVED ENG.: ZHANG JINGFEI	TITLE: Water Cooled Fan Coil Unit LSPFP TYPE
MODEL: LSPFP 080LI	DRAWING NO.: 01	ISSUE: 01
		SHEET SIZE: A4

Packaged Air Handling Unit - Vertical Model LSPF80

Diagrams of: LSPF 80LII



Air Flow (L/s)	2000	2200	2400	2600	2800	3000	3200	3400	3600
External Noise (dB(A) @ 1m)	64	64	64	64	64	64	64	64	64
Coil Manufacturer/Type	750	750	800	800	850	850	850	850	850
Fan Speed (r/min)	SPAN-1	SPAN-2	SPAN-3	SPAN-4	SPAN-5	SPAN-6	SPAN-7	SPAN-8	SPAN-9
Fan Motor	SPAN-1	SPAN-2	SPAN-3	SPAN-4	SPAN-5	SPAN-6	SPAN-7	SPAN-8	SPAN-9
Fan Motor	SPAN-1	SPAN-2	SPAN-3	SPAN-4	SPAN-5	SPAN-6	SPAN-7	SPAN-8	SPAN-9
Filter Head/Quantity	3A	3A	3A	3A	3A	3A	3A	3A	3A
Filter Power/Type	3A	3A	3A	3A	3A	3A	3A	3A	3A
A.P.A.	3A	3A	3A	3A	3A	3A	3A	3A	3A
Voltage	450V/3P/5WZ	450V/3P/5WZ	450V/3P/5WZ	450V/3P/5WZ	450V/3P/5WZ	450V/3P/5WZ	450V/3P/5WZ	450V/3P/5WZ	450V/3P/5WZ
Coil Diameter mm/Filter Length/Filter mm	450/1200/700	450/1200/700	450/1200/700	450/1200/700	450/1200/700	450/1200/700	450/1200/700	450/1200/700	450/1200/700
Filter Length/Filter Thickness mm/quantity	500/120/50	500/120/50	500/120/50	500/120/50	500/120/50	500/120/50	500/120/50	500/120/50	500/120/50

Note: The unit shown is of right hand type.

DRAWN BY: GUO JINGPENG	DATE: 24/04/2010		SHEET SIZE: A4
APPROVED O.A.: WU HEJUN	APPROVED ENG.: ZHANG JINGFEI	TITLE: Water Cooled Fan Coil Unit LSPF TYPE	ISSUE: 01
MODEL: LSPF 80LII	DRAWING NO.: 01		

Packaged Air Handling Unit - Vertical Model LSP80

Note: The unit shown is of right hand type.

DRAWN BY: GUO JINGPENG	DATE: 24/04/2010		
APPROVED O.A.: WU MEIJUN	APPROVED ENG.: ZHANG JINGFEI	TITLE: Water Cooled Fan Coil Unit LSPF TYPE	
MODEL: LSPF 080ALI		DRAWING NO.: 01	SHEET SIZE: A4 ISSUE: 01

Diagrams of: LSPF 080ALI

Air Flow (L/s)	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
External Operating Pressure Pa	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
Coil Dimensions (mm)	350	350	350	350	350	350	350	350	350	350	350	350	350	350	350
Fan Speed (rpm)	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800	2800
Motor Power	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
Fan Motor	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1
Coil Model	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1
Coil Material	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1	SP10S-1
Coil Power (kW)	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.37
Coil Voltage	3~N	3~N	3~N	3~N	3~N	3~N	3~N	3~N	3~N	3~N	3~N	3~N	3~N	3~N	3~N
Coil Diameter (mm)	450	450	450	450	450	450	450	450	450	450	450	450	450	450	450
Coil Length (mm)	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
Coil Weight (kg)	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

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Packaged Air Handling Unit - Vertical Model LSPFP80

Diagrams of: LSPFP 080ALII

Technical drawing of the LSPFP 080ALII air handling unit. The drawing includes a front view and a side view. Dimensions are provided in millimeters: front view width is 1750, height is 960, and depth is 900; side view width is 780, height is 1570, and depth is 373. Labels indicate 'Water In' and 'Water Out' pipes (DN25) and a 'Condensate Pipe' (DN50). A note states: 'Note: The unit shown is of right hand type.'

