

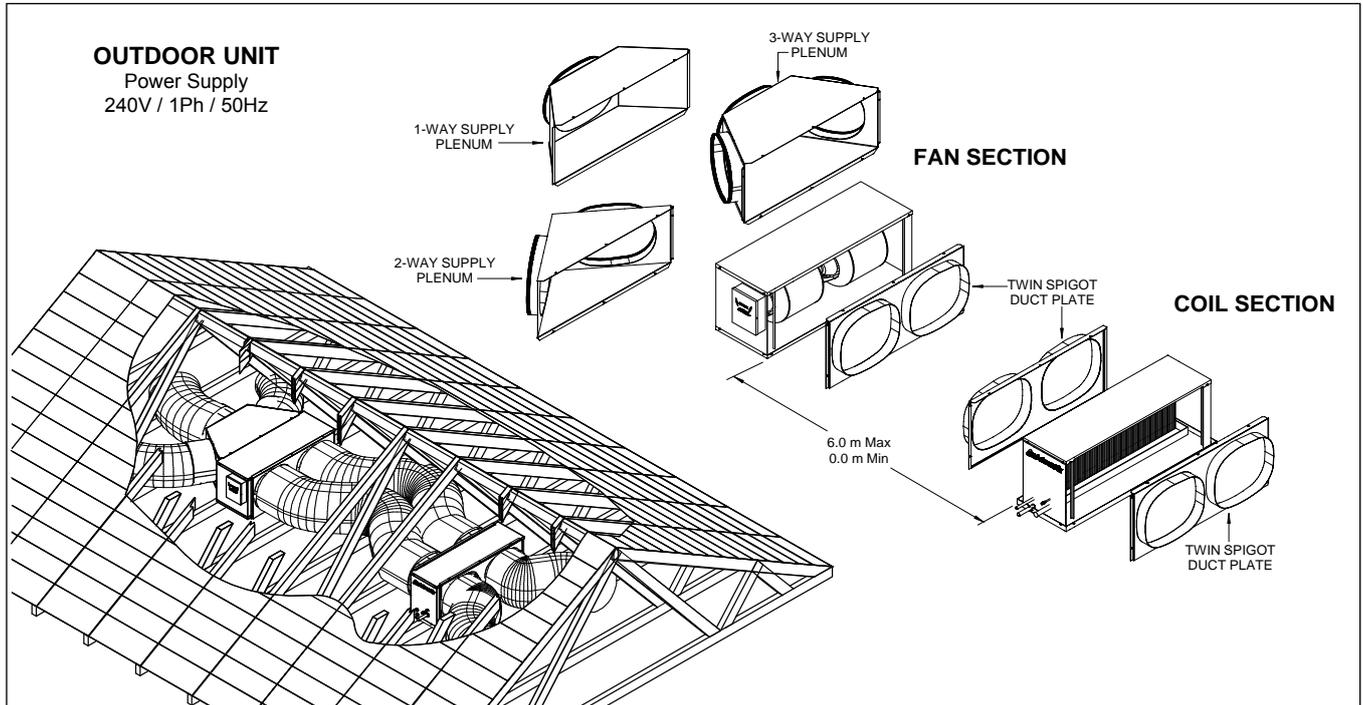
TWO - PIECE FAN COIL

1-PHASE MODELS

The innovative 2-PIECE fan coil system can provide a solution to difficult and tight roof space installations. This versatile system comes as a separate fan and coil sections. Each compact and lightweight section is simply installed in two separate locations and is then joined by flexible ducting.

Ducting is attached to each section by either a 1, 2 or 3 way EASY FIT supply plenum or a twin spigot duct plate, these can be fitted to either side of each section.

ADD - ON COOLING is simply achieved by fitting only the coil section into an existing ventilation system.



UNIT FEATURES

- Designed for ease of installation in difficult roof spaces.
- 3 - Speed Fan Setting.
- Internal Drain Tray.
- External Condensate Drain Tray.
- Mounting studs for perforated hanging strap.
- Incorporates the EASY FIT supply & return air plenum system.
- Reduce return air noise.
- Integrated Fan Coil Safety Tray.
- Supplied with Drain Kit & P-Trap

OUTDOOR SECTION AND COIL SECTION

MODEL COMBINATION		Nett Cooling Capacity (kW)	Nett Heating Capacity (kW)	Height (mm)	Depth (mm)	Width (mm)	Weight (kg)
Outdoor Section	Coil Section						
SRA121C	SRA120A	11.50	12.00	410	340	1050	20
SRA141C	SRA140A	14.50	15.00	410	340	1050	25
SRA161C	SRA160A	16.40	17.40	410	340	1250	30

FAN SECTION

MODEL	Minimum Lo-Speed (l/s)	Nominal Air Flow (l/s)	Maximum Hi-Speed (l/s)	Power Supply (V / Ph / Hz)	Full Load Amps (Outdoor/Indoor/Total)	Height (mm)	Depth (mm)	Width (mm)	Weight (kg)
SRA120F	536	670	820	240 / 1 / 50	21.2 / 3.7 / 24.9	410	360	1070	35
SRA140F	655	770	886	240 / 1 / 50	23.8 / 4.0 / 27.8	410	360	1070	35
SRA160F	718	845	972	240 / 1 / 50	27.8 / 4.0 / 31.8	410	360	1070	35

COIL SECTION STATIC PRESSURE DROP (Pa)

MODEL	AIR FLOW (l/s)			DRY COIL CONDITION			WET COIL CONDITION		
	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum
SRA120A	536	670	820	48	68	94	65	90	123
SRA140A	655	770	886	71	92	115	87	112	139
SRA160A	718	845	972	59	77	96	74	96	120

NOTES:

- AIRFLOW ACROSS THE COIL MUST BE NO LESS THAN THE COMPLETE FAN SECTIONS MINIMUM AIRFLOW.
- EXTERNAL STATIC PRESSURE IS THE SAME AS THE STANDARD SRA MODEL FAN COIL. REFER TO THE COMPARABLE FAN CURVES FOR EACH MODEL.
- REFER TO INSTALLATION SECTION FOR PLENUM COMBINATION OPTIONS.
- ONE-WAY SUPPLY PLENUM NOT AVAILABLE FOR SRA190F AND SRA230F.
- THREE-WAY SUPPLY PLENUM NOT AVAILABLE FOR SRA190F.
- WEIGHTS AND DIMENSIONS ARE NOMINAL VALUES.



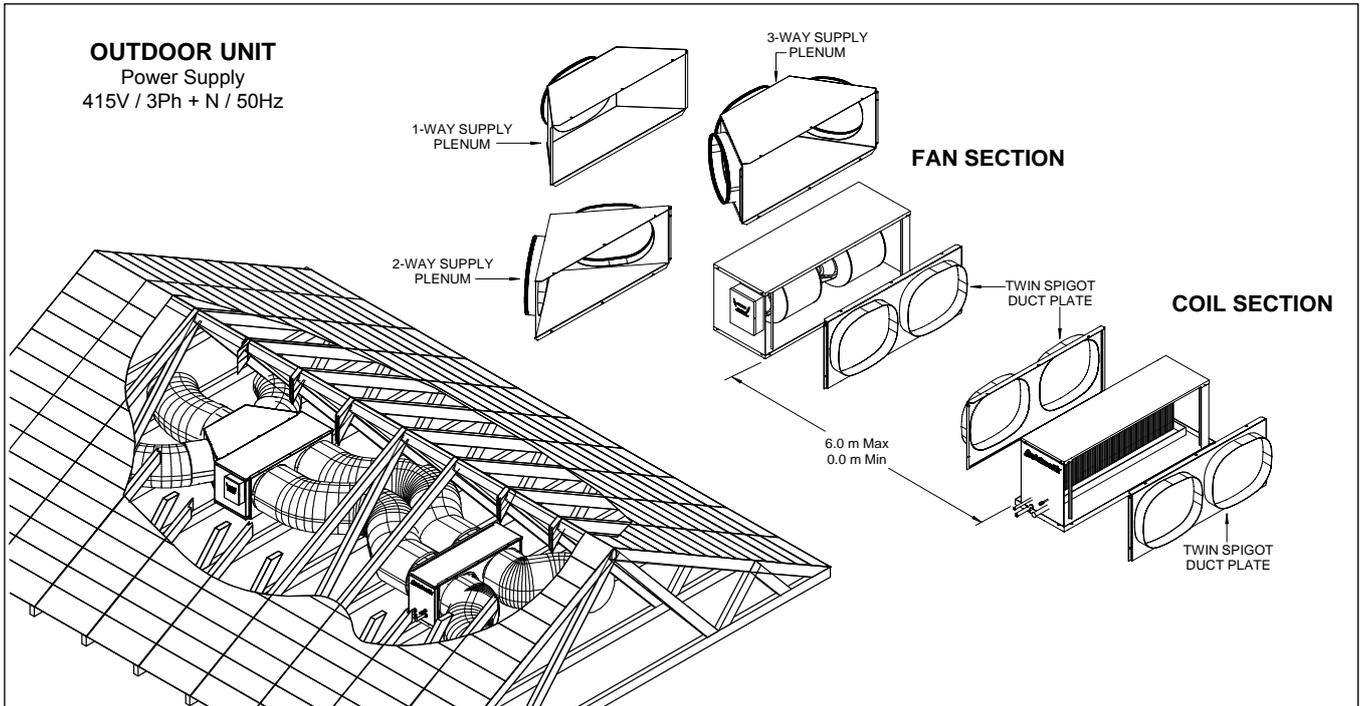
TWO - PIECE FAN COIL

3-PHASE MODELS

The innovative 2 - PIECE fan coil system can provide a solution to difficult and tight roof space installations. This versatile system comes as a separate fan and coil sections. Each compact and lightweight section is simply installed in two separate locations and is then joined by flexible ducting.

Ducting is attached to each section by either a 1, 2 or 3 way EASY FIT supply plenum or a twin spigot duct plate, these can be fitted to either side of each section.

ADD - ON COOLING is simply achieved by fitting only the coil section into an existing ventilation system.



UNIT FEATURES

- Designed for ease of installation in difficult roof spaces.
- 3 - Speed Fan Setting.
- Internal Drain Tray.
- External Condensate Drain Tray.
- Mounting studs for perforated hanging strap.
- Incorporates the EASY FIT supply & return air plenum system.
- Reduce return air noise.
- Integrated Fan Coil Safety Tray.
- Supplied with Drain Kit & P-Trap (Except Model SRA230A)

OUTDOOR / COIL SECTION

MODEL COMBINATION		Nett Cooling Capacity (kW)	Nett Heating Capacity (kW)	Height (mm)	Depth (mm)	Width (mm)	Weight (kg)
Outdoor Section	Coil Section						
SRA120C	SRA120A	11.10	11.70	410	340	1050	20
SRA140C	SRA140A	14.50	15.00	410	340	1050	25
SRA160C	SRA160A	16.40	17.40	410	340	1250	30
SRA190C	SRA190A	18.20	19.20	435	340	1355	38
SRA230C	SRA230A	22.45	23.50	485	340	1405	41

FAN SECTION

MODEL	Minimum Lo-Speed (l/s)	Nominal Air Flow (l/s)	Maximum Hi-Speed (l/s)	Power Supply (V / Ph / Hz)	Full Load Amps (Outdoor/Indoor/Total)	Height (mm)	Depth (mm)	Width (mm)	Weight (kg)
SRA120F	536	670	820	240 / 1 / 50	8.0 / 3.7 / 11.7	410	360	1070	35
SRA140F	655	770	886	240 / 1 / 50	11.3 / 4.0 / 15.3	410	360	1070	35
SRA160F	718	845	972	240 / 1 / 50	12.2 / 4.0 / 16.2	410	360	1070	35
SRA190F	810	950	1150	240 / 1 / 50	14.0 / 4.0 / 18.0	435	410	1270	45
SRA230F	1020	1200	1380	240 / 1 / 50	15.1 / 4.9 / 20.0	485	410	1270	47

COIL SECTION STATIC PRESSURE DROP (Pa)

MODEL	AIR FLOW (l/s)			DRY COIL CONDITION			WET COIL CONDITION		
	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum
SRA120A	536	670	820	48	68	94	65	90	123
SRA140A	655	770	886	71	92	115	87	112	139
SRA160A	718	845	972	59	77	96	74	96	120
SRA190A	810	950	1150	61	78	106	77	98	132
SRA230A	1020	1200	1380	59	76	95	79	101	126

NOTES:

1. AIRFLOW ACROSS THE COIL MUST BE NO LESS THAN THE COMPLETE FAN SECTIONS MINIMUM AIRFLOW.
2. EXTERNAL STATIC PRESSURE IS THE SAME AS THE STANDARD SRA MODEL FAN COIL. REFER TO THE COMPARABLE FAN CURVES FOR EACH MODEL.
3. REFER TO INSTALLATION SECTION FOR PLENUM COMBINATION OPTIONS.
4. ONE-WAY SUPPLY PLENUM NOT AVAILABLE FOR SRA190F AND SRA230F.
5. THREE-WAY SUPPLY PLENUM NOT AVAILABLE FOR SRA190F.
6. WEIGHTS AND DIMENSIONS ARE NOMINAL VALUES.



