

# Pre-Wired and Pre-Piped

## Specifications:

**Pre-Wired** — All Supreme Air Fume Hoods may be Pre-Wired at the factory. Pre-Wired hoods are wired using flexible metallic conduit to a single junction box located at the top of the hood for a single point connection at the job site. UL listing is available on standard pre-wired configurations. Contact Kewaunee's Engineering Department for non-standard electrical requirements.

**Option H must be selected for fume hoods to be UL listed.**

**Pre-Piped** — In addition all Supreme Air Fume Hoods may Pre-Piped at the factory when pre-piped fittings are selected. Piping is routed to the rear of the hood, in the side of the hood that the fittings are mounted. (If fittings are mounted in both ends, there are two connection points.) Piping may be routed either to the top

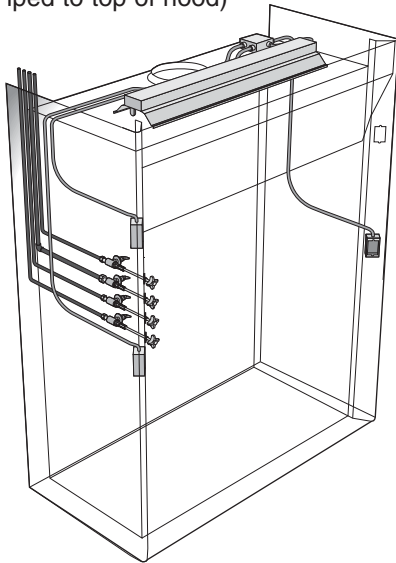
or bottom of the hood as specified.

### Standard 3/8" Piping Materials

Water — Hard Drawn Type L Copper  
 Gas — Black Steel  
 Vacuum — Hard Drawn Type L Copper  
 Air — Hard Drawn Type L Copper  
 DI Water — PVC  
 Other — Hard Drawn Type L Copper  
 (Copper connections made with lead free solder, black steel connections are threaded)

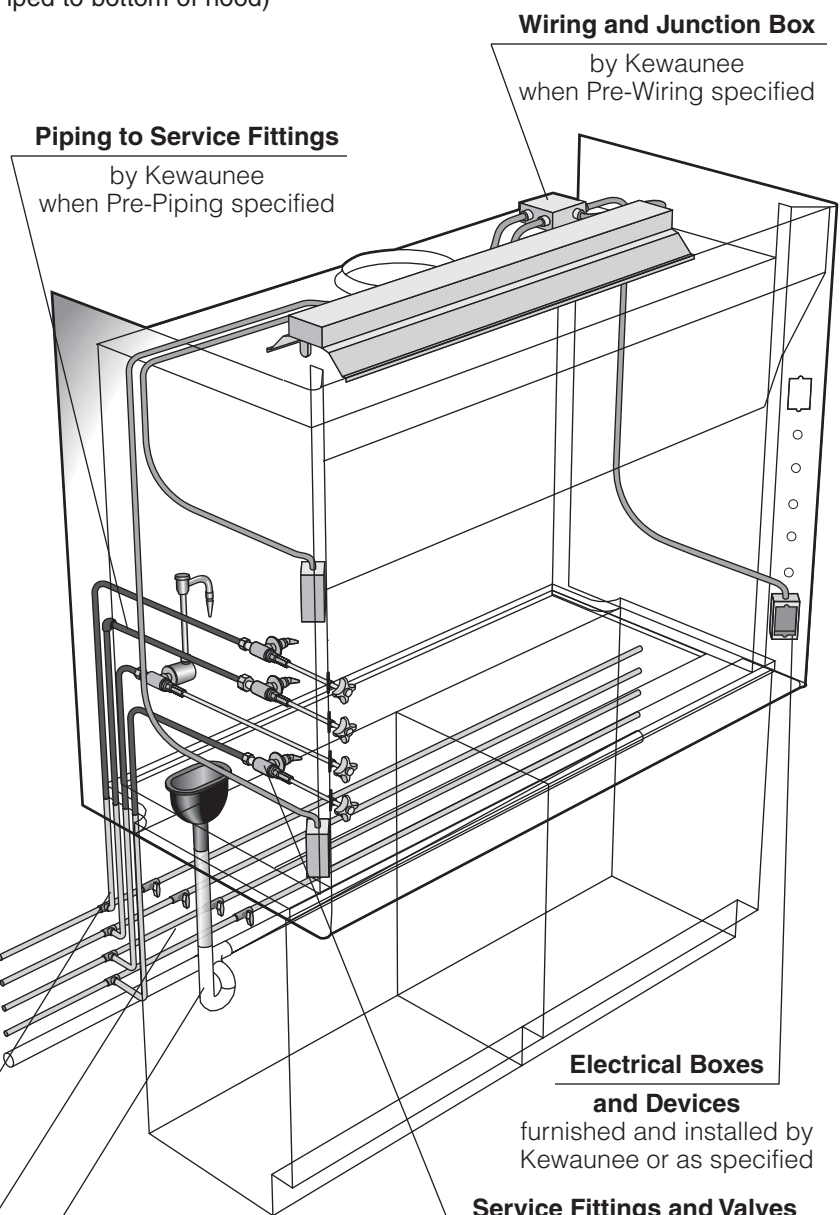
### Typical Walk-In Hood

(Piped to top of hood)



