

SEBASTIAN VENT-HOODS

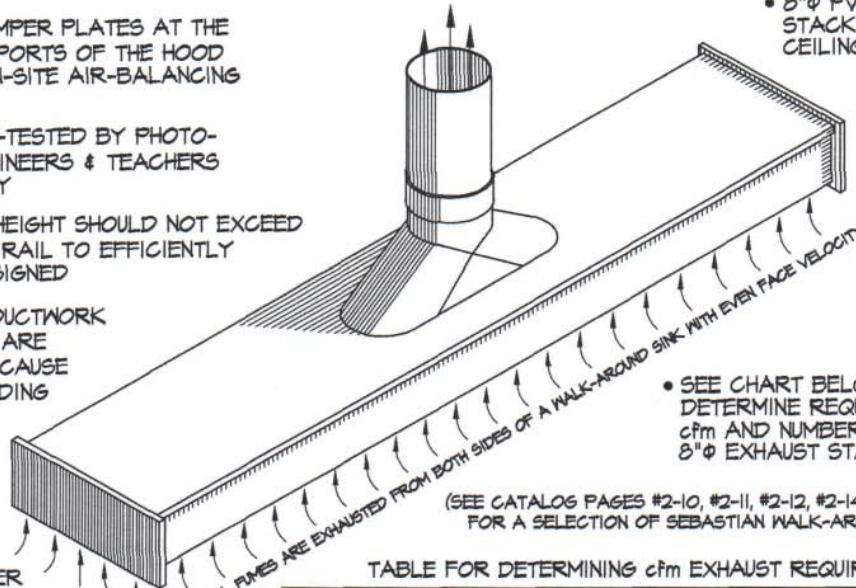
CANOPY TYPE

SEBASTIAN PVC WIDE VENT-HOOD FOR DARKROOM WALK-AROUND SINKS

INTERNAL FIBERGLASS BEAMS ELIMINATES THE NEED FOR A CENTER SUPPORT

THE "SMVHWA" VENT-HOOD SAFELY REMOVES CHEMICAL FUMES FROM A DARKROOM WALK-AROUND SINK. THIS VENT-HOOD IS CENTERED OVER THE SINK AND DRAWS FUMES AWAY FROM THE FACES OF STUDENTS. THE TOP OF THE VENT-HOOD PROVIDES A HANDY 18" WIDE UTILITY SHELF FOR TIMERS AND DARKROOM ACCESSORIES. THE ENTIRE HOOD IS MADE OF POLYVINYL CHLORIDE, PVC, WHICH IS NON-CORROSIVE AND INERT TO ALL DARKROOM CHEMICALS. THIS VENT-HOOD IS SUPPORTED FROM THE FLOOR, SINK, OR HUNG BY STAINLESS STEEL RODS AND COVERED WITH PVC SLEEVES.

- ADJUSTABLE DAMPER PLATES AT THE FUME ENTRANCE PORTS OF THE HOOD PROVIDE FOR ON-SITE AIR-BALANCING (BY OTHERS)
- DESIGNED & LAB-TESTED BY PHOTO-MECHANICAL ENGINEERS & TEACHERS OF PHOTOGRAPHY
- SHELF SURFACE HEIGHT SHOULD NOT EXCEED 20" ABOVE SINK RAIL TO EFFICIENTLY OPERATE AS DESIGNED
- ABOVE CEILING DUCTWORK & EXHAUST FANS ARE NOT SUPPLIED BECAUSE OF VARIOUS BUILDING CONFIGURATIONS

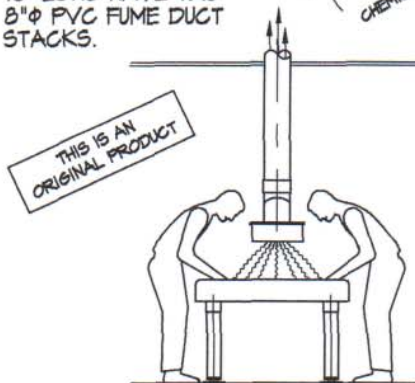


- 8"φ PVC FUME DUCT STACK FITS A CEILING 10'-0" HIGH

- SEE CHART BELOW TO DETERMINE REQUIRED CFM AND NUMBER OF 8"φ EXHAUST STACKS.

(SEE CATALOG PAGES #2-10, #2-11, #2-12, #2-14, #2-15 & #2-22 FOR A SELECTION OF SEBASTIAN WALK-AROUND SINKS)

- VENT-HOODS OVER 10' LONG HAVE TWO 8"φ PVC FUME DUCT STACKS.



- CHEMICAL FUMES ARE CAPTURED EVENLY THROUGHOUT THE ENTIRE LENGTH OF THE SINK, AWAY FROM STUDENT'S FACES.

TABLE FOR DETERMINING CFM EXHAUST REQUIREMENTS

WIDE VENT-HOOD MODEL FOR A WALK-AROUND SINK	SINK LENGTH	HOOD LENGTH	CFM Required per Stack					EXHAUST STACKS	PRESSURE LOSS PVC (per stack)
			CFM req'd for 24" wide sink	CFM req'd for 30" wide sink	CFM req'd for 36" wide sink	CFM req'd for 42" wide sink	CFM req'd for 48" wide sink		
SMVHWA-120	10'	10'	1,000	1,250	1,500	1,750	2,000	1	1.16
SMVHWA-132	11'	11'	550	688	825	963	1,100	2	0.46
SMVHWA-144	12'	12'	600	750	900	1,050	1,200	2	0.55
SMVHWA-156	13'	13'	650	813	975	1,138	1,300	2	0.61
SMVHWA-168	14'	14'	700	875	1,050	1,225	1,400	2	0.69
SMVHWA-180	15'	15'	750	938	1,125	1,313	1,500	2	0.77
SMVHWA-196	16'	16'	800	1,000	1,200	1,400	1,600	2	0.85
SMVHWA-204	17'	17'	850	1,063	1,275	1,530	1,700	2	0.93
SMVHWA-216	18'	18'	900	1,125	1,350	1,575	1,800	2	1.02
SMVHWA-228	19'	19'	950	1,188	1,425	1,663	1,900	2	1.08
SMVHWA-240	20'	20'	1,000	1,250	1,500	1,750	2,000	2	1.16

SEE CATALOG PAGE I-7 TO SELECT A VENT-HOOD SUPPORT
WIDE VENT-HOODS ARE AVAILABLE IN LENGTHS LESS THAN TEN FEET AND HAVE ONE STACK

5-25-12



SEBASTIAN DARKROOM PRODUCTS™

DIVISION OF CALIFORNIA STAINLESS MFG., INC.

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TOLL FREE (888) 712-7035 FAX (805) 484-1030

calstainless@aol.com www.sebastiandarkroomprod.com