SUPPLY PLENUM / DUCT PLATE OPTIONS - STD SPLIT FAN COIL

SRA120A / F

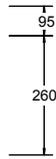
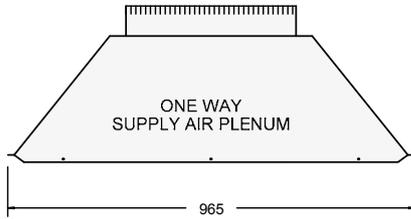
SRA140A / F

SRA160A / F

SRA190A / F

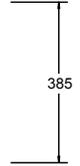
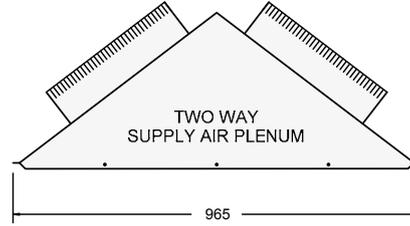
1 WAY SUPPLY AIR PLENUMS

PLENUM	SRA120F	SRA140F	SRA160F
MODEL NUMBER	PL18S-1/40S		
TYPE / SIZE	1 x 400 mm (16")		



2 WAY SUPPLY AIR PLENUMS

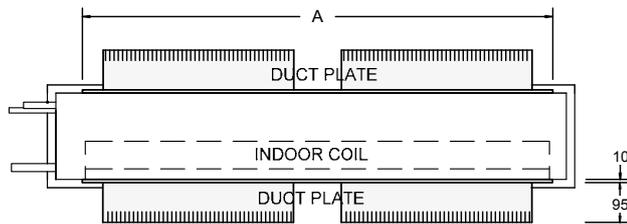
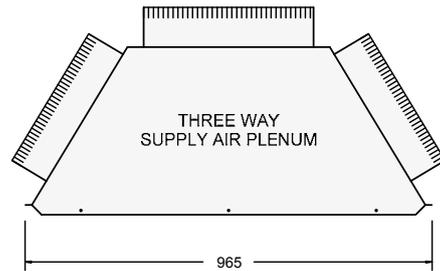
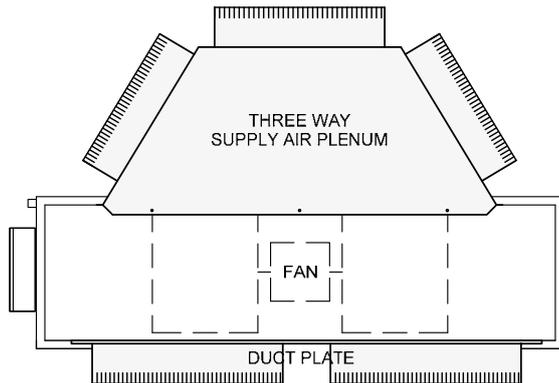
PLENUM	SRA120F	SRA140F	SRA160F	SRA190F
MODEL NUMBER	PL18S-2/35S	PL20S-2/40S	PL20S-2/40S	PL20S-2/40S
TYPE / SIZE	2 x 350 mm (14")	2 x 400 mm (16")	2 x 400 mm (16")	2 x 400 mm (16")



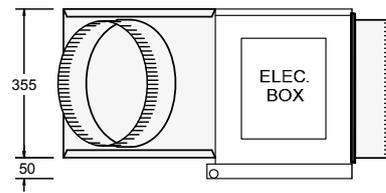
3 WAY SUPPLY AIR PLENUMS

PLENUM	SRA120F	SRA140F	SRA160F
MODEL NUMBER	PL13S-3/30S	PL18S-3/35S	PL20S-3/SPS
TYPE / SIZE	3 x 300 mm (12")	3 x 350 mm (14")	1 x 350 mm (14"), 1 x 400 mm (16"), 1 x 350 mm (14")

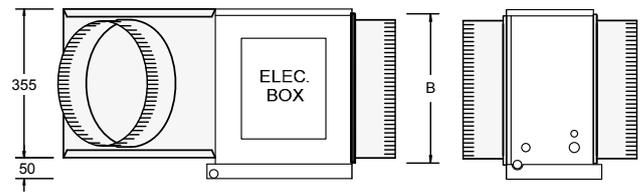
FAN SECTION



FAN SECTION



COIL SECTION



COIL SECTION

DUCT PLATES

PLENUM	SRA120A / F	SRA140A / F	SRA160A / F	SRA190A / F
MODEL NUMBER	PLDP-2/350	PLDP-2/400	PLDP-2/400	PLDS-2/400
TYPE / SIZE	2 x 350 mm (14")	2 x 400 mm (16")	2 x 400 mm (16")	2 x 400 mm (16")
DIMENSION "A"	962	962	1155	1155
DIMENSION "B"	405	405	432	432

NOTES:

- PLEASE REFER TO SUPPLY AND RETURN AIR MATRIX FOR DETAILS OF REQUIRED NUMBER OF SPIGOTS IN OPERATION FOR AIR FLOW PURPOSES.
- ONE-WAY SUPPLY PLENUM NOT AVAILABLE FOR SRA 190F.

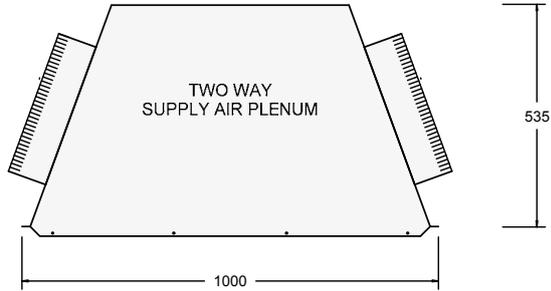


SUPPLY PLENUM / DUCT PLATE OPTIONS - STD SPLIT FAN COIL

SRA230A / F

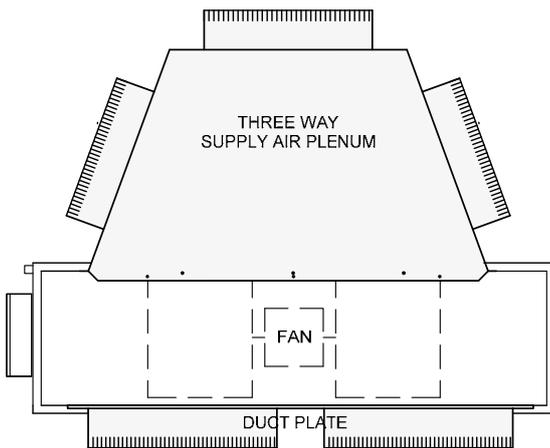
2 WAY SUPPLY AIR PLENUMS

PLENUM	SRA230F
MODEL NUMBER	PL34S-2/45S
TYPE / SIZE	2 x 450 mm (18")

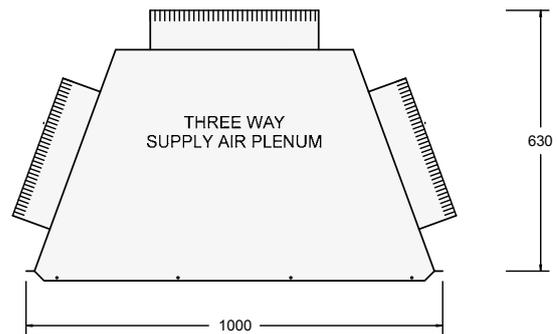


3 WAY SUPPLY AIR PLENUMS

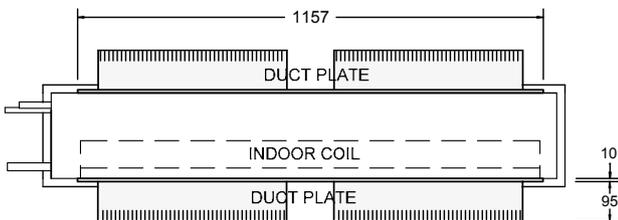
PLENUM	SRA230F		
MODEL NUMBER	PL22S-3/35S	PL30S-3/40S	PL34S-3/45S
TYPE / SIZE	3 x 350 mm (14")	3 x 400 mm (16")	3 x 450 mm (18")



FAN SECTION

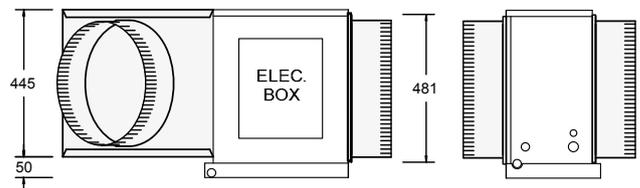


COIL SECTION



FAN SECTION

COIL SECTION



DUCT PLATES

PLENUM	SRA230A	SRA230F
MODEL NUMBER	PLDT-2/450	
TYPE / SIZE	2 x 450 mm (18")	

NOTE:
PLEASE REFER TO SUPPLY AND RETURN AIR MATRIX FOR DETAILS OF REQUIRED NUMBER OF SPIGOTS IN OPERATION FOR AIR FLOW PURPOSES.