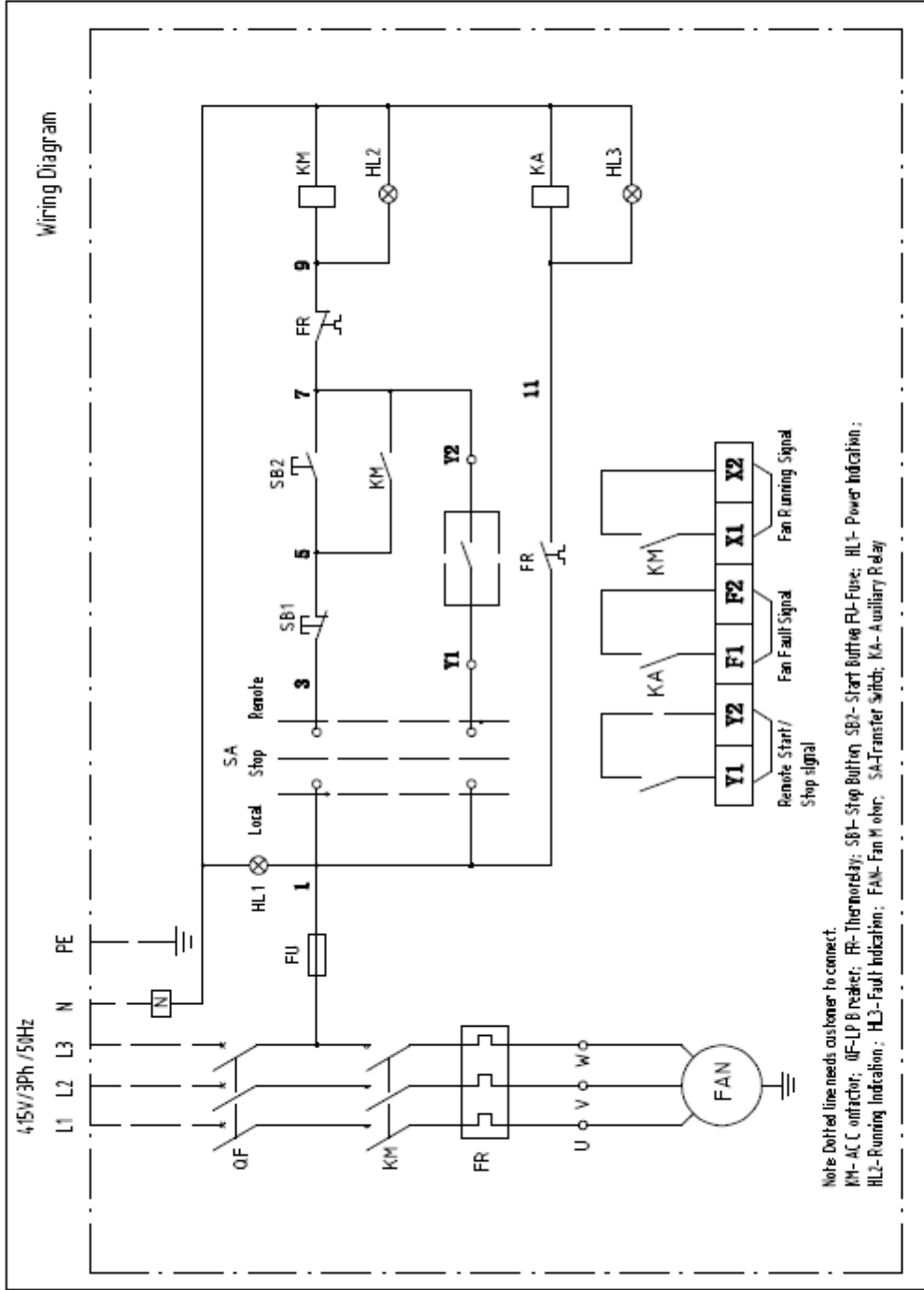
Air Flow / s	222	250	300	350
External Static Pressure Pa	64	64	64	64
Cell Number/Configuration	64	64	64	64
Fan Model/Type	700	800	800	800
Fan Speed/r/min	SP18A-1	SP18A-2	SP18A-3	SP18A-2
Water Pump	SP18A-1	SP18A-2	SP18A-3	SP18A-2
Fan Motor	SP18B-1	SP18B-2	SP18B-3	SP18B-2
Cell No./Quantity	SP18C-1	SP18C-2	SP18C-3	SP18C-2
Water Pump - Make	3.0A	3.0A	3.0A	3.0A
Voltage	415V	415V	415V	415V
Cell Number and Fan/Coil/Filter/Heater and Quantity	415V/50Hz/50Hz			
Filter Length x Width x Thickness and Quantity	415/270/20/20			

