

**WALK-IN FUME HOOD:**

The walk-in style fume hood is constructed of furniture steel and painted with a corrosion resistant finish. The large front sash lend themselves to be useful when larger equipment is being used, the hood allows roll in and out access. The hood design is similar to the Control Air style hood with its double walled construction for plumbing and electrical installations. This unit utilizes duel sash that operate independently of each other. Each sash houses a 1/4" laminated safety glass panels that are encapsulated in a steel frame painted to match the hood. Each sash uses its own independent single counter balance weight for smooth and reliable operation.

The interior is constructed out of a white poly resin that is both chemical resistant and easy to maintain. The interior baffle configuration allows for adjustment at the top, center, and bottom.

**Services-**The WI style hood comes standard with a two tube fluorescent light and round ducts. Optional services include an incandescent vapor proof light, light switch, blower switch, air, gas, vacuum, water, electrical receptacles, and square duct when specified. Also wall mount cup sinks are available for this hood type. Fixture configurations are optional based on customer needs. The access panels in the post front are pierced based on the customers request otherwise there will be no cutouts. The hood liner is also pierced in pre-identified locations based on request otherwise the liner will not have holes. For more options and to add items to this style hood look in the accessories section in this catalog. This hood is used in variable air and bypass air systems.

When the hood is used in a constant volume system the front panels must have louvers pierced through for more airflow. This is especially true when the sash is closed and the air flows over the top of the sash and through the hood.

**WALK-IN STANDARD FUME HOOD SIZES**

MODEL NO.	"A" WIDTH	HEIGHT	DEPTH	EXHAUST DUCT	BLOWER PRT. NO.
100-035-WIH	35"	93"	32.875"	8" DIAMETER	1WI-RTB-035
100-036-WIH	36"	93"	32.875"	8" DIAMETER	1WI-RTB-036
100-047-WIH	47"	93"	32.875"	9" DIAMETER	1WI-RTB-047
100-048-WIH	48"	93"	32.875"	9" DIAMETER	1WI-RTB-048
100-058-WIH	58"	93"	32.875"	10" DIAMETER	1WI-RTB-058
100-060-WIH	60"	93"	32.875"	10" DIAMETER	1WI-RTB-060
100-070-WIH	70"	93"	32.875"	10" DIAMETER	1WI-RTB-070
100-072-WIH	72"	93"	32.875"	10" DIAMETER	1WI-RTB-072
100-094-WIH	94"	93"	32.875"	2 - 10" DIA.	1WI-RTB-094
100-096-WIH	96"	93"	32.875"	2 - 10" DIA.	1WI-RTB-096

Note: Blowers are sold in single or three phase electrical options and explosion proof if required. Single phase draw is 115V. 60Hz. typical.

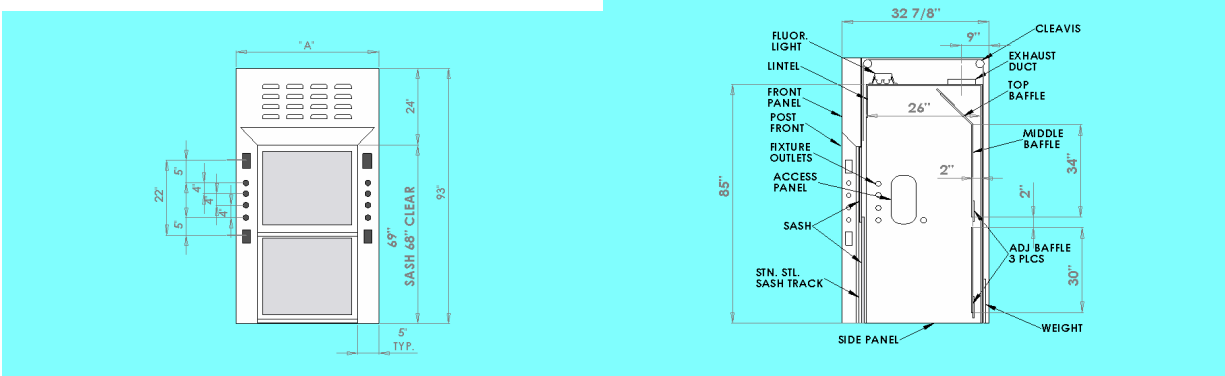
**Applications:** Industrial & University

**Added Accessory options:** explosion proof lights and electrical fixtures, special chemical resistant coated plumbing fixtures, alarms, sash sensor w/ alarm, ceiling enclosures, pre-wire, pre-plumb, work surfaces. Lattice racks, sash configurations and material choice, cup sinks, floor pans, and sash stops.

The WI type fume hood can also be ordered with the Control Air post configuration. Alarms can be ordered along with the standard complement of fixtures which include cup-sinks, gooseneck, down spout, angle and strait connections. A countertop can also be ordered for the hood that either folds up or is slid into place. Another option not included in the accessories section of this catalog is a floor capture tray made of stainless steel or painted furniture steel, the tray is designed to contain spills.

One of the more common add on features that are special pertain to adding a countertop to the hoods interior. The counter top is constructed to swing down out of the way when it is not needed. This design allows the end user another degree of control when utilizing the interior hood space.

And for those locations where the possibility of an earthquake is apparent we offer a wall mount adjustable bracket system. This allows the contractor to secure the hood into position and greatly reduce the possibilities of a fume hood structure falling over or vibrating out of position.



FRONT VIEW

SIDE VIEW