

DYNAFLOW SCH FUME CUPBOARD

DYNAFLOW SCHOOL PVC FUME CUPBOARD

MODEL	DIMENSION A (MM)	AIR QUANTITY (L/S)			DISCHARGE CONNECTION
		50MM	75MM	100MM	
1000SCH	1005	45	107	250	ø250 SPIGOT
1200SCH	1205	55	132	345	ø250 SPIGOT
1500SCH	1505	65	171	455	TRANSITION TO ø315
1800SCH	1805	80	207	540	TRANSITION TO ø315

POWER SUPPLY

	BYPASS OPTION	SYNCHROFLOW OPTION
MODEL	VOLTAGE (V)	INPUT VOLTAGE (V)
1000SCH	3ø 415V / 16A	240V / 25A
1200SCH	3ø 415V / 16A	240V / 25A
1500SCH	3ø 415V / 16A	240V / 25A
1800SCH	3ø 415V / 16A	240V / 25A

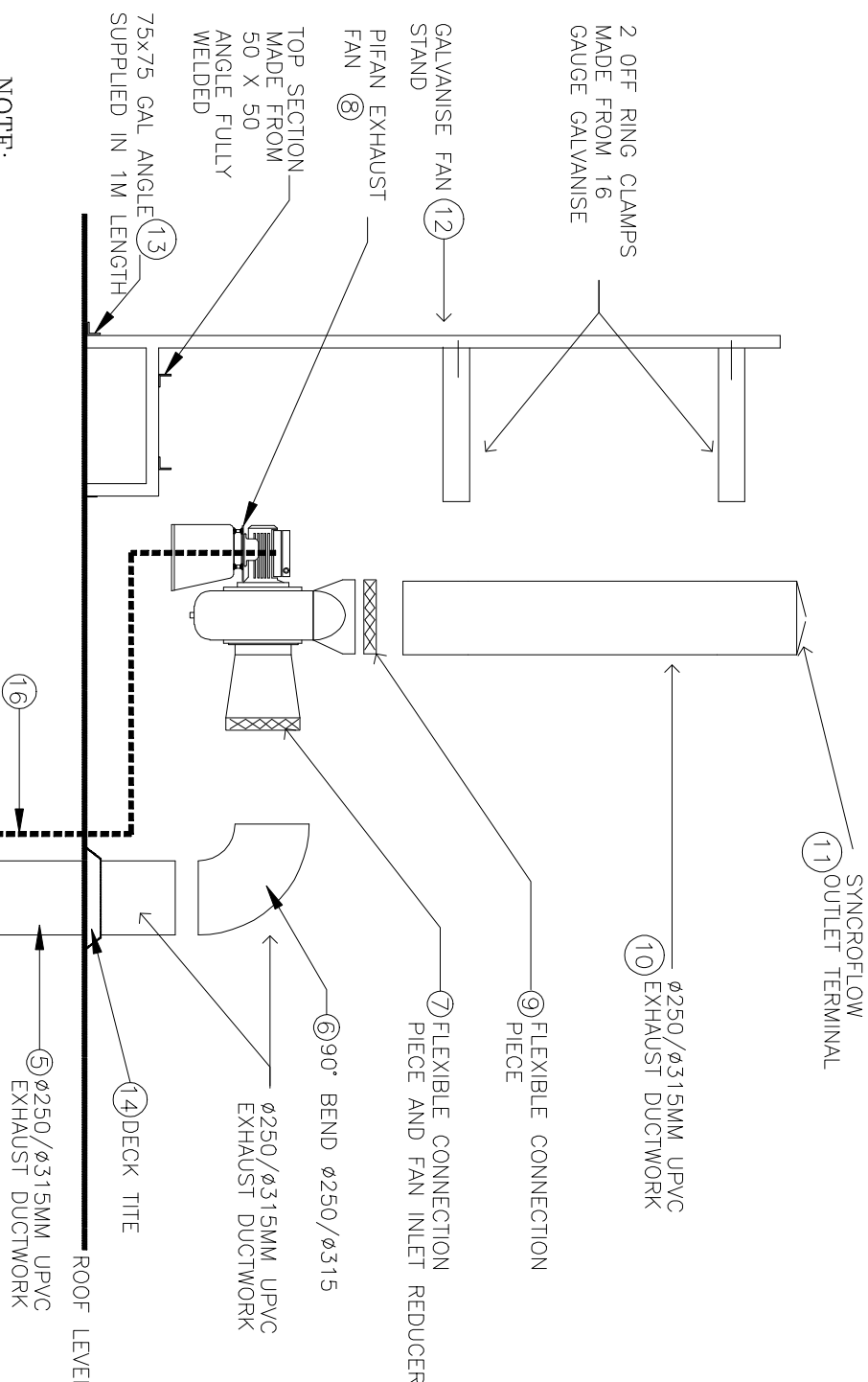
PIFAN EXHAUST FAN DETAIL

MODEL	STANDARD FAN ASSEMBLY	MOTOR SIZE (KW)	INPUT MOTOR POWER(V)	FLA (A)
1000SCH	225/ F/4	0.55	3ø 415V 4POLE	1.4
1200SCH	225/ F/4	0.55	3ø 415V 4POLE	1.4
1500SCH	305/ F/4	0.75	3ø 415V 4POLE	1.9
1800SCH	305/ F/4	0.75	3ø 415V 4POLE	1.9

SERVICES CONNECTION DETAIL

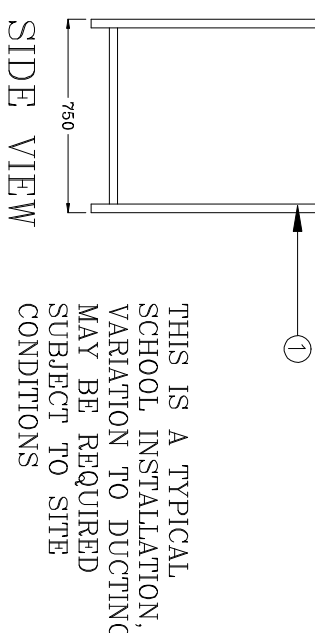
MODEL	DRIP/CUP WASTE CONNECTION	WATER SUPPLY	GAS SUPPLY CONNECTION
1000SCH	ø40MM M	1/4" MBSP	1/4" MBSP
1200SCH	ø40MM M	1/4" MBSP	1/4" MBSP
1500SCH	ø40MM M	1/4" MBSP	1/4" MBSP
1800SCH	ø40MM M	1/4" MBSP	1/4" MBSP

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						DRAWN CHAN-CHIA		DATE 30/09/09	PROJECT DYNAPLOW SCH FUME CUPBOARD					
						DESIGN ROY-ROSARIO		SIZE A3	SINGLE SIDED ACCESS					
						SHEET 1 OF 1		SCALE NMS	DWG NO. SCH-FC		REV A			
					<input type="checkbox"/> PRELIMINARY ONLY <input type="checkbox"/> APPROVED FOR CONSTRUCTION									
					<input type="checkbox"/> SUBMITTED FOR APPROVAL <input type="checkbox"/> AS INSTALLED									
PER _____					DATE _____									
ISSUE	DETAILS OF ISSUE	BY	APPR	DATE										
A	SCHOOL KIT	CC	DW	30/09/09										



NOTES:

- 1) Mild Steel Support open frame/ support cabinet
- 2) Dynaflow School type Fume Cupboard
- 3) Fume Cupboard outlet (ø250 for Dynaflow 1000/1200SCH F/C
- 4) Fume Cupboard transition piece square to round for Dynaflow 1500/1800SCH F/C
- 5) ø250/ø315 PVC Exhaust ductwork (2.4m length cut back to suit as require)
- 6) 90° PVC bend
- 7) Fan inlet reducer cone with flexible joint
- 8) Pifan Exhaust Fan
- 9) Flexible joint
- 10) ø250/ø315 PVC Exhaust ductwork (2.4m length cut back to suit as required)
- 11) Syncroflow outlet terminal
- 12) Galvanised Fan stand
- 13) 75x75mm galvanised angle in 1m length
- 14) deck tile to suit ø250/ø315
- 15) Single phase Power supply to Fume Cupboard in Electrical recess box with Terminal strip (for power supply and output terminal to the fan's motor)
- 16) Cable from Fume cupboard 's electrical box to exhaust fan's motor (by others)



INSTALLATION SECTION LAYOUT