

DYNAFLOW SCHOOL PVC FUME CUPBOARD

MODEL	DIMENSION A (MM)	AIR QUANTITY (L/S) SASH OPENING HEIGHT		, ,	DISCHARGE CONNECTION	
		50MM	250MM	625MM		
1000DS SCH	1005	45	107	280	ø250 SPIGOT	
1200DS SCH	1205	55	132	345	TRANSITION TO Ø250	
1500DS SCH	1505	65	171	455	TRANSITION TO Ø315	
1800DS SCH	1805	80	207	540	TRANSITION TO Ø315	

POWER SUPPLY

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

electrical box top RHS

-Syncroflow option has a Variable Speed Drive converting Single Phase input to a 3phase output to the exhaust Fan's Motor

PIFAN EXHAUST FAN DETAIL

MODEL	STANDARD FAN ASSEMBLY	MOTOR SIZE (KW)	INPUT MOTOR POWER(V)
1000DS SCH	225/P/4	0.55	3ø 415V 4POLE
1200DS SCH	225/P/4	0.55	3ø 415V 4POLE
1500DS SCH	305/P/4	0.75	3ø 415V 4POLE
1800DS SCH	305/P/4	0.75	3ø 415V 4POLE

-Fan connection terminals located within electrical box, top RHS

electrical box, top kns
-Interconnecting terminal to all supplied
according to AS3000 complete with
weatherproof isolator adjacent to fan

SERVICES CONNECTION DETAIL

MODEL	DRIPCUP WASTE CONNECTION	WATER SUPPLY CONNECTION	GAS SUPPLY CONNECTION
1000DS SCH	Ø40MM M	1/4" MBSP	1/4" MBSP
1200DS SCH	Ø40MM M	1/4" MBSP	1/4" MBSP
1500DS SCH	Ø40MM M	1/4" MBSP	1/4" MBSP
1800DS SCH	ø40MM M	1/4" MBSP	1/4" MBSP

Gas and Water connection from below work bench using stainless steel flexible breaded hoses supplied

- Fume Cupboard outlet (\$\phi\$250 for Dynaflow
- 1000DS SCH F/C Fume Cupboard transition piece square to round (3)
- for Dynaflow 1200DS/1500DS/1800DS SCH F/C
- \$\phi 250/\phi 315 PVC Exhaust ductwork (2.4M length) cut back to suit as require)
- 90° PVC bend
- Fan inlet reducer cone with flexible joint
- Pifan Exhaust Fan
- Flexible joint
- \$\phi250/\phi315 PVC Exhaust ductwork (2.4m length) cut back to suit as required)
- Syncroflow outlet terminal
- 12) Galvanised Fan stand
- 13) 75x75mm galvanised angle in 1m length
- 14) deck tite to suit \$\phi 250/\phi 315
- Single phase Power supply to Fume Cupboard in Electrical recess box with Terminal strip (for power supply and output terminal to the
- Cable from Fume cupboard 's electrical box to exhaust fan's motor (by others)

DYNAFLOW D/S SCH FUME CUPBOARD THIS IS A TYPICAL SCHOOL INSTALLATION VARIATION TO DUCTING -MAY BE REQUIRED SUBJECT TO SITE SIDE VIEW CONDITIONS

INSTALLATION SECTION LAYOUT

Dynaflow UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETRES TOLERANCES ± 1 Dynaflow Pty Ltd DYNAFLOW PTY LTD LABORATORY FUME RISK CONTROL Email: info@dynaflow.com.au Website: www.dynaflow.com.c reserves the right to alter any detail TRANSITION PIECE DETAIL CC DW 19/11/10 LABORATORY FUME RISK CONTROL on this drawing as required. <u>DRAWN</u> N CHAN-CHEA DYNASAFE MK5 PANEL ADDED CC DW 11/05/10 PRELIMINARY ONLY APPROVED FOR CONSTRUCTION 30/09/09 Information contained herein is privileged DYNAFLOW SCH FUME CUPBOARD SIZE confidential and subject to copyright. Any SUBMITTED FOR APPROVAL AS INSTALLED DOUBLE SIDE SCHOOL KIT CC 30/09/09 DOUBLE SIDED ACCESS ROY-ROSARIO Α3 unauthorised use, copying, review or SCALE DWG NO. APPR DATE BY ISSUE DETAILS OF ISSUE disclosure is prohibited. DATE SHEET 1 <u>of</u> 1 SCH-DS FC INST SCH DS FC