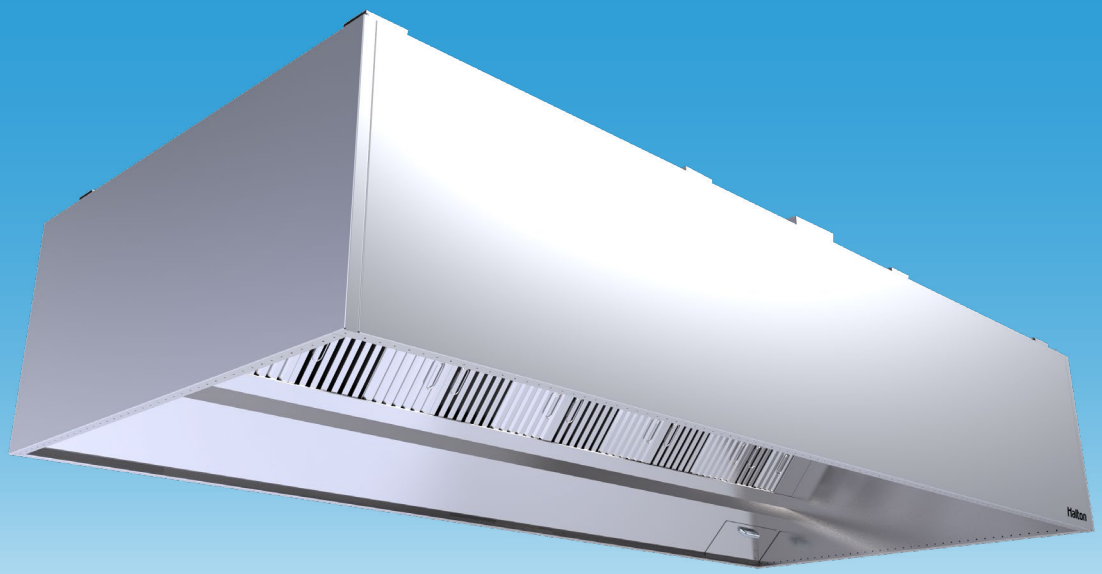
Operators Manual for **Capture Jet™**

Manual provides
Operation, Maintenance and Service Instructions



Capture Jet™ Hoods

KVE, KVC, KVW, KVL, KVM, KVR, KVO AND KCH

Halton

Form#: OM005_CAPTURE JET
Date: April 2025- Rev 4

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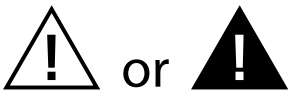
Halton

Safety Information

The instructions contained in this manual have been prepared to aid you in learning the proper procedures for installing and servicing your unit.

Throughout this manual, safety precautions are identified through the use of the safety alert symbol and three signal words: DANGER, WARNING, and CAUTION. All safety alert information precedes the step(s) to which they apply. Suggested, recommended, or other noteworthy information is identified through the use of NOTES. Additionally, certain words are used to indicate a specific meaning or to add emphasis.

The following words are used as indicated throughout the manual:
Shall: understood to be mandatory.
Should: understood to be advisory.
May: understood to be permissive.
Will: indicates a future event/condition to occur.



(Safety Alert Symbol)

Used in conjunction with signal words (DANGER, WARNING, or CAUTION) to alert you of potential personal injury hazards, immediately preceding precautionary measures that pertain to subsequent step(s). Obey all safety messages that follow this symbol to avoid possible injury or death. Failure to adhere to safety precautions identified by the safety alert symbol may also void the warranty.

DANGER

- Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. Use of this is limited to the most extreme situations.

WARNING

- Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

- Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. Also used to alert against unsafe practices.

CAUTION

- When used without the safety alert symbol, CAUTION indicates a potentially hazardous situation which, if not avoided, may result in equipment/property damage, and void the warranty.

NOTE:

- Identifies suggested, recommended, or other noteworthy information.

Specific Safety Precautions

For your safety, please observe the following precautions when operating or servicing your Capture Jet™ Hoods. Read the following important safety information to avoid personal injury and/or damage to the equipment.

⚠ DANGER

- Always disconnect the source of the main power before removing the service entrance box cover.
- Failure to ensure the Power switch is in the "OFF" position during servicing and when replacing filters could result in equipment damage, electrical shock and/or personal injury.
- Failure to comply with these **DANGER** notices will result in death or serious injury, equipment/property damage, and void the warranty.

⚠ WARNING

- DO NOT use or store flammable liquids or materials that produce flammable vapors in the vicinity of this or any other appliance!
- Consult a qualified electrician to ensure all electrical specifications have been met and the unit is properly grounded.
- Before installing or servicing this equipment, read the contents of this manual thoroughly.
- Improper installation, adjustment, alteration, service or maintenance could result in death or serious injury, equipment/property damage, and void the warranty.
- Failure to comply with these WARNING notices could result in death or serious injury and equipment or property damage.

CAUTION

- Exercise care when removing the wooden crating from around the unit.

CAUTION

- DO NOT operate the unit unless you fully understand the components and their intended function.
- Failure to comply with these CAUTION notices may result in minor or moderate injury, equipment or property damage, and void the warranty.

CAUTION

- The electronic components of the Control Panel are impact-sensitive. Exercise care around the Control Panel to maintain proper operation.
- During cleaning of Hood.
  - **DO NOT** use products containing chlorine.
  - **DO NOT** use abrasive products, steel wool or scouring pads.
- Failure to comply with these CAUTION notices may result in equipment/property damage and void the warranty.

NOTE:

- If upon receipt, the palletized unit shows any signs of damaged, immediately inspect the entire Hood and the included accessories, and promptly notify the freight company of any damages.
- To aid the electrician, an electrical wiring diagram is included with this manual. Refer to the wiring diagram during installation or servicing. A wiring diagram may be obtained from the factory by calling Halton at 270-236-5600
- Comply with all appropriate state and/or local heath regulations regarding the cleaning and sanitation of equipment.
- For difficult areas with excessive particulate build up, a mild bio-degradable non-toxic degreaser (such as Clear Magic or Simple Green) may be used.
- Always ensure the unit is electrically grounded and installed in accordance with local codes, or in the absence of local codes, in accordance with the National Electrical Code ANSI/NFPA No. 70-1984.

NOTE:

- An HVAC specialist may be required for some installations to confirm proper air exchange and the heat load capabilities of the on-site AC system.

CAUTION

- Use suitable equipment to lift the hood and carefully move it away from the pallet. Take precautions not to damage to the hood. If possible, it is advisable to rig and lift the hood from the topside, utilizing the hood's hanging brackets.
- Exercise care when removing the wooden framing from around the unit.
- Failure to comply with these CAUTION notices may result in minor or moderate injury, equipment or property damage, and void the warranty.

DO NOT MODIFY, ALTER OR ADD ATTACHMENTSTOTHIS EQUIPMENT

CAUTION

General Description

All Halton Capture Jet™ hood systems provide solutions for a variety of commercial foodservice ventilation applications over virtually any cooking process. Halton's Capture Jet™ technology gives the most efficient system on the market. To achieve the optimum performance from your hood system (s) please use the following guidelines provided within the pages of this Installation, Operation, and Maintenance Manual.

In addition to this information our offices or local representatives are available at any time to provide additional technical support for products, applications, installation, commissioning or in any aspect that you may have.

Recommendation

Upon receipt of the Halton hood (s), inspect unit (s) immediately for any shipping damage and notify carrier immediately if damage is found. Halton will not accept responsibility for any shipping damage. All systems are thoroughly inspected before leaving our factories, however Halton will assist in filing a claim if needed.

General Installation

It is the responsibility of the installing contractor to see that the system installation is completed in accordance with the project plans and specifications and that it meets all specific requirements of local code officials. The local authority having jurisdiction could over rule some of the installation details written in this manual. The installation shall be in accordance with NFPA-96. All electrical systems shall be installed following local and national codes.

The owner and/or operator should be instructed in the proper operation, care and maintenance of the system.

If questions or complications should arise during the installation of the Halton hood (s) that cannot be solved using the instructions provided please contact the Halton office at **1-800-442-5866, or (1-800-4-HALTON)**.

Note: There are no instructions contained within this manual for installation or maintenance of fan packages. **See appropriate manufacturers manual for detailed instructions.

Exhaust Airflows

Please see submittal drawings or contact the manufacturer for each hood's exhaust air flow rates. Halton's applications department determines the optimum exhaust rate for effective capture & containment of cooking effluent. These exhaust airflows are included in the job submittal drawings for each hood and are customized for the specific kitchen appliance arrangement and environment. Capture Jets must be functioning properly for hood to run at these listed exhaust airflows.

Installation Instructions

1. Inspect the crating carefully. If there are signs of damage, call the freight carrier before uncrating the units. Carefully uncrate the units. Check all local codes prior to installation, special requirements may be necessary depending on local building material construction.

   ** Important note ** Do not leave unit (s) exposed to extreme temperatures for an extended period of time, this may cause the protective PVC coating around the unit (s) to become very difficult to remove

2. Position the hood near the actual installation site. In case of multiple hoods, check the engineered set of drawings for locations. Pay close attention to collar sizes and fire protection layouts, matching the hood systems to the correct location shown on the drawings provided.

   **Check item numbers on crates / hoods vs. drawing item numbers.

3. Once the hood is carefully removed from the shipping crate and set in position, the unit is now ready for installation. If Halton Company has supplied a backsplash assembly, then the splash assembly should be installed first, for installation procedures (See pg. 9).

4. Hang the hood using ½" threaded rods (hanging rods by others) by attaching the rods to the hood through the hanger brackets that are fastened to the top of the hood. Use of turnbuckles with the threaded rod sections will make final adjustment easier. Standard hanging height for canopy hoods ranges from 78" minimum to 84" maximum from the finished floor to the lower edge of the front of the hood (per local codes having jurisdiction).

   **All typical installations for Capture Jet™ series hoods shown on pages 22-30.

5. If Closure Panels are supplied by Halton (see pg. 13) for details on the installation.

6. For multiple hoods end to end, or back to back (see pg. 12) for Installation of Splice Strips and U-Channels.

7. For hoods equipped with a supply fire damper, it is very important to make sure that the fire damper is set in an open position before connecting the supply duct.

   Electrical circuits should be connected according to standard switch panel wiring diagram, shown on (pg. 16). Occasionally desired options may require modifications to the standard wiring (for example remote switch panel). The modified wiring diagram will be included with the job specific submittal drawings and should be referenced for correct field wiring of hood and accessories.

   Additional details about the Halton hood wiring are found with the wiring diagram.

8. Grease filters and grease cups must be installed in place before start-up.

9. Halton hood come standard with high output, long lasting Halton Culinary Light (HCL) fixtures. Optionally standard high output LED, incandescent or recessed fluorescent fixtures may be ordered. Please note only install 100 watt maximum light bulbs in incandescent light fixtures. Fluorescent bulbs should be type T8, 36" or 48" long in fluorescent fixtures.

   **Note: Halton does not provide bulbs for incandescent or fluorescent lights.

10. Protect the hood from damage under normal job site conditions, until all work is complete and system is ready to be put into operation.

11. The KCH Capture Jet™ Type I Condensate hood is a highly efficient kitchen ventilation hood that removes contaminated air and excess heat emitted by cooking equipment and channels excess condensation from the interior of the hood to a perimeter gutter system. This hood is designed to help eliminate water dripping from the edges and roof of a standard canopy hood when used with heavy steam producing equipment. Perimeter gutters installed on all four sides of the hood capture water from the sides of the hood and redirect it to a channel with a 3/4" NPT drain connection. This drain must be field connected to route the collected condensate for disposal. All local and national plumbing codes must be complied with.

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Operation of System

1. After installation is complete, it will be necessary to check and balance the airflows. On the Capture Jet® line of hoods, Halton supplies T.A.B. (Testing And Balancing) ports for measuring the pressure drop through the filters and the Capture Jet™ plenum pressure. These ports are located on the inside of the capture portion of the canopy on the exhaust and Capture Jet® plenums.

   For details on their use (see pg. 20).

   ****It is very important that the fan for the Capture Jet™ air be balanced according to specifications.** See the job specific information for required airflows. The Capture Jet fan is adjusted at the factory for proper airflow. Check the static pressure of the Capture Jet plenum and adjust the Capture Jet fan speed only if the pressure reading is different than the T.A.B. port pressure specified on the job specific submittal drawings. Adjustments to the Capture Jet™ fan can be made with the speed controller supplied with the fan. This speed controller will be mounted inside the Capture Jet plenum, on top of the hood, or mounted in an electrical enclosure. The submittal drawings will detail the location of the speed controller(s).

   Information regarding the fan and speed controller (see pg. 18).

2. Halton Capture Jet Hoods are equipped with efficient model KSA grease filters. Each Halton Capture Jet™ hood system will have a KSA Filter Remover (model KFR) included with the hood package. The "KFR" will be packaged separately inside the hood. The box will be labeled "Attn: Kitchen Mgr. ". Model KFR instructions are found on (pg. 21). The KFR will assist in removal and replacement of the filters for cleaning and maintenance.

3. After the exhaust and supply airflows have been properly balanced, a final inspection should be made to ensure proper system operation.

Hood Maintenance

1. Clean the hood canopy inside and out as needed with mild soap and water. Never use harsh or abrasive cleaners on Stainless Steel or Painted surfaces, making sure to wipe clean all interior and exterior surfaces of the hood including the light fixtures.

   CAUTION

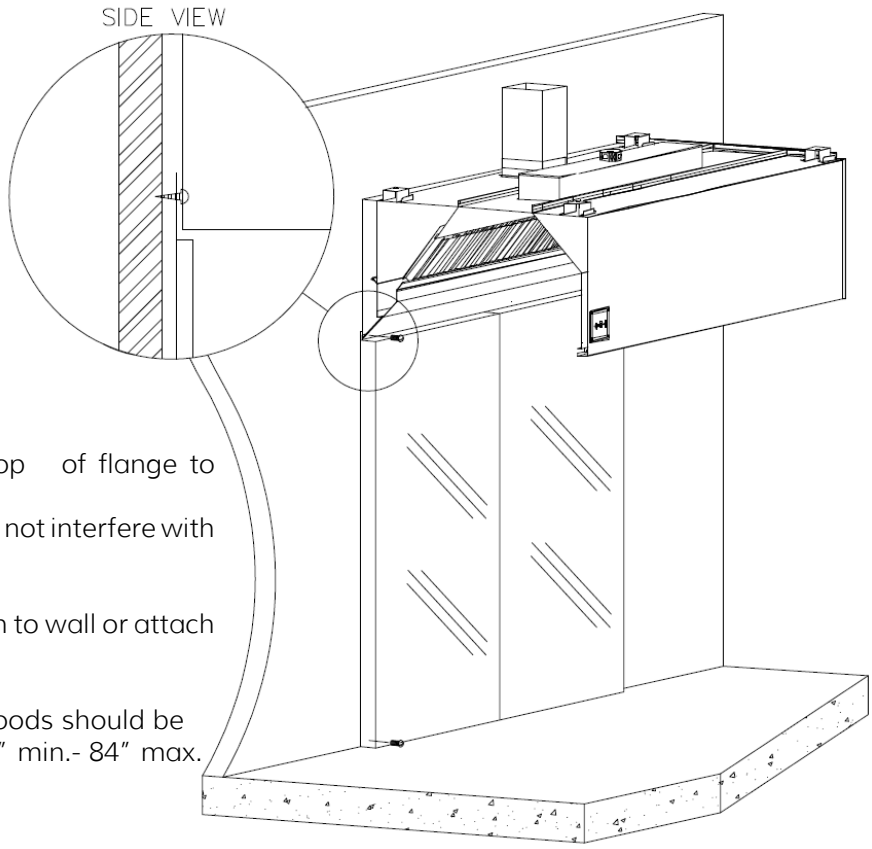
   Never clean the hood canopy when any of the surfaces are hot.

2. Clean the grease filters and grease cup(s) daily, first washing by hand, and then placing them into a dishwasher or by steam cleaning.

   CAUTION

   Handle the Grease filters carefully

1” Insulated Backsplash Assembly

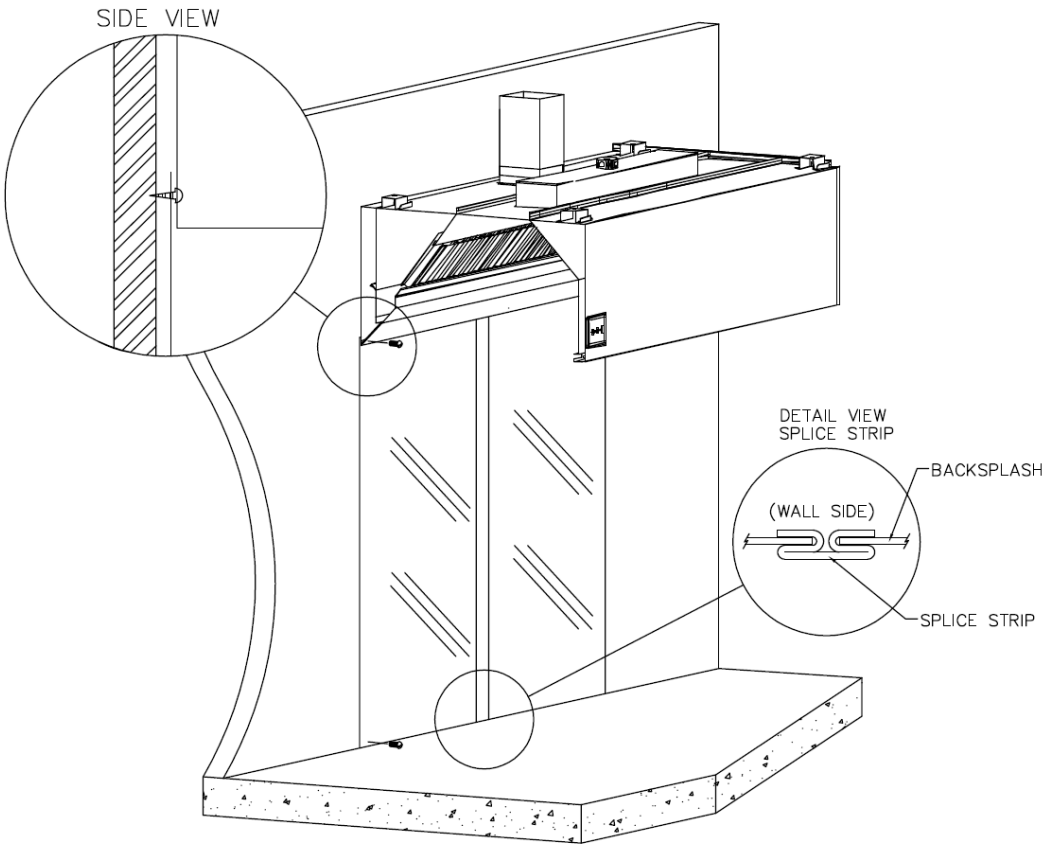


Screw through top of flange to wall.
*(screw head will not interfere with hood)

Screw backsplash to wall or attach with adhesive.

Halton canopy hoods should be installed from 78” min.- 84” max. above the
finished floor.

Flat Sheet Backsplash Assembly



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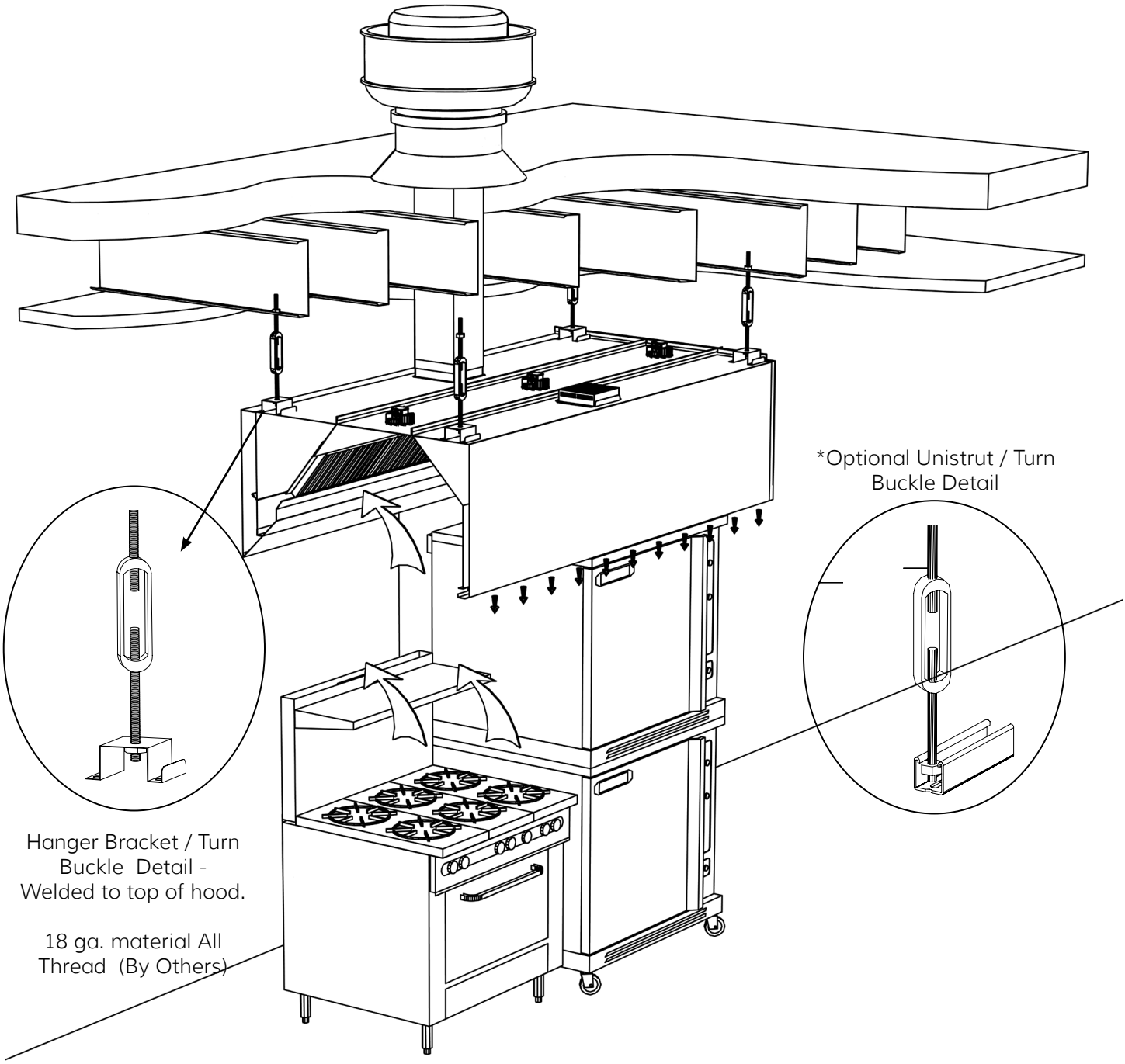
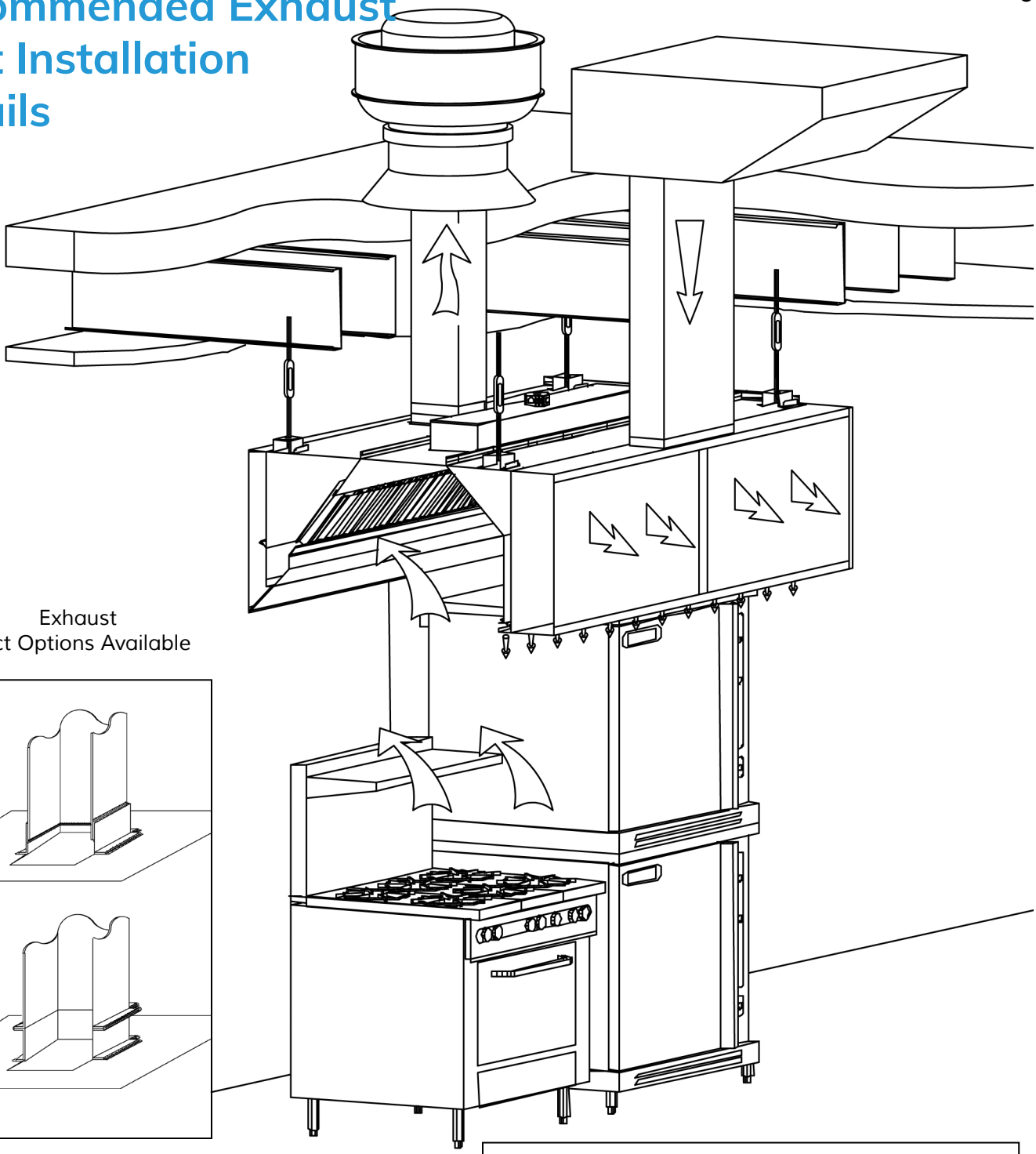
Typical Hood Installation Details



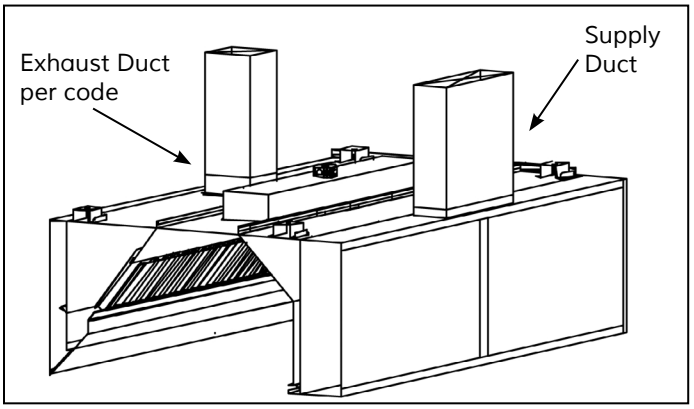
Hang the hood using 1/2" threaded rods by attaching the rods to the hood through the hanger brackets (as shown) which are fastened to the top of the hood, using the turnbuckles will make final adjustments easier. Hanging height of Canopy hoods should be per local building codes, verify with "Authority Having Jurisdiction" for hanging height in your project location.

Standard hanging height is 78" minimum to 84" maximum above the finished floor.

Recommended Exhaust Duct Installation Details



Exhaust
Duct Options Available



Supply Duct

Supply Duct may be attached to supply collar with sheet metal screws or pop rivets and sealed with duct tape.

Screws or Rivets are not to interfere with the operation of the fire damper (if equipped).

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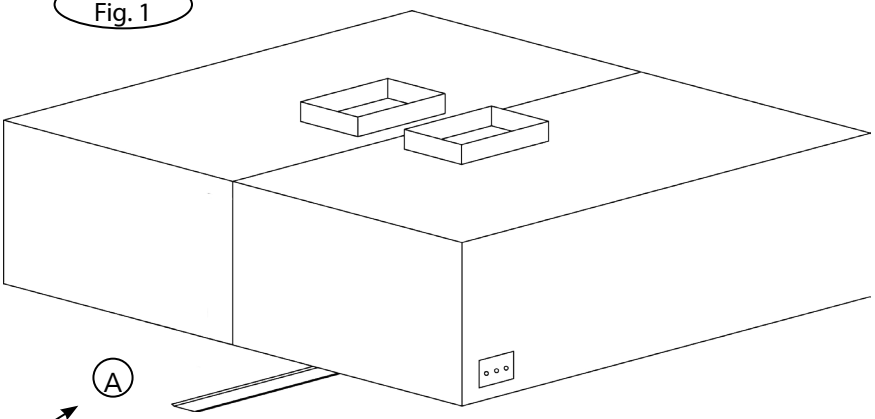
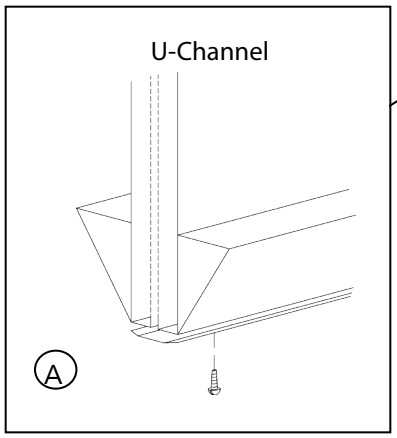
Splice Strip / U-Channel Assemblies

Fig. 1

Hoods shown back to back



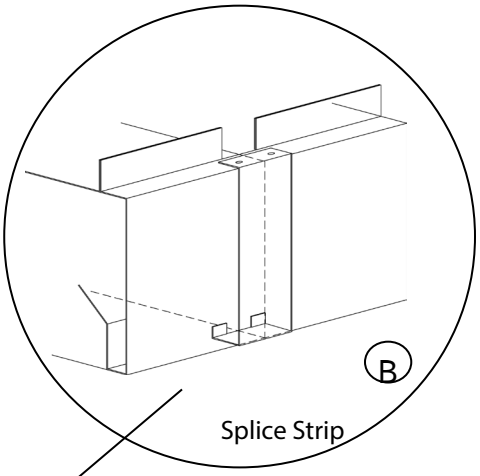


Installation Notes:

U-Channel:

For hood models that are placed back to back (as shown in Fig. 1): Slide the U-Channel (A) up over the back of the hood systems, and secure with sheet metal screws.

For hood models that are placed end to end (as shown in Fig. 2): Pry apart the U-Channel at one end and slide over the end panels, fastening in place where the end to end hood's side panels meet.

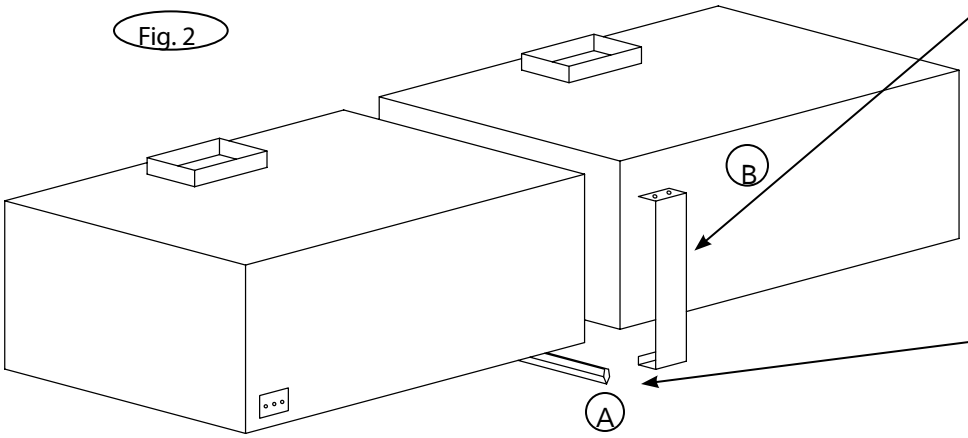


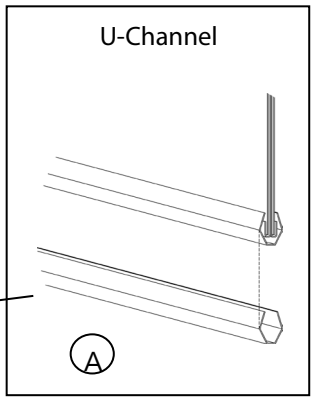
Splice Strip:

For hoods placed end to end: Slide over bottom front edge first then over top, secure by welding together, or as an option using screws for models with supply plenum.

Hoods shown end to end

Fig. 2





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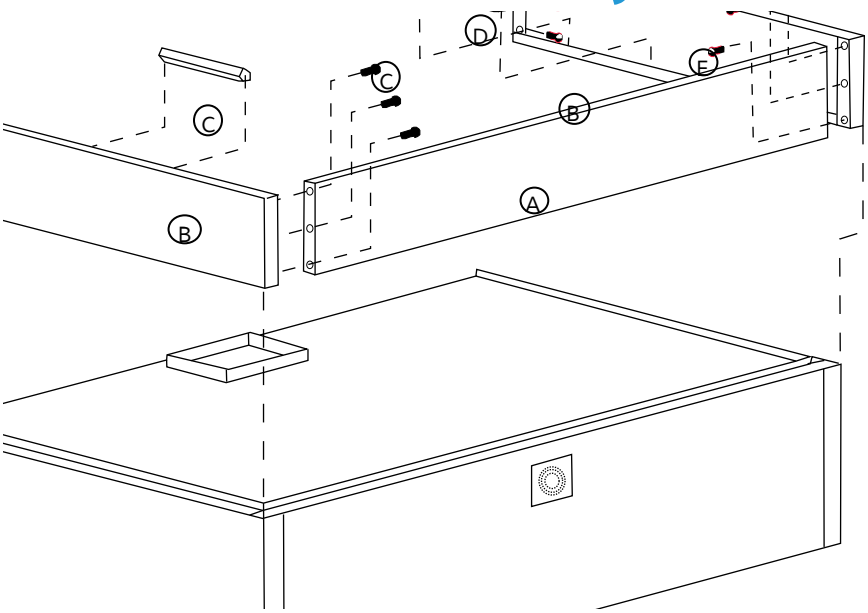
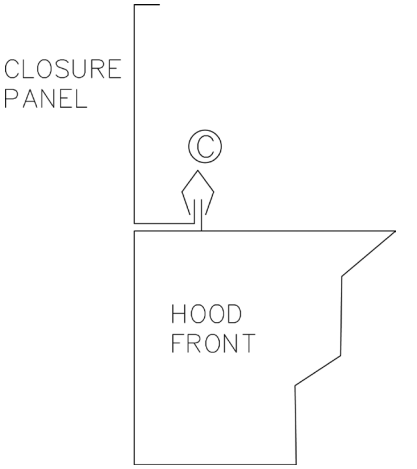
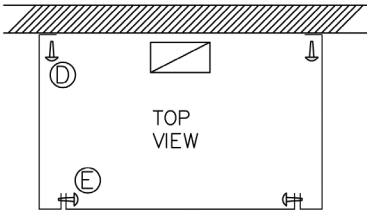
Closure Panel Assembly







Installation Notes:

1. Both panels labeled "B" are set on top of the hood at each end wall

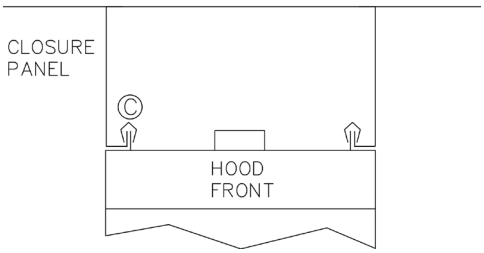
   *Vertical flange at the bottom of closure panel and vertical flange on top of hood should line up.

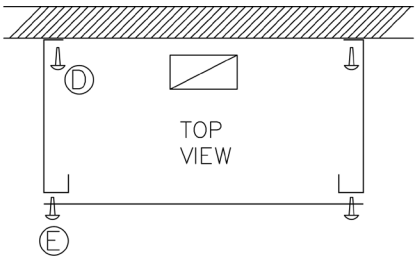
2. Hammer clips "C" over the two vertical flanges.

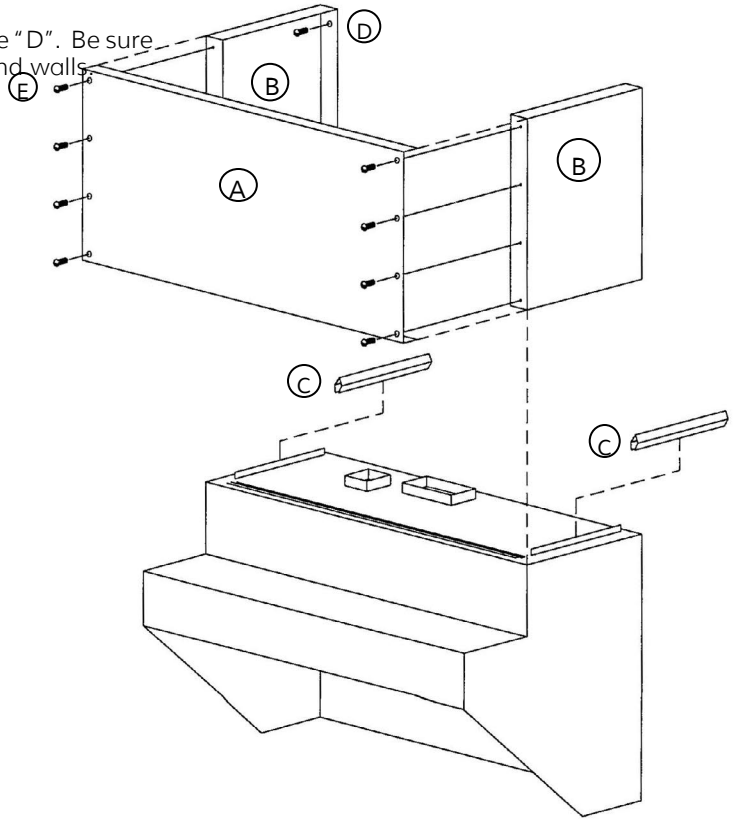
3. Attach panels "B" to wall using appropriate hardware "D"

4. Slide front panel "A" into place.

5. Attach panels "B" to wall using appropriate hardware "D". Be sure closure panels are vertical and aligned with hood end walls.
   *(Hardware not provided by Halton)







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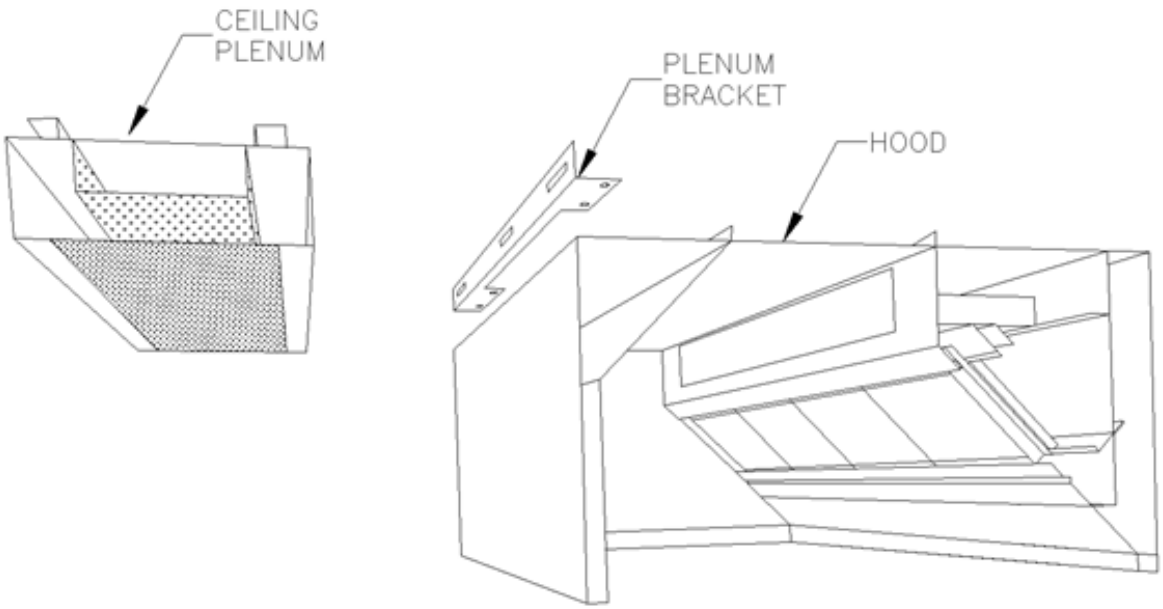
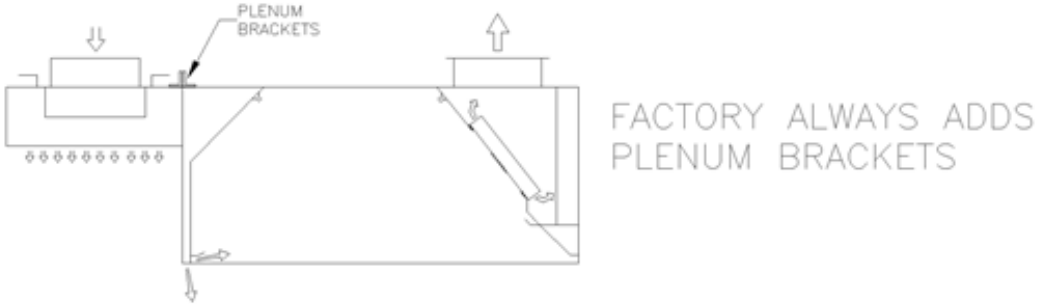
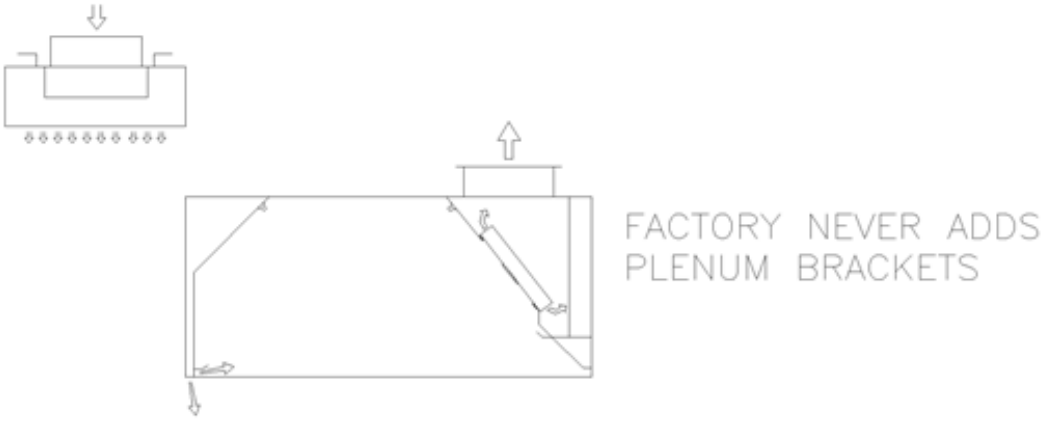
Halton Make Up Air Ceiling Plenum



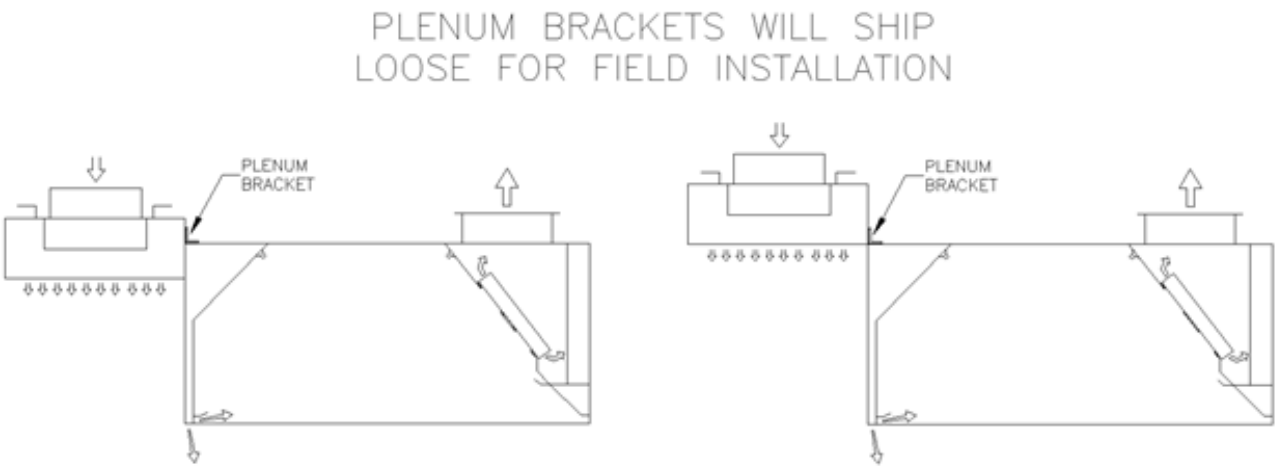
If the Halton hood is combined with a Make Up Air Ceiling Plenum the plenum may be attached to the front or top of the hood. A plenum bracket is used to anchor the Ceiling Plenum to the hood in some instances. The plenum bracket is added to the top of the hood at the factory whenever the top of the Ceiling Plenum is mounted flush with the top of the hood against the front face of the hood.



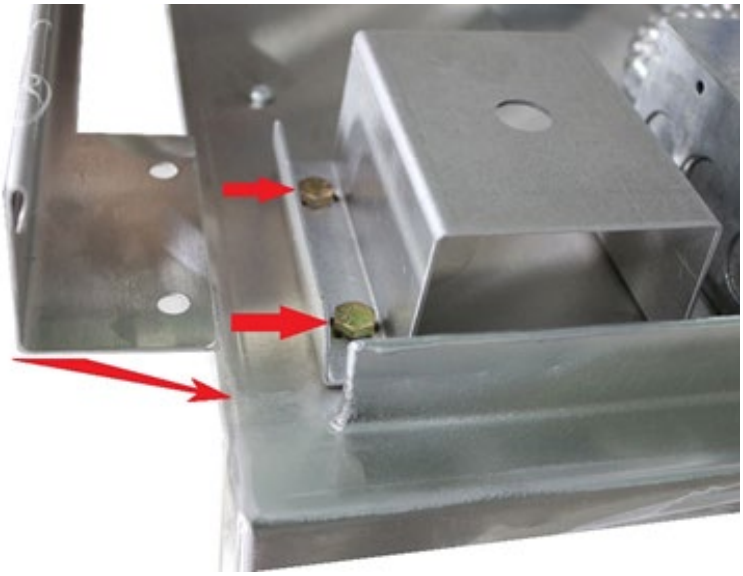
If it is known that the Ceiling Plenum will mount away from the hood face the factory will not add the plenum bracket to the hood, nor will a bracket ship loose with the hood.



If it is not known where the plenum will be located, or the plenum may be located as shown below, the factory will include a plenum bracket shipped loose with the hood to be field installed when the hood and plenum are hung at the job site.

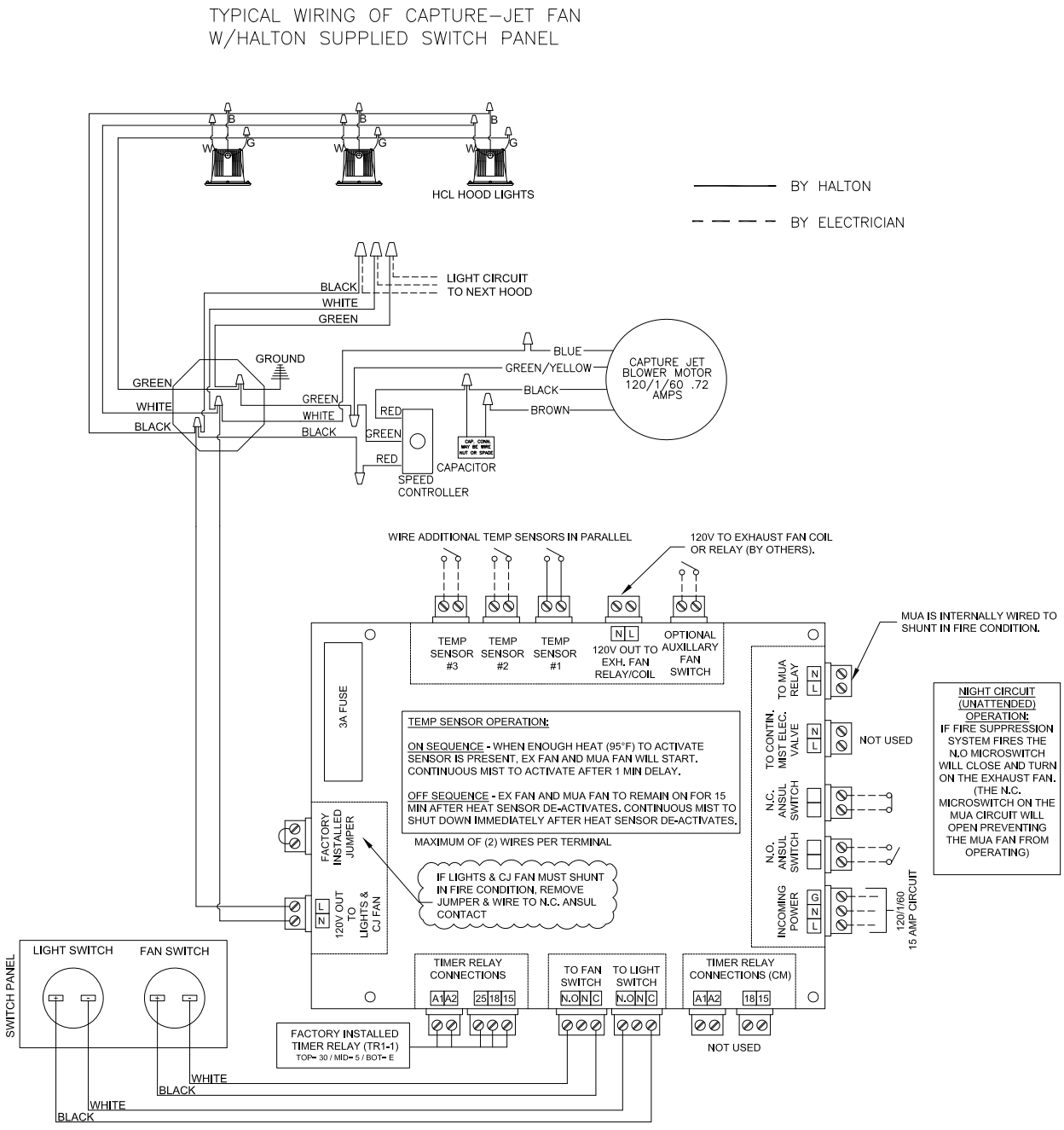


To install the plenum bracket the hood hanger brackets which are attached to the top of the hood at the front are loosened. The hood hanger brackets are attached to the hood with hex head machine screws. Before the hood is hung and still rests on the floor use a 7/16" wrench to remove the two machine screws toward the front of each of the hanger brackets that are at the front of the hood. Loosen the two machine screws that are at the back of these hanger brackets. Slide the plenum bracket flange that has the two round holes in it under the front edge of the hood hanger bracket at each location. There will be either two or four locations, depending on the length of the hood. Align the holes of the plenum bracket with the holes of the hood hanger bracket. Re-install the machine screws into the hood hanger brackets, securely fastening the plenum bracket under them. Tighten the machine screws firmly.



Sheet metal screws are used to fasten the Ceiling Plenum against the plenum bracket. Drive the sheet metal screws through the rectangular hole in the plenum bracket into the rear face of the Ceiling Plenum after Hood and the Ceiling Plenum have been located and hung in their final positions.

Standard Capture Jet Hood Wiring



Hood Wiring Details

WARNING

- Consult a qualified electrician to ensure all electrical specifications have been met and that the unit is properly grounded.
- Improper installation, adjustment, alteration, service or maintenance could result in death or serious injury, equipment or property damage, and void the warranty.

The Halton hood is equipped with a Timer Panel which fulfils the International Mechanical Code required interlock which will turn on the exhaust fan serving the hood if an appliance is turned on without also turning on the fan. This is accomplished with a temperature sensor in the hood that senses elevated temperature in the hood. This temperature sensor closes a circuit at 95 degrees Fahrenheit which turns on the exhaust fan. All hoods which are ducted to the same exhaust fan must have their temperature sensors wired in parallel with the sensor on the hood with the Timer Panel. This hood is typically the same hood that has the lights and/or fan switch. This required interlock circuit is not intended to act as the primary means of turning on the exhaust fan. The exhaust fan will always remain on for 15 minutes after the temperature sensor has cooled lower than 95 degrees Fahrenheit, even if the fan switch has been turned off. This allows a cool down period for the appliance and removal of heat in the space protected by the hood. The timer panel also has provision for a night circuit which can turn on the exhaust fan if the fire suppression system fires when the kitchen is unattended and the hood is off. This circuit is wired through one of the micro switches in the fire suppression control cabinet. Provision is also made for a Make Up Air interlock which can start the Make Up Air fan whenever the exhaust fan is operating. This circuit is typically wired through one of the micro switches in the fire suppression control cabinet in order to turn off the Make Up Air during a fire event. Please see the wiring diagram for details about these options.

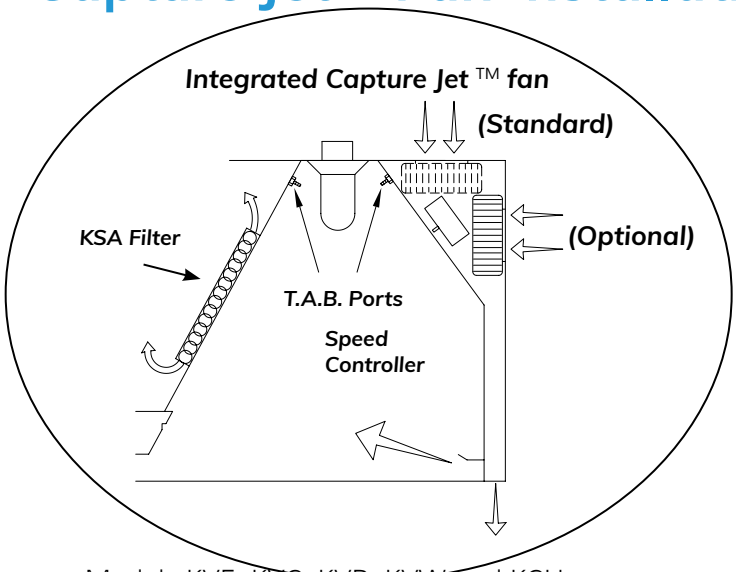
The Capture Jet fan will typically remain on in Fire Mode to assist with capture and containment of produced smoke. The Halton Capture Jet hoods are tested and listed to allow the Capture Jet fan to remain on.

Field Connection of Hood Power

Incoming 120 volt power for the hood lights and the Capture Jet fan is connected to terminals in the Timer Panel on top of the hood. The hood lights and the Capture Jet fan(s) are on the same factory wired electrical circuit and are controlled by the "lights" switch on the switch panel for the hood(s).

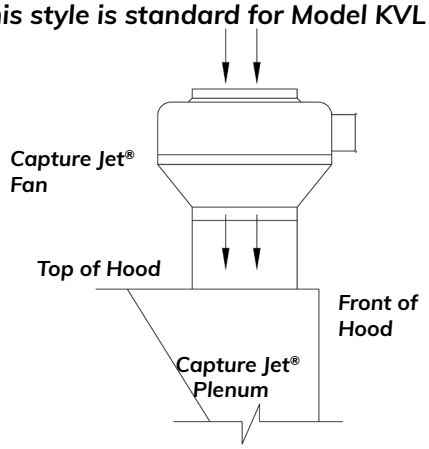
When hoods are arranged end to end or back to back one switch panel often controls all of the lights in the hood group. The electrical power will then be field connected from the hood with the incoming power, the hood with the switch panel and/or timer panel, to the other hoods in the hood group. Remove the cover from the junction box next to the Capture Jet intake, on top of the hood. Remove wire nuts from green, white and the switched black for the light circuit and add field wiring to the same wire junctions on the next hood. Not all hoods may have a timer panel or HCL lights. Please refer to the specific job submittal drawings for wiring diagrams customized to the product mix and arrangement of each jobsite. Submittal drawings supersede the general wiring diagram found in this manual.

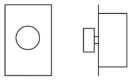
Capture Jet™ Fan Installation



Models KVE, KVC, ~~KVR, KVW~~ and KCH are equipped with an Integrated Capture Jet™ fan package, as shown above.

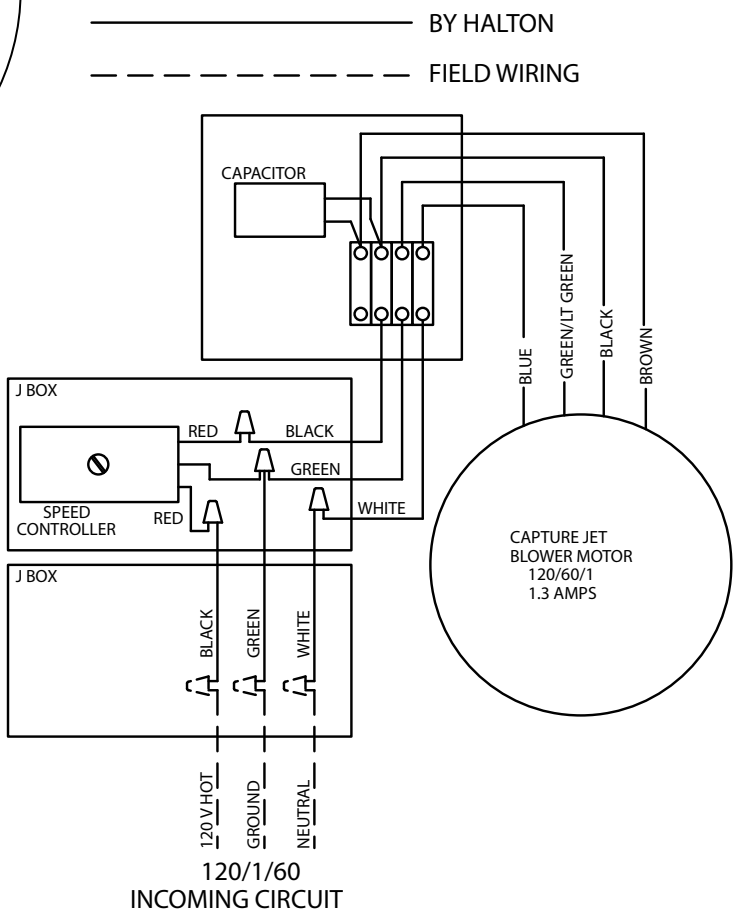
This style is standard for Model KVL

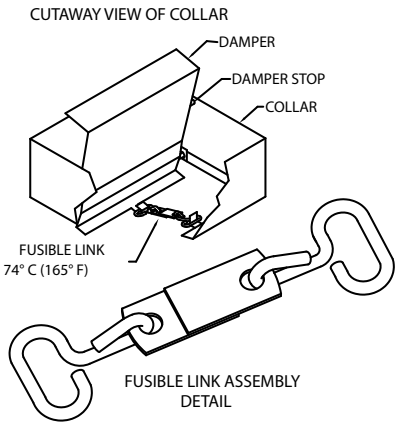




5 AMP Speed Controller wired on top of hood or located in the Control Panel

Typical Wiring of External Capture Jet™ Fan





1. OPEN DAMPER TO DAMPER STOP
2. HOOK ONE END OF FUSIBLE LINK TO HOOK ON DAMPER
3. HOOK OTHER END OF FUSIBLE LINK TO HOOK ON COLLAR

The KVL external Capture Jet fan has a fire damper in the collar that must be set to open before the fan is attached to the collar. Open the damper blade until it is against the damper stop. Hook one end of the fusible link to the hook on the damper. Hook the other end of the fusible link to the hook on the collar. If attaching the Capture Jet fan to the intake collar with sheet metal screws be certain that the screws do not interfere with the action of the damper.

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Halton

Capture Jet™ Fan Adjustment

The Halton Capture Jet™ fan is factory set and should not need adjustment. If adjustment is necessary it may be adjusted for air flow output. Before any adjustment measure the static pressure produced by the Capture Jet fan at the Capture Jet plenum TAB (Testing And Balancing) port. The static pressure should measure 0.25" (0.29" for the KVL) of positive water column (plus or minus 0.02") If adjustment is necessary it may be easily accomplished by following the instructions below.

1. Locate the Capture Jet fan access cover. This is an approximately 12" square plate on the inside front face of the hood. The access cover will have a small removable button cap in its center. External Capture Jet fans will have the speed control in a 2" x 4" standard J-box located very near the fan.

2. Remove the button cap by prying it up gently with a fingernail or edge of a credit card, or similar object. Notice that under the button cap is an adjustment screw. The adjustment screw allows control of the fan and thus the amount of airflow from the Capture Jets.

3. The Capture Jet fan should be adjusted to produce 0.25" of positive water column pressure as measured at the Capture Jet plenum TAB (Testing And Balancing) port. Very small adjustments of the speed control screw will result in measurable changes to the static pressure. Allow the pressure to stabilize between adjustments. For optimum accuracy replace the button cap or block the opening while the pressure is stabilizing.

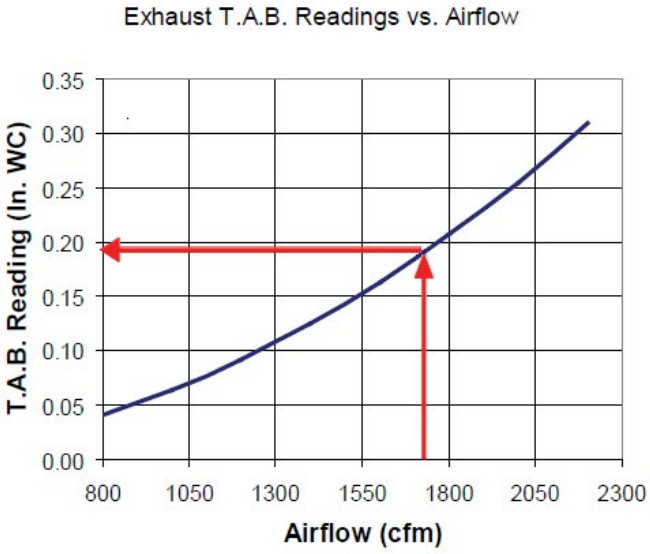
4. Use a small screwdriver to rotate the adjustment screw. Usually very little adjustment is necessary. Read the following before making any adjustment. This is for reference only; you will not need to use the full range of the speed control in normal circumstances. Turning the adjustment screw as far as possible counterclockwise will result in a distinctive "click" which will turn the Capture Jet OFF. Turning the screw clockwise from the OFF position will adjust the fan speed from Maximum to Minimum. The fan will be at maximum speed immediately after the click that turns the fan on, turning clockwise from the OFF position. Further adjustment in the clockwise direction reduces the fan speed.

T.A.B.™ - Testing and Balancing Ports

Capture Jet® T.A.B. Port Readings	
Hood Model	Design T.A.B. (inches WC)
KVE	0.25

The Capture Jet® and exhaust air flows are easily and accurately determined by measuring the pressure difference from the T.A.B. (Testing and Balancing) ports mounted in each plenum. The corresponding air flows can be read from the diagram provided.

To properly measure T.A.B. port readings use a magnehelic gauge or digital manometer and for exhaust plenum reading hookup hose from negative connection on instrument to T.A.B. Port on exhaust plenum. Leave positive connection on instrument open to atmosphere.

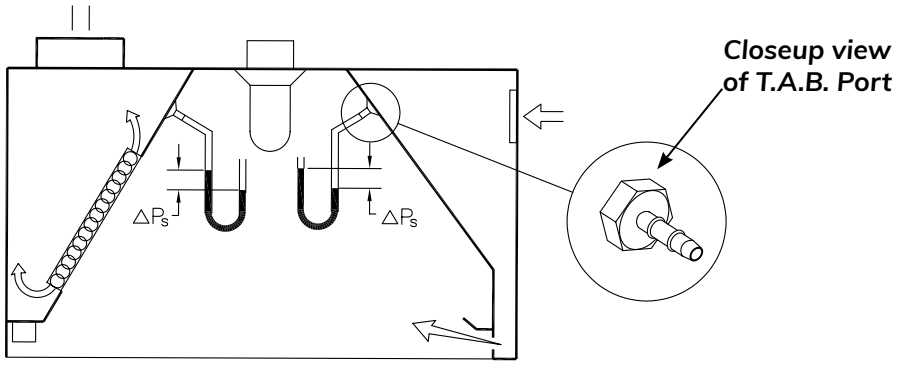


Measured Pressure

This example shows how to determine the correct T.A.B. port reading for the exhaust hoods.

In this example, a design airflow of 1700 cfm is selected from the Airflow axis, and a vertical line is drawn up to the T.A.B. pressure curve for this hood.

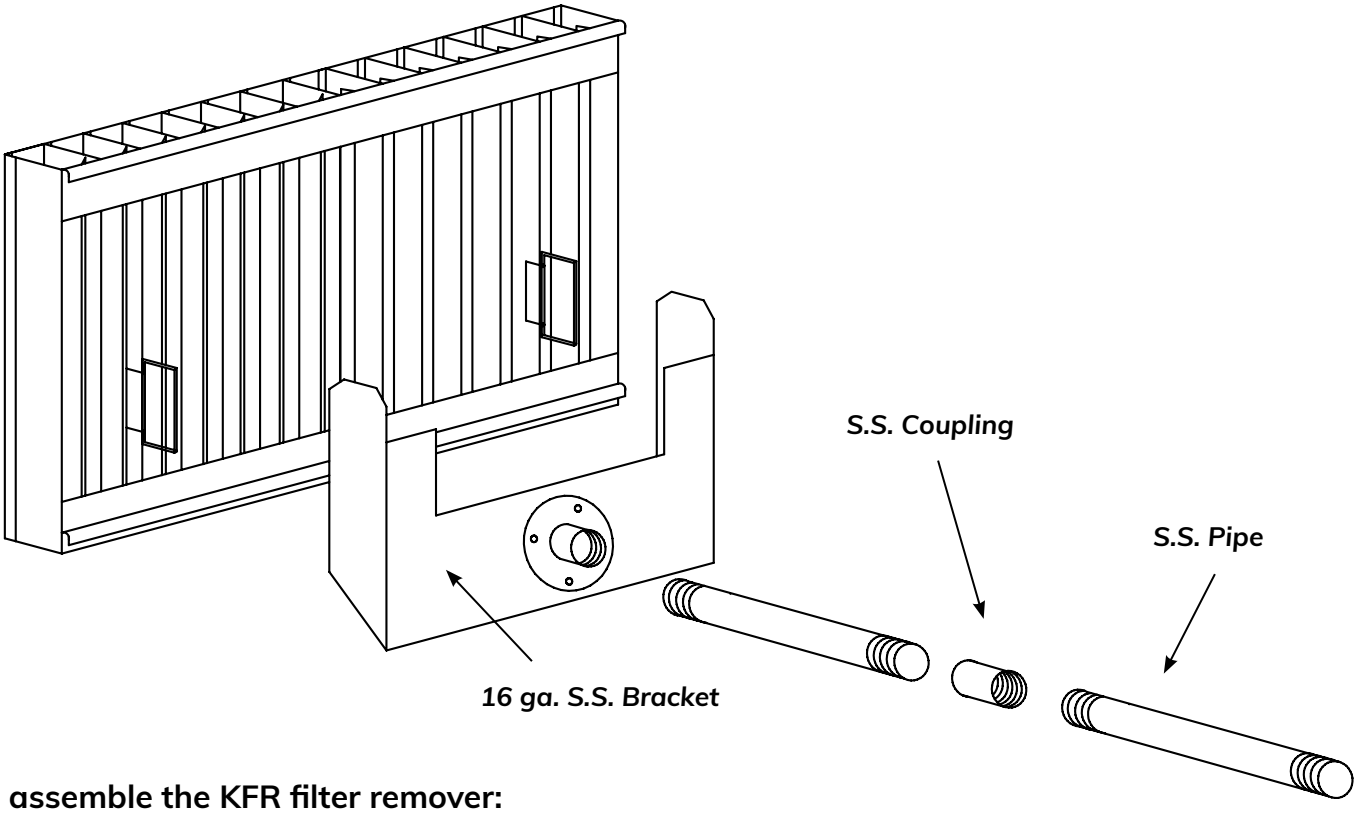
A horizontal line is then drawn for the T.A.B. pressure curve to the T.A.B. reading axis on the left-hand side of the chart and the corresponding pressure is read off the chart as 0.19 inches of Water Column.



**** It is very important the cooking equipment is in operation to create a thermal plume, prior to the air balancer, to be able to use the T.A.B. ports.

****For accurate results, the balance contractor should receive a copy of the job specific hood plans with the design T.A.B. readings from the hood supplier prior to balancing.

KSA Filter Removal with Model KFR



To assemble the KFR filter remover:
Screw together stainless steel pipe, coupling, and bracket and tighten all joints. (as shown in above picture)

Filter Installation and Removal

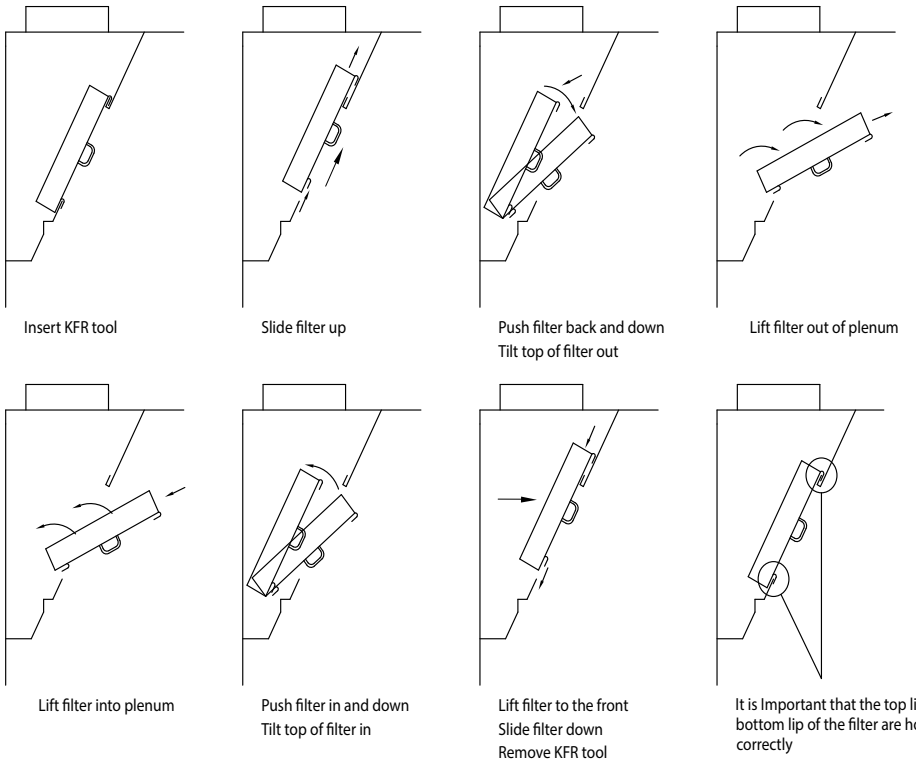
To remove filter:

Insert bracket into the inside KSA filter slots, and lift upward until filter slides out of plenum.

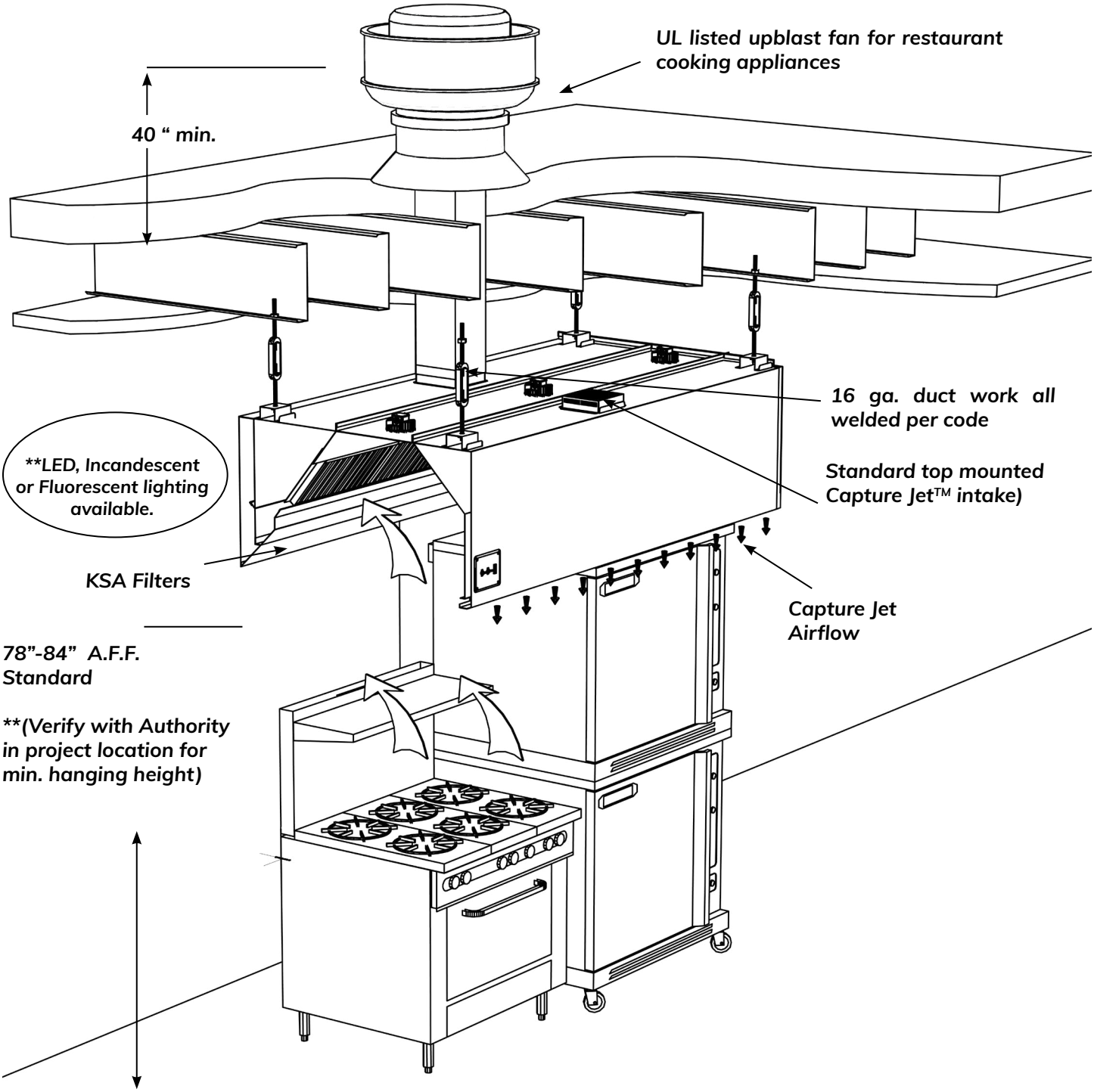
To install filter:

Place filter on KFR (filter removal tool) bracket, raise filter into place inside exhaust plenum. Slide upward until top lip of filter is locked into place and bottom lip of filter slides in place inside the exhaust plenum.

***** It is very Important to lock top lip of filter in place in installation as shown in reference drawing.**



Model KVE Typical Installation



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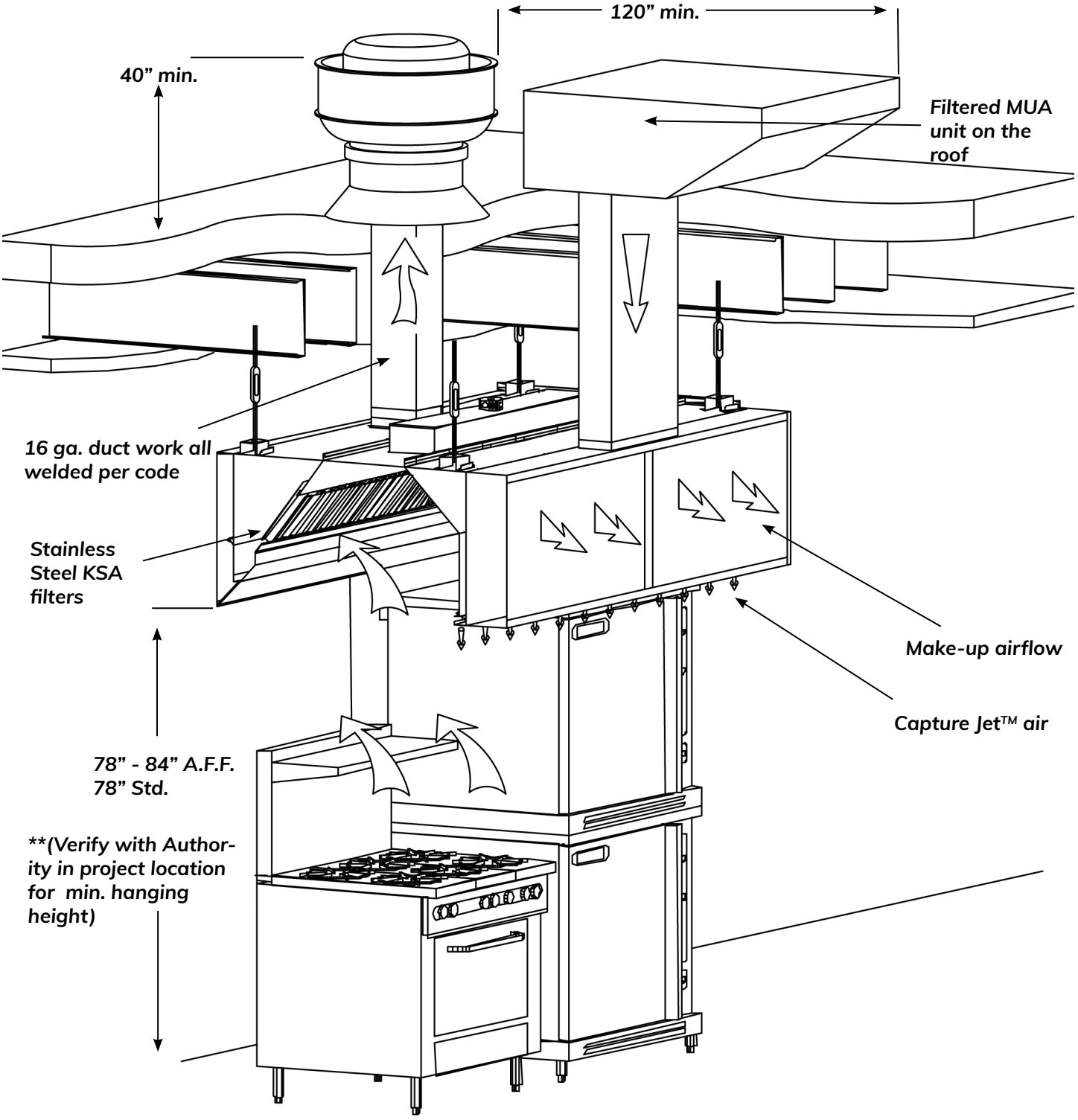
Model KVC Typical Installation



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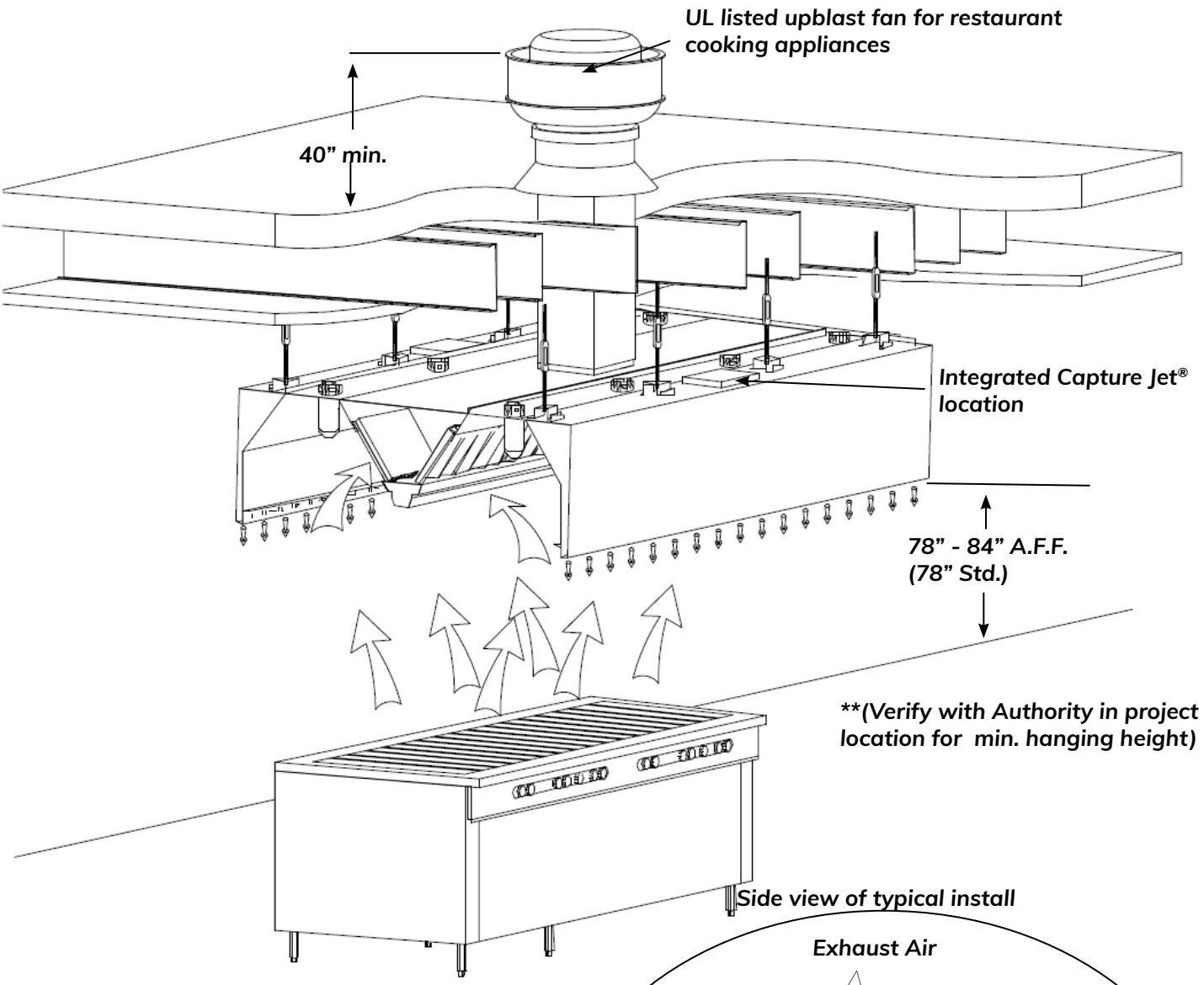
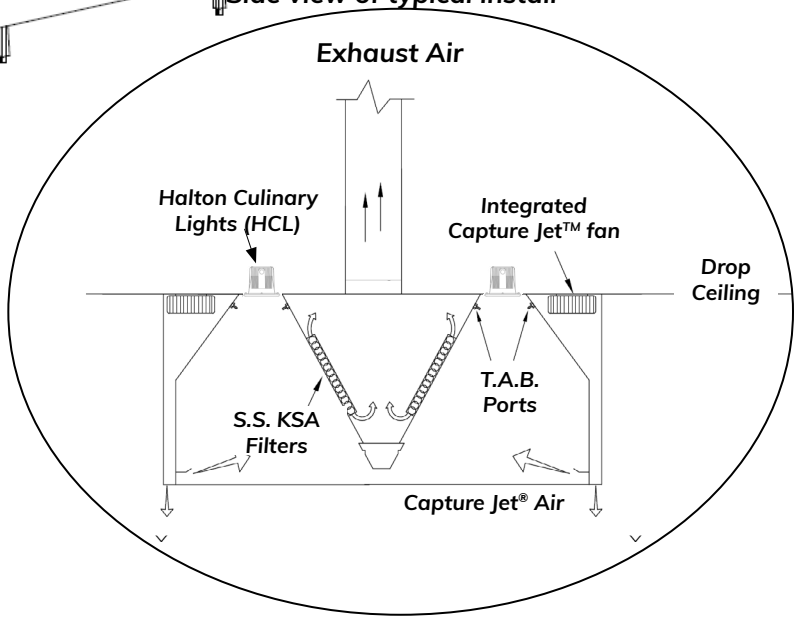
Model KVW Typical Installation

See page (22) for supply options



Side view of typical install



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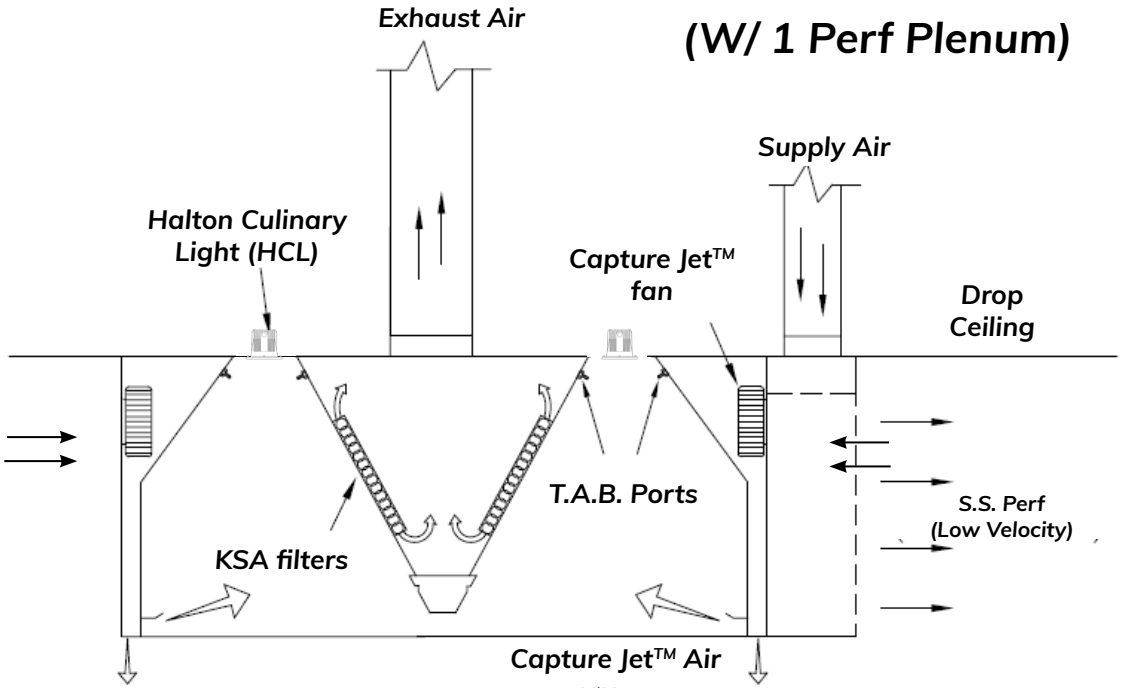