### Typical Fume Hood with Plumbing & Wiring Connections

(Piped to bottom of hood)



#### Wiring and Junction Box

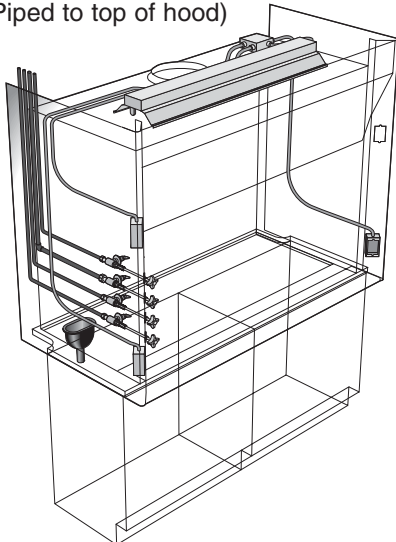
by Kewaunee when Pre-Wiring specified

#### Piping to Service Fittings

by Kewaunee when Pre-Piping specified

### Typical Bench Hood

(Piped to top of hood)



#### Final Connection

supplied and connected by others

#### Supply Lines with shut-off valves

supplied and connected by others

#### Electrical Boxes

#### and Devices

furnished and installed by Kewaunee or as specified

#### Service Fittings and Valves

furnished and installed by Kewaunee or as specified (typical for both sides of hood)

#### Waste Line - Trap - Tailpiece

supplied and installed by others

# Sinks and Cupsinks

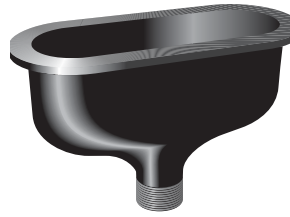
## Cupsinks



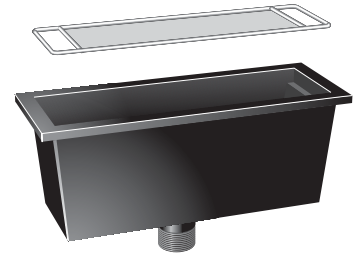
**0499-BP** Black Poly  
Complete with integral strainer, 12" horizontal tail-piece, and 90° elbow with 1 1/2" IPS male straight thread outlet. Cupsink inside dimension, 5 1/2" x 3 1/2". (Overall height is 7", tailpiece and elbow not illustrated)



**0491-BP** Black Poly  
Complete with removable strainer. 6" x 3" inside dimension. 1 1/2" IPS male straight thread outlet. (Overall height is 8")

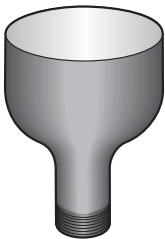


**0492-BP** Black Poly  
Complete with removable strainer. 9" x 3" inside dimension. 1 1/2" IPS male straight thread outlet. (Overall height is 7")



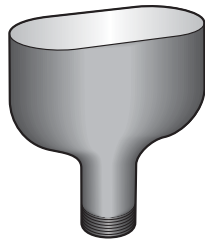
**0493-BE** Black Epoxy  
Complete with gasket and removable type 316 stainless steel wire screen. 13 3/8" x 4 1/8" x 5 1/4" I.D. 1 1/2" IPS male straight thread outlet. (Overall height is 8")

## Stainless Steel Cupsinks



**0950-00** Stainless Steel  
Made of type 304 stainless steel and has integral cross bars. 5" I.D. 1 1/2" IPS male straight thread outlet. Designed to be welded into stainless steel tops.

**0951-00** Stainless Steel  
Same as 0950-00 except made of type 316 stainless steel.



**0975-00** Stainless Steel  
Made of type 316 stainless steel and has integral cross bars. 6" x 3" I.D. 1 1/2" IPS male straight thread outlet. Designed to be welded into stainless steel tops.

## Side Mounted Cupsink



**0476-BP** Black Poly  
Molded of black polyolefin resins. Complete with 90° union elbow. Designed to be mounted in a vertical panel not over 1/4" thick. 6" x 3" inside dimension. 1 1/2" IPS male straight thread outlet.

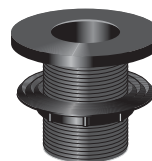
## Epoxy Resin Tub Sinks



Tub sinks are one piece molded of modified epoxy resins and cured at high temperatures for maximum chemical, impact, and thermal shock resistance. All inside corners are covered and the bottom is pitched to the drain cutout. All dimensions are inside.

| Cat. No.       | L   | H                     | W      |
|----------------|-----|-----------------------|--------|
| <b>1000-00</b> | 14" | 6"                    | 10"    |
| <b>1001-00</b> | 16" | 7"                    | 8"     |
| <b>1003-00</b> | 18" | 11 <sup>13/16</sup> " | 15"    |
| <b>1005-00</b> | 25" | 10"                   | 15"    |
| <b>1006-00</b> | 18" | 8"                    | 15"    |
| <b>1007-00</b> | 24" | 8"                    | 16"    |
| <b>1011-00</b> | 18" | 6"                    | 6 1/2" |
| <b>1021-00</b> | 16" | 7 1/2"                | 16"    |

## Sink Outlet



**0482-BP** Black Poly  
Complete with locknut. 1 1/2" IPS male straight thread outlet. For use with epoxy resin tub sinks and troughs.

## Sink Overflow



**0494BP-04** 4" High  
**0494BP-06** 6" High  
**0494BP-08** 8" High  
**0494BP-10** 10" High  
Sink Overflows are designed to be used with 0482-BP sink outlets. 1 1/2" diameter.

# Fume Hood Service Fittings

## Specifications:

All Supreme Air Fume Hood Fittings include brass valve with replaceable seat, Nylon color-coded panel flange with angle serrated hose connector, or gooseneck with sepia bronze finish, plastic color-coded four arm handle, and tank nipple, locknut, and washer. Standard fittings also include remote control rod assembly and black plastic angle flange. They may be used on either side of the hood in any location. (They can not be used on Isotope or Perchloric Acid hoods.) Gooseneck fittings are available with either long or short rod handles for either front or rear fixture locations.

## Fitting Part Number Options:

Part Numbers shown below indicate the fittings will be installed in the hood at the factory. If the fittings are to be Pre-Piped, the **-I** at the end of the part number must be replaced by **-P**. If the fittings need to be shipped loose, omit the **-I** from the part number.

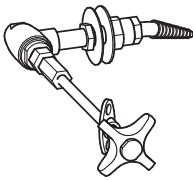
Fittings for services not listed may be specified by replacing the service indicator letter at the end of the part number with a **0** and specifying the service required.

**See page 52 for pre-piping option.**

## Service Fitting Color Codes:

|                 |             |
|-----------------|-------------|
| Air             | Orange      |
| Cold Water      | Dark Green  |
| Distilled Water | White       |
| Gas             | Dark Blue   |
| Hot Water       | Red         |
| Hydrogen        | Pink        |
| Nitrogen        | Brown       |
| Oxygen          | Light Green |
| Special Gases   | Light Blue  |
| Steam           | Black       |
| Vacuum          | Yellow      |

## Standard Remote Control Fittings

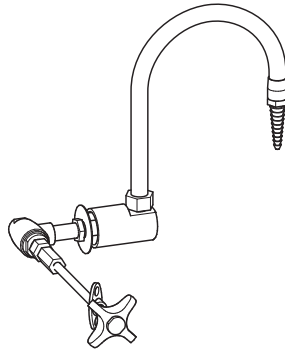


### Panel Flange with Angle Serrated Hose Connector

|                      |                 |
|----------------------|-----------------|
| <b>W-0860-3A-I</b>   | Air             |
| <b>W-0860-3G-I</b>   | Gas             |
| <b>W-0860-3V-I</b>   | Vacuum          |
| <b>W-0861-3S-I</b> * | Steam           |
| <b>W-0861-3W-I</b>   | Cold Water      |
| <b>W-0862-3D-I</b>   | Distilled Water |

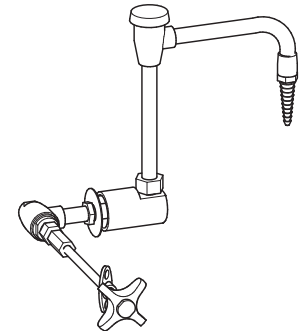
12<sup>1</sup>/<sub>2</sub>" Long Handle

\* Sepia bronze flange and connector



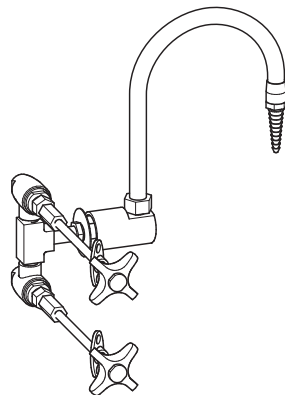
### Water Valve Gooseneck

|                     |  |
|---------------------|--|
| <b>W-0864-3W-I</b>  | 27 <sup>3</sup> / <sub>4</sub> " Long Handle |
| <b>W-0864-3WA-I</b> | 12 <sup>1</sup> / <sub>2</sub> " Long Handle |



### Water Valve Gooseneck with Vacuum Breaker

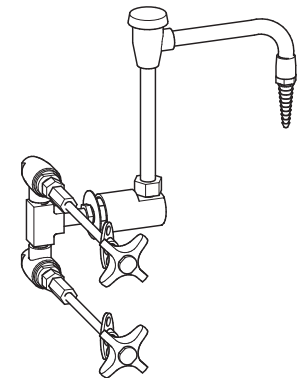
|                      |  |
|----------------------|--|
| <b>W-0864-3WV-I</b>  | 27 <sup>3</sup> / <sub>4</sub> " Long Handle |
| <b>W-0864-3WVA-I</b> | 12 <sup>1</sup> / <sub>2</sub> " Long Handle |



### Mixing Valve Gooseneck

|                     |  |
|---------------------|--|
| <b>W-0868-3W-I</b>  | 27 <sup>3</sup> / <sub>4</sub> " Long Handle |
| <b>W-0868-3WA-I</b> | 12 <sup>1</sup> / <sub>2</sub> " Long Handle |

(occupies two fitting holes)



### Mixing Valve Gooseneck with Vacuum Breaker

|                      |  |
|----------------------|--|
| <b>W-0868-3WV-I</b>  | 27 <sup>3</sup> / <sub>4</sub> " Long Handle |
| <b>W-0868-3WVA-I</b> | 12 <sup>1</sup> / <sub>2</sub> " Long Handle |

(occupies two fitting holes)

# Fume Hood Service Fittings

## Specifications:

Front Load Remote Control Fittings are ideal for hoods where space is tight or high levels of maintenance are expected, as they can be accessed from outside the hood at the front. They are used standard on Isotope and Perchloric Acid hoods, but may be specified as an option on all hoods by adding **Option G**. They must be ordered for use on either the left or right side of the hood. Front Load Fittings include brass valve with replaceable seat, Nylon color-coded panel flange with angle serrated hose connector, or gooseneck with sepia

bronze finish, plastic color-coded four arm handle, and tank nipple, locknut, and washer. They include the piping from the valve to the panel flange or gooseneck tank nipple when they are installed in the hood at the factory.

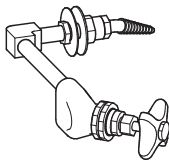
## Fitting Part Number Options:

Part Numbers shown below indicate the fittings will be installed in the hood at the factory. If the fittings are to be Pre-Piped, the **-I** at the end of the part number must be replaced by **-P**. If the fittings need to be shipped loose, omit the **-I** from the part number.

Fittings for services not listed may be specified by replacing the service indicator letters at the end of the part number with a **0** and specifying the service required.

**See page 52 for pre-piping option.**

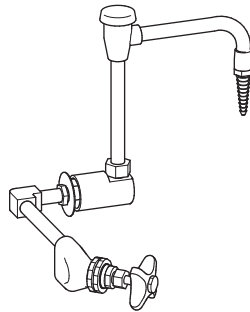
## Front Load Remote Control Fittings — Left Hand Mounting



**Nylon Panel Flange with Angle Hose Connector**

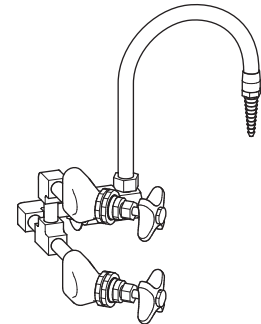
|                        |                 |
|------------------------|-----------------|
| <b>W-0739-L-AIR-I</b>  | Air             |
| <b>W-0739-L-GAS-I</b>  | Gas             |
| <b>W-0739-L-VAC-I</b>  | Vacuum          |
| <b>W-0739-L-STM-I*</b> | Steam           |
| <b>W-0739-L-CW-I</b>   | Cold Water      |
| <b>W-0739-L-FD-I</b>   | Distilled Water |

\* Sepia bronze flange and hose tip



**Water Valve Gooseneck**

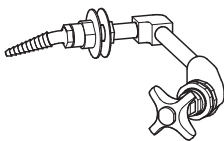
|                         |                                   |
|-------------------------|-----------------------------------|
| <b>W-0740-L-CW-I</b>    | Cold Water                        |
| <b>W-0740-L-CW-VB-I</b> | Cold Water<br>with Vacuum Breaker |



**Mixing Valve Gooseneck**

|                          |                                  |
|--------------------------|----------------------------------|
| <b>W-0740-L-HCW-I</b>    | H&C Water                        |
| <b>W-0740-L-HCW-VB-I</b> | H&C Water<br>with Vacuum Breaker |

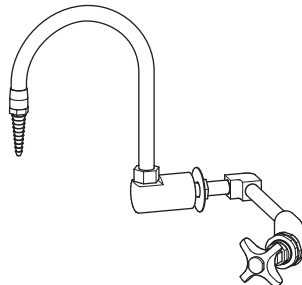
## Front Load Remote Control Fittings — Right Hand Mounting



**Nylon Panel Flange with Angle Hose Connector**

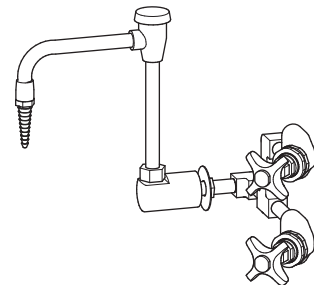
|                        |                 |
|------------------------|-----------------|
| <b>W-0739-R-AIR-I</b>  | Air             |
| <b>W-0739-R-GAS-I</b>  | Gas             |
| <b>W-0739-R-VAC-I</b>  | Vacuum          |
| <b>W-0739-R-STM-I*</b> | Steam           |
| <b>W-0739-R-CW-I</b>   | Cold Water      |
| <b>W-0739-R-FD-I</b>   | Distilled Water |

\* Sepia bronze flange and hose tip



**Water Valve Gooseneck**

|                         |                                   |
|-------------------------|-----------------------------------|
| <b>W-0740-R-CW-VB-I</b> | Cold Water                        |
| <b>W-0740-R-CW-VB-I</b> | Cold Water<br>with Vacuum Breaker |



**Mixing Valve Gooseneck**

|                          |                                  |
|--------------------------|----------------------------------|
| <b>W-0740-R-HCW-I</b>    | H&C Water                        |
| <b>W-0740-R-HCW-VB-I</b> | H&C Water<br>with Vacuum Breaker |

# LV Fume Hood Service Fittings

## Specifications:

Supreme Air LV Fume Hood Fittings include brass valve with replaceable seat, Nylon color-coded panel flange with angle serrated hose connector, or 90 degree water outlet with color coded epoxy finish, plastic color-coded four arm handle, and tank nipple, locknut, and washer. Standard fittings also include remote control rod assembly and black plastic angle flange. They may be used on either side of the hood in any location. The remote control rods are sized to match the length required if the fixture location is specified.

## Fitting Part Number Options:

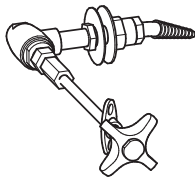
Part Numbers shown below indicate the fittings will be installed in the hood at the factory. If the fittings are to be Pre-Piped, the **-I** at the end of the part number must be replaced by **-P**. If the fittings need to be shipped loose, omit the **-I** from the part number.

Fittings for services not listed may be specified by replacing the service indicator letter at the end of the part number with a **0** and specifying the service required. **See page 52 for pre-piping option.**

## Service Fitting Color Codes:

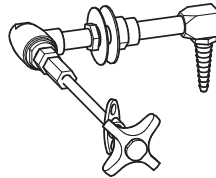
|                 |                  |
|-----------------|------------------|
| Air             | .....Orange      |
| Cold Water      | .....Dark Green  |
| Distilled Water | .....White       |
| Gas             | .....Dark Blue   |
| Hot Water       | .....Red         |
| Hydrogen        | .....Pink        |
| Nitrogen        | .....Brown       |
| Oxygen          | .....Light Green |
| Special Gases   | .....Light Blue  |
| Steam           | .....Black       |
| Vacuum          | .....Yellow      |

## Standard LV Remote Control Fittings



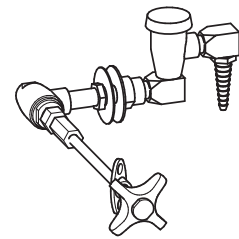
**Panel Flange with Angle Serrated Hose Connector**

- W-0860-4A-I** Air
- W-0860-4G-I** Gas
- W-0860-4V-I** Vacuum
- W-0861-4S-I \*** Steam
- W-0861-4W-I** Cold Water
- W-0862-4D-I** Distilled Water



**Water Valve Outlet**

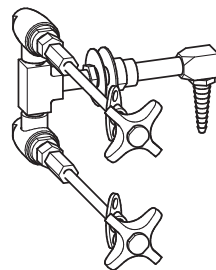
- W-0863-4W-I** Cold Water



**Water Valve Outlet with Vacuum Breaker**

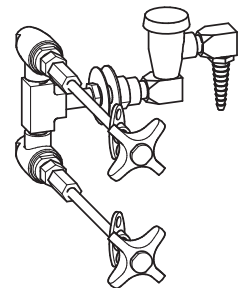
- W-0863-4WV-I** Cold Water with Vacuum Breaker

\* Sepia bronze flange and connector



**Water Mixing Valve Outlet**

- W-0863-4HCW-I** Hot & Cold Water (occupies two fitting holes)



**Water Mixing Valve Outlet with Vacuum Breaker**

- W-0863-4HCWV-I** (occupies two fitting holes)

# LV Fume Hood Service Fittings

## Specifications:

Supreme Air LV Front Load Remote Control Fittings are designed to complement the Supreme Air LV hoods. They feature an ergonomic 2<sup>1</sup>/<sub>8</sub>" dia., fluted, black polyethylene handle. As with other front load fixtures, the valve can be accessed from outside the hood at the front. They may be specified as an option only on Supreme Air LV hoods by adding **Option G**, and must be ordered for use on either the left or right side of the hood.

Supreme Air LV Front Load Fittings include brass valve with replaceable

seat, Nylon color-coded panel flange with angle serrated hose connector, or angled water outlet with colored epoxy finish, 2<sup>1</sup>/<sub>8</sub>" dia., fluted, black polyethylene handle, and tank nipple, locknut, and washer. They include the piping from the valve to the panel flange when installed in the hood at the factory.

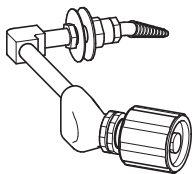
## Fitting Part Number Options:

Part Numbers shown below indicate the fittings will be installed in the hood at the factory. If the fittings are to be Pre-Piped, the **-I** at the end of the part number must be replaced by **-P**. If the fittings need to be shipped loose, omit the **-I** from the part number.

Fittings for services not listed may be specified by replacing the service indicator letters at the end of the part number with a **0** and specifying the service required.

**See page 52 for pre-piping option.**

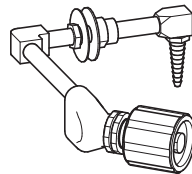
## Front Load LV Remote Control Fittings — Left Hand Mounting



**Nylon Panel Flange with Angle Hose Connector**

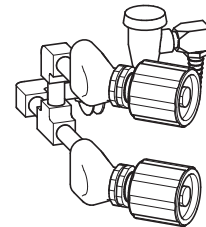
- W-0739-LV-AIR-I** Air
- W-0739-LV-GAS-I** Gas
- W-0739-LV-VAC-I** Vacuum
- W-0739-LV-STM-I\*** Steam
- W-0739-LV-FD-I** Distilled Water

\* Sepia bronze flange and hose tip



**Water Valve Outlet**

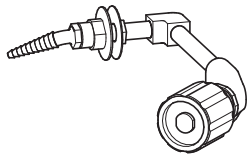
- W-0741-LV-CW-I** Cold Water
- W-0741-LV-CW-VB-I** Cold Water with Vacuum Breaker



**Mixing Valve Outlet**

- W-0741-LV-HCW-I** Hot & Cold Water
- W-0741-LV-HCW-VB-I** H&C Water with Vacuum Breaker

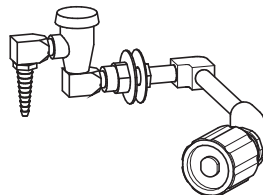
## Front Load LV Remote Control Fittings — Right Hand Mounting



**Nylon Panel Flange with Angle Hose Connector**

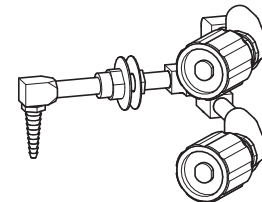
- W-0739-RV-AIR-I** Air
- W-0739-RV-GAS-I** Gas
- W-0739-RV-VAC-I** Vacuum
- W-0739-RV-STM-I\*** Steam
- W-0739-RV-FD-I** Distilled Water

\* Sepia bronze flange and hose tip



**Water Valve Outlet**

- W-0741-RV-CW-I** Cold Water
- W-0741-RV-CW-VB-I** Cold Water with Vacuum Breaker



**Mixing Valve Outlet**

- W-0741-RV-HCW-I** Hot & Cold Water
- W-0741-RV-HCW-VB-I** H&C Water with Vacuum Breaker

# Water & Steam Baths

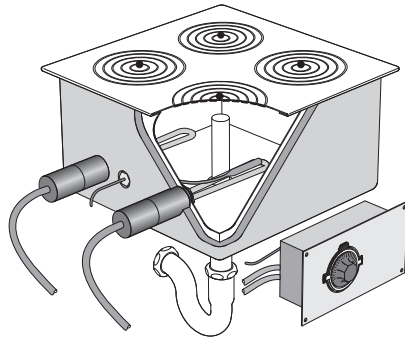
## Specifications:

Kewaunee Steam and Water Baths are constructed of stainless steel sides and bottom, with the outside fully insulated. The stainless steel top is integral to the sides and bottom and has cutouts for the removable stainless steel concentric rings.

Heating coils are made of tinned copper. All steam and water baths are furnished complete with removable stainless steel overflow, supply and drain fittings and 1/4" chrome plated brass "P" trap as shown.

The Electrically Heated Water Bath is furnished with twin heating elements, temperature probe, thermostatic control switch and enclosure. (Specify cabinet type in which control switch will be mounted and heating element voltage, 120 or 240 Volt AC.)

### Electrically Heated Water Bath



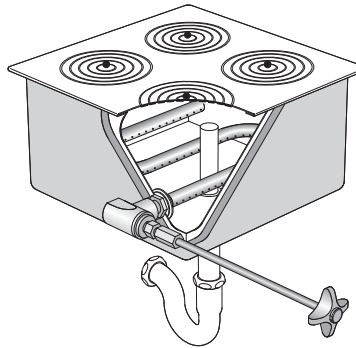
Specify 120 or 240 Volt AC.  
Specify control switch box for wood or steel base cabinet.

| Part No.        | Openings | Power Consumption |
|-----------------|----------|-------------------|
| <b>0560-01</b>  | 1        | 1500 watts        |
| <b>0560-02</b>  | 4        | 1500 watts        |
| <b>0560-03</b>  | 6        | 2000 watts        |
| <b>0560-04</b>  | 4        | 2000 watts        |
| <b>0560-05</b>  | 6        | 2500 watts        |
| <b>0560-06*</b> | 8        | 4500 watts        |

\*240 Volt AC operation only

**Does not include water supply valve or fixture**

### Combination Steam Vapor and Hot Water Bath



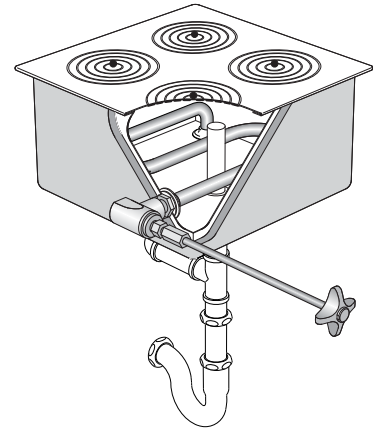
Perforated coil allows unit to become steam bath when overflow is removed.

| Part No.       | Openings | Steam Consumption* |
|----------------|----------|--------------------|
| <b>0561-01</b> | 1        | 5 lbs./hour        |
| <b>0561-02</b> | 4        | 5 lbs./hour        |
| <b>0561-03</b> | 6        | 7 lbs./hour        |
| <b>0561-04</b> | 4        | 7 lbs./hour        |
| <b>0561-05</b> | 6        | 9 lbs./hour        |
| <b>0561-06</b> | 8        | 15 lbs./hour       |

\*Maximum pressure of 15 lbs./sq.in.

**Does not include water supply valve or fixture**

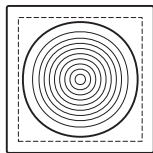
### Steam Heated Water Bath



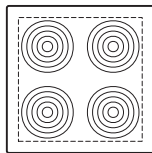
| Part No.       | Openings | Steam Consumption* |
|----------------|----------|--------------------|
| <b>0562-01</b> | 1        | 5 lbs./hour        |
| <b>0562-02</b> | 4        | 5 lbs./hour        |
| <b>0562-03</b> | 6        | 7 lbs./hour        |
| <b>0562-04</b> | 4        | 7 lbs./hour        |
| <b>0562-05</b> | 6        | 9 lbs./hour        |
| <b>0562-06</b> | 8        | 15 lbs./hour       |

\*Maximum pressure of 15 lbs./sq.in.

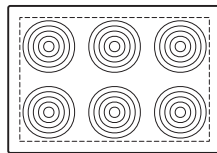
**Does not include water supply valve or fixture**



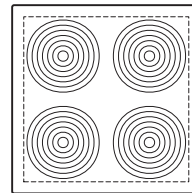
Type 01 Bath



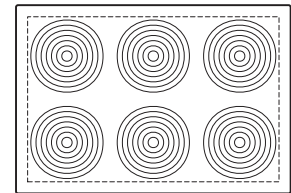
Type 02 Bath



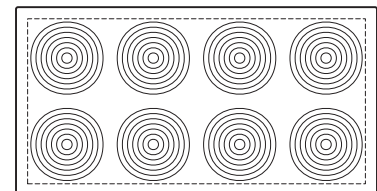
Type 03 Bath



Type 04 Bath



Type 05 Bath



Type 06 Bath

| Bath Type | Top Dimension L | Top Dimension W | Inside Dimension L | Inside Dimension W | Inside Dimension H | Top Openings | Opening Diameter | Rings |
|-----------|-----------------|-----------------|--------------------|--------------------|--------------------|--------------|------------------|-------|
| <b>01</b> | 14 1/4"         | 14 1/4"         | 12"                | 12"                | 7"                 | 1            | 1 1/4"           | 9     |
| <b>02</b> | 14 1/4"         | 14 1/4"         | 12"                | 12"                | 7"                 | 4            | 4 7/8"           | 4     |
| <b>03</b> | 20 5/8"         | 14 1/4"         | 18 3/8"            | 12"                | 7"                 | 6            | 4 7/8"           | 4     |
| <b>04</b> | 18 1/4"         | 18 1/4"         | 16"                | 16"                | 7"                 | 4            | 6 7/8"           | 6     |
| <b>05</b> | 26 5/8"         | 18 1/4"         | 24 3/8"            | 16"                | 7"                 | 6            | 6 7/8"           | 6     |
| <b>06</b> | 35"             | 18 1/4"         | 32 3/4"            | 16"                | 7"                 | 8            | 6 7/8"           | 6     |

# Fume Hood Electrical Fixtures

## Specifications:

All Electrical Fixtures except the fan switch are complete with 2 1/2" deep steel electrical box, stainless steel face plate, and a 3-wire polarized grounding device, ivory in color. The fan switch is furnished with a specially sized 2" deep cast aluminum electrical box, stainless steel face plate, and motor rated starter switch, grey in color. Single gang receptacles and switches may be mounted in the

fume hood vertical fascia. Double gang fittings and the Powerstat variable power controller must be mounted in the base cabinet below.

### Fixture Part Number Options:

Part Numbers shown below indicate the fittings will be installed in the hood at the factory. If the fixtures are to be Pre-Wired, the **-I** at the end of the part number must be replaced by **-P** and

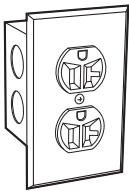
the H-Option added to the hood.

If the fixtures need to be shipped loose, omit the **-I** from the part number.

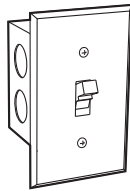
**Option H must be selected for fume hoods to be UL listed.**

**See page 52 for pre-wiring option.**

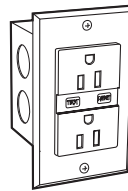
## Electrical Fixtures for mounting in Supreme Air Fume Hoods and Base Cabinets



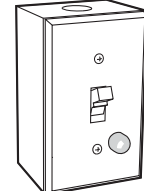
**0581-1V-I** 120 volt AC, specification grade, 20 amp, single duplex, receptacle.



**0655-1V-I** Toggle Switch single pole, 120/240 volt AC, 20 amp.



**0656-1V-I \*** 120 Volt GFI specification grade, 20 amp, ground fault protected, single duplex receptacle.



**0695-1S-I** Fan Switch Motor rated starter switch with pilot light mounted in a single gang receptacle box complete with face plate, 120 volt pilot light, and double pole toggle switch with thermal overload protection for up to 1 HP single phase, 60 hertz 120/240 volt AC motors. (Thermal unit not provided)

**0582-1V-I** 240 volt AC, specification grade, 20 amp, single duplex, receptacle.

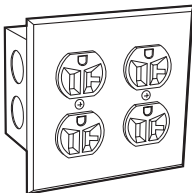
(not pictured)

**0593-1V-I** Combination Toggle Switch/Receptacle specification grade, receptacle, 20 amp; single pole, 20 amp. 120/240 VAC, switch.

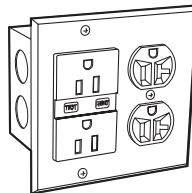
(not pictured)

\* Note: One ground fault interrupter will protect all outlets on the same circuit.

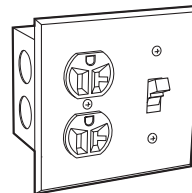
## Electrical Fixtures for mounting in Base Cabinets (will not fit in fume hood)



**0581-6V-I** 120 volt AC, specification grade, 20 amp, double duplex, receptacle.



**0657-6V-I \*** 120 volt GFI specification grade, 20 amp, ground fault protected, double duplex receptacle.



**0589-6V-I** 120 volt AC with Toggle Switch specification grade, 20 amp, double duplex, receptacle and single pole, 120/240 volt AC, 20 amp toggle switch.

**0582-6V-I** 240 volt AC, specification grade, 20 amp, double duplex, receptacle.

(not pictured)

\* Note: One ground fault interrupter will protect all outlets on the same circuit.

## Variable Power Controllers

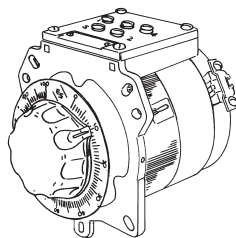
**0767-00** Powerstat Variable Power Controller

### Ratings:

Input: 120 VAC  
50/60 hertz, single phase

Output: 0-120 VAC  
or 0-140 VAC

Max. Load: 10 amp.

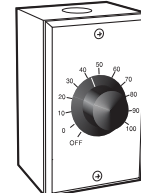


Requires separate on/off control.

**0767-01-I** Ohmitrol Solid State Variable Power Controller

### Ratings:

Input: 120 VAC  
Output: (RFI filtered) 30-120 VAC  
Max. Load: 1KW, 8.3 A  
Trimmer Range: 10-50 Volts



# Fume Hood Alarms & Safety Devices

## Air Alert 600 Fume Hood Monitor – Option M

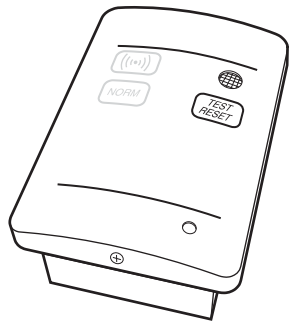


**X-018718 Air Alert 600 Fume Hood Monitor** consists of a thermistor sensor mounted on the fume hood interior wall and connected to fume hood containment cavity by a sensor port. A tube to the fume hood fascia completes monitored air path. The monitor measures and records the fume hood face velocity and sounds an alarm when the airflow falls below safe levels. Green, amber, and red LEDs signal safe, marginal, and low face velocity conditions. Alarm and lights are augmented by a digital liquid crystal readout and a visual one-hour

"Event Timeline" that records alarm occurrences and their length for a continually updated one-hour time interval. Mounted on the hood fascia, the control monitor also contains "enter", "+", and "-" buttons that offers the hood user a variety of alarm features. Alarm setpoints, metric or classical units, alarm delay intervals, nighttime setback, and muting options are all programmable. The Air Alert 600 operates on 9-30 volts AC or DC and comes complete with an adapter that can be plugged into any 120 VAC receptacle.

Contact Kewaunee factory when using Air Alert 600 on existing horizontal sash or combination sash fume hood.

## Air Alert 300 Face Velocity Airflow Alarm – Option W and Option Z



**Option W**

Air Alert 300 Airflow Alarm mounted on right-hand fascia below blank face plate replacing uppermost fixture hole.

**Option Z**

Air Alert 300 Airflow Alarm mounted on right-hand fascia replacing blank face plate.

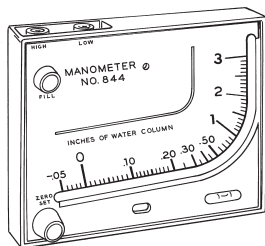
**X-018528-S Air Alert 300/AirGard 200** consists of a thermistor sensor mounted through the end wall of the hood, and a control monitor that gives both a visual and audible alarm. The alarm monitors the fume hood face velocity and sounds an alarm when the airflow falls below safe levels. A glowing green light signals when conditions

are again safe. The control monitor, which is mounted on the hood fascia, also contains a test/reset button that allows the hood user to verify alarm readiness.

The Air Alert 300 operates on a 9 volt DC circuit and comes complete with an adapter that can be plugged into any 120 VAC receptacle.

**Air Alert 300 not recommended for use with Auxiliary Air Fume Hoods**

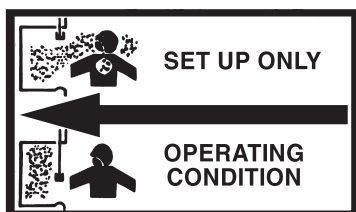
## Inclined Manometer



**0844-00** Inclined Manometer Housed in a molded plastic case, it is excellent for general purpose work, including measurement of air filter resistance, fume hood static pressures, and other pressure

differentials. Complete with 8 feet of flexible double column plastic tubing, two 1/8" N.P.T. connector fittings with nuts, two mounting screws, 3/4 oz. bottle of indicating fluid and complete instructions.

## Sash Label



Half-Size  
Actual Label 2 1/2" x 4"

**F-4803-00** Sash Open Safety Label Designed to be used with Gravity Sash Stop, but may be used on any hood to indicate proper sash position for safe fume hood operation. Ideal for use when fans are sized for less than full sash open operation. Label is printed in black on clear vinyl.