DRAWN BY:	DATE:		
GUO JINGPENG	24/04/2010		
APPROVED O.A.:	APPROVED ENGL:	TITLE: Water Cooled Fan Coil Unit	
WU MEIJUN	ZHANG JINGFEI	LSPFP TYPE	
MODEL:	DRAWING NO.:	ISSUE:	SHEET:
LSPFP 080ALII	01	01	A4

April 2010

Packaged Air Handling Unit - Vertical Model LSFP80

Direct starting type (motor power < 15KW)

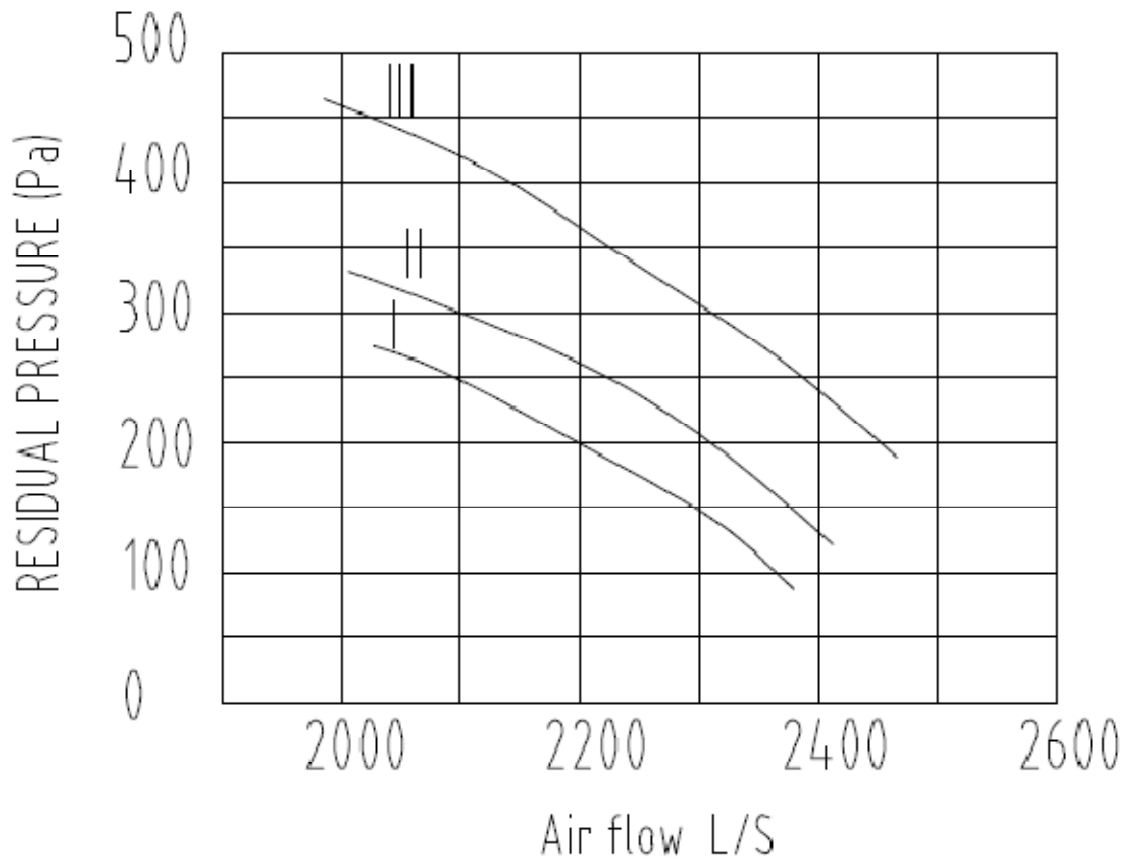



DRAWN BY: BAO JINGPENG	DATE: 19/11/2009	DUNNAIR Water Cooled Fan Coil Unit LSFP TYPE	DRAWING NO: 01	ISSUE: #1	SHEET SIZE: A4
APPROVED O.A: WU HELIAN	APPROVED ENG: ZHANG JINGFENG				
MODEL: LSFP010-300					

Packaged Air Handling Unit *Vertical Model*

LSFP80

FAN CURVE



DRAWN BY: GUO JINGPENG	DATE: 10/11/2009			
APPROVED Q.A.: WU MEJUN	APPROVED ENG.: ZHANG JINGFEI	TITLE: Water Cooled Fan Coil Unit LSFP TYPE		
MODEL: LSFP080L		DRAWING NO.: 01	ISSUE: 01	SHEET SIZE: A4

Packaged Air Handling Unit

Vertical Model LSFP80

NOISE CURVE

