

RADIO ISOTOPES HOOD:

The radio isotopes hood is based on the CA style hood in that it utilizes the airfoil fascia. The exterior is constructed of furniture steel and painted with a corrosion resistant finish. This hood also uses the double wall construction to permit the installation of electrical and plumbing fixtures within the hood. The RI hood has removable sealed access panels inside the working area and externally by removing the outer side panels.

The major difference in this hood is the interior and its construction. The RI fume hood is specifically designed to help protect the operator while working with radio-active materials. The interior liner is constructed from type 304 stainless steel that is 16-gauge and finished to a number 4 grade. The interior is completely welded including the counter top work surface. The counter top is dished to help capture spills and also has an integral 3"x6" cup sink with drain. All corners and horizontal joints to have at least a 3/4" radius, this helps with interior cleanup and decontamination. The interior baffles are removable and fully adjustable and are also 304 stainless steel. The complete sash along with the airfoil are also 304 stainless steel. The sash operates smoothly with a single counter balanced weight.

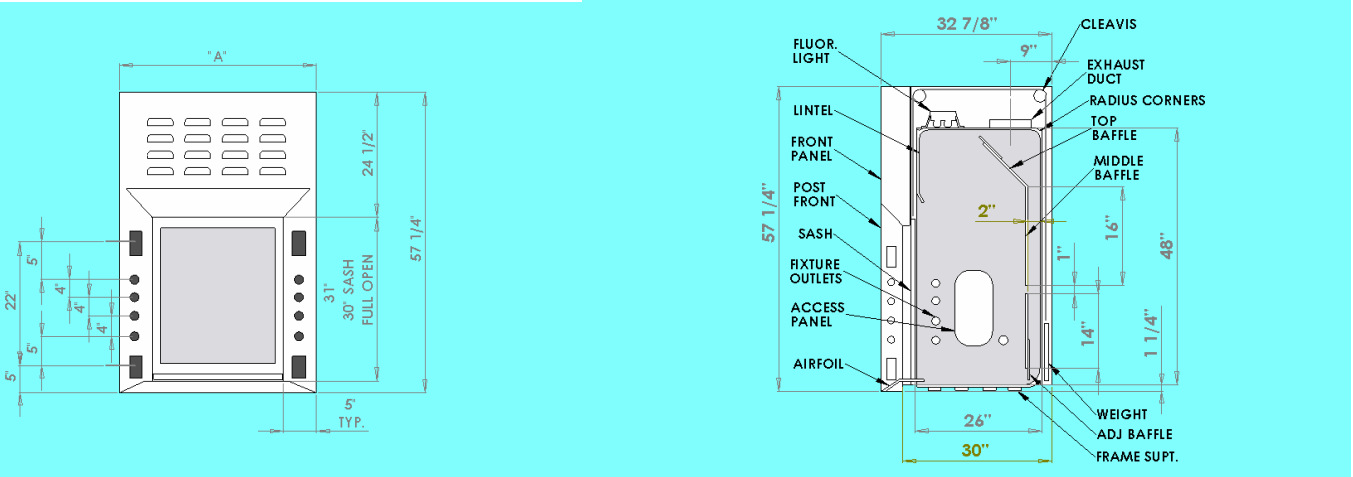
Services-

The Radio Isotopes 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, and an incandescent vapor proof light. All fixtures are optional. The post fronts 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 louvers are punched into the front panel to allow a constant source of air flow into the fume hood when the sash is closed. The air is allowed to flow over the sash and then into the hood to be exhausted out.

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

Note: Blowers can be ordered single or three phase and explosion proof is optional. Single phase 115V. 60Hz. Typical.



FRONT VIEW

SIDE VIEW

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 configurations, and sash stops.