

PERCHLORIC FUME HOOD:

The perchloric style fume hood is designed for working with perchloric acids. All exposed areas within the hood are constructed from 316 stainless steel that is at least 16-gauge material. The sash and the airfoil are also constructed from the same materials. This hood is like the Control Air style hood in that it has the same double walled construction for electrical and plumbing installations. The outer side panels are removable for access to plumbing and wiring. The exterior is constructed of furniture steel and painted with a corrosion and chemical resistant finish. The sash is designed to operate smoothly and has a single counter balance weight. The sash encapsulates double paned laminated safety glass that is 1/4" thick.

The interior is completely welded together including the work surface except for the baffles which are removable and adjustable. The work surface has a 1/4" dish and a trough with a 1 1/2" diameter drain that runs along the back of the hood this helps control spills and clean up. The trough is integrated into the work surface and is sloped down to the drain. All horizontal and vertical angles are coved. This hood also features a wash down system to aid in cleaning up the interior after use.

Services-

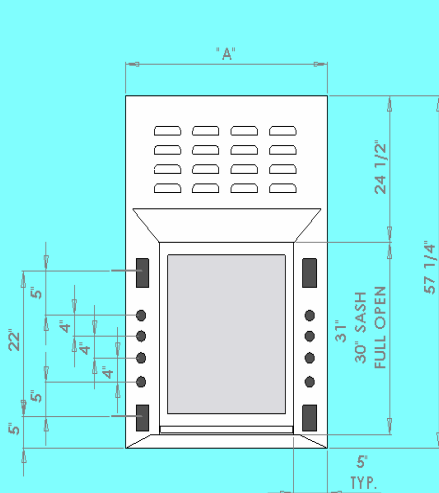
The Perchloric style hood comes standard with a two-tube fluorescent light and round exhaust duct. Optional services include a light switch, blower switch, air, gas, vacuum, water, electrical receptacles, incandescent vapor proof light, and square duct. All fixtures are optional. The post front panels are pierced based on customer request as well as fixture locations within the liner. If no fixtures or receptacles are requested with locations then no holes will be pierced in the post or liner. This hood is used in variable air and bypass air systems. For the bypass system you must use the louvered front panel when ordering this hood.

PERCHLORIC STANDARD FUME HOOD SIZES					
MODEL NO.	"A" WIDTH	HEIGHT	DEPTH	EXHAUST DUCT	BLOWER PRT. NO.
100-035-PFH	35"	57 3/4"	32 7/8"	8" DIAMETER	1PF-RTB-035
100-036-PFH	36"	57 3/4"	32 7/8"	8" DIAMETER	1PF-RTB-036
100-047-PFH	47"	57 3/4"	32 7/8"	9" DIAMETER	1PF-RTB-047
100-048-PFH	48"	57 3/4"	32 7/8"	9" DIAMETER	1PF-RTB-048
100-058-PFH	58"	57 3/4"	32 7/8"	10" DIAMETER	1PF-RTB-058
100-060-PFH	60"	57 3/4"	32 7/8"	10" DIAMETER	1PF-RTB-060
100-070-PFH	70"	57 3/4"	32 7/8"	10" DIAMETER	1PF-RTB-070
100-072-PFH	72"	57 3/4"	32 7/8"	10" DIAMETER	1PF-RTB-072

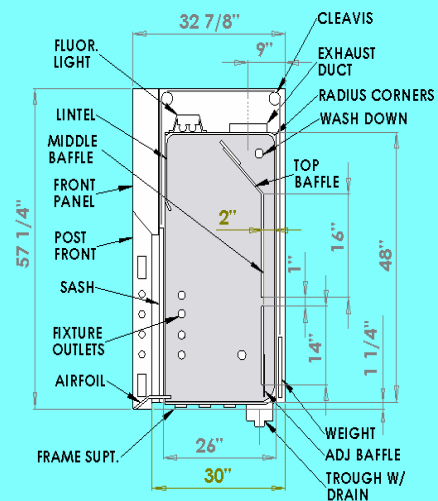
Note: Blowers are offered in single or three phase, this model uses EXPLOSION PROOF ONLY.

Applications: Industrial, Institutional, & University

Added Accessory options: Chain and sprocket sash, explosion proof lights and electrical fixtures, special chemical resistant coated plumbing fixtures, alarms, sash sensor w/ alarm, ceiling enclosures, pre-wire, pre-plumb, sash stops.



FRONT VIEW



SIDE VIEW