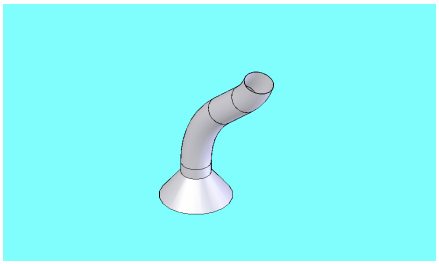
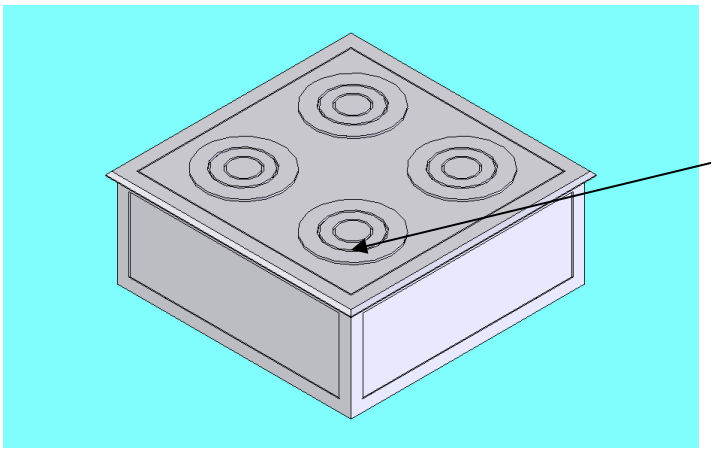
## SNORKEL HOODS



Stainless steel snorkel hoods shown.
Hood comes standard with adjustable wall mounting rod assembly to position snorkel.
One ten foot section of 6" diameter flexible duct.
We also offer a plastic version not shown contact your dealer for more information and ordering information.

These local exhaust systems are typically used with atomic absorption spectrophotometers or flame photometer equipment. Also great for local heat / exhaust removal from ovens or burners. Note the plastic version should not be used for heat removal applications.
**Stainless steel Snorkel Hood – prt. # 109-012-SNH-SS**
Plastic Snorkel Hood – prt. # 109-012-SNH-PL (not shown)

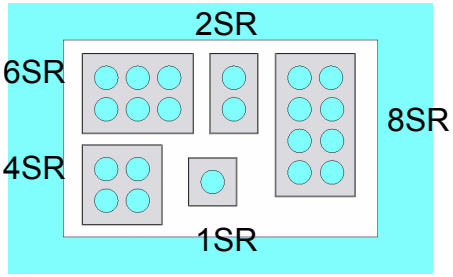
## STEAM and HEATED WATER BATHS



**STANDARD PRODUCT FEATURES:**

- Stainless steel construction type 304.
- Surface and concentric rings a number 4 finish.
- To retain heat and function properly baths are completely insulated.
- Bath mounts flush with work surface.
- Includes overflow and all elements including controls.

**DSHW DIRECT STEAM HEATED WATER OR STEAM BATH**
Dimensions as listed, Depth 6" With removable overflow, remote controlled steam valve and cold water "fill" valve. Water is heated and circulated by direct induction of steam through jet action steam jet. Converts to a steam bath with overflow removed.
Example Part No.: **DSHW-*1SR***




**EHW ELECTRICALLY HEATED WATER**
Dimensions as listed, Depth 6". Electrically heated water baths have quick acting immersion heaters with thermostatically controlled combination switch and pilot light featuring thermal overload protection. Single phase, 250V current is recommended.
Example Part No.: **EHW-*1SR***

**STANDARD SIZES**
1SR = One set of 6 removable rings, 16" X 16"
2SR = 2 sets of 5 removable rings, 16" X 9"
4SR = 4 sets of 5 removable rings, 16" X 16"
6SR = 6 sets of 5 removable rings, 24" X 16"
8SR = 8 sets of 5 removable rings, 31" X 16"

# GLOSSARY OF FUME HOOD TERMS:

**ADA** – Americans with Disabilities Act

**ADAG** – Americans with Disabilities Act Guidelines

**Air Foil** – Streamlined member at the hood opening designed to improve air flow into the hood

**Air Volume** – Rate of air flow, expressed in cubic feet per minute (CFM)

**ASHRAE** – American Society of Heating, Refrigerating and Air Conditioning Engineers, a professional group that sets industry accepted standards for fume hood testing procedures

**Auxiliary Air** – Supply or make-up air administered externally to the front of the hood to reduce room air consumption

**Baffle** – Panels located in front of the hoods interior back panel that control the pattern of the air moving through the hood

**Bench-Type** – Type of fume hood designed to rest atop a pedestal or base cabinets

**Blower** – Air moving device (fan) consisting of motor, impeller and scroll

**Bypass** – Compensating opening that allows for unobstructed airflow that helps maintain constant volume exhaust from fume hood, regardless of sash position

**Canopy Hood** – Ventilating device typically suspended from the ceiling used to dissipate heat, water vapor, odors, etc.

**CFM** – Cubic Feet per Minute: unit of air volume measurement

**Combination Sash** – Horizontal sliding safety glass panels in a vertically rising frame, (Sash)

**Constant Volume** – Type of fume hood exhaust system that exhausts the same volume of air regardless of the sashes position

**Containment** – Function of fume hood to control fumes within the hoods interior compartment

**Damper** – A device installed within the duct to control the volume of air passing through

**Demonstration Hood** – Fume hood accessible from two sides with a viewing window in one end used for demonstration purposes

**Duct** – Round, square, or rectangular tube used to encapsulate air

**Duct Velocity** – Speed of air moving through the duct, measured in (FPM)

**Exhaust Collar** – Place where the exhaust duct connects to the fume hood and passage for all exhausted air from hood

**Exhaust Volume** – The quantity of air exhausted by the fume hood; the volume of air passing through the duct measured in CFM to maintain a determined face velocity

**Face Velocity** – Speed of air moving into fume hood through the hoods face opening (sash), measured in (FPM)

**FPM** – Feet Per Minute; measurement of air velocity

**Fume Hood** – Five sided ventilated enclosure used in laboratories to control, collect, and exhaust contaminants

**Liner** – Fume hood interior sides, back, top, lintel, and baffles

**Lintel** – Portion of fume hood front located above the hoods face opening (sash)

**Louvers** – Slit-like openings punched into hoods front panels

**Magnehelic** – Type of gauge suitable for measuring low air pressure

**Manometer** – Measures air pressure differential

**NFPA** – National Fire Protection Association

**Restricted Bypass Fume Hood** – Fume hood operating type, Designed with limited bypass area; commonly used in conjunction with VAV exhaust systems and restricted sash openings

**Sash** – Sliding safety glass panel set in fume hood face that protects the fume hood operator from exposure to chemicals and fumes inside the hood

**Service Fitting** - Faucets and gas valves mounted to the fume hood

**Static Pressure** – Air pressure, or resistance, in the hood or duct, expressed in inches of water

**Superstructure** – Portion of the fume hood supported by the base cabinets, pedestals, and the work surface or the floor

**Total Pressure** – The sum of velocity pressure and static pressure as measured in duct

**Variable Air Volume** – Type of fume hood exhaust system that typically maintains a constant face velocity by adjusting the blower motor speed or the use of a balance damper in response to changes in the sash position

**Velocity** – speed of air, measured in Feet Per Minute (FPM)

**Walk-In** – Tall in height type of fume hood, designed for tall and large equipment and apparatus

**Water Gauge** – Measuring device using the weight of a column of water, calibrated in inches

**Work Surface** – Top material typically epoxy resin and stainless steel: area in the fume hood where apparatus rests and where work takes place

**NIH** – National Institute of Health

***Note: The information provided within this catalog can change without notification as items maybe modified, dropped, or added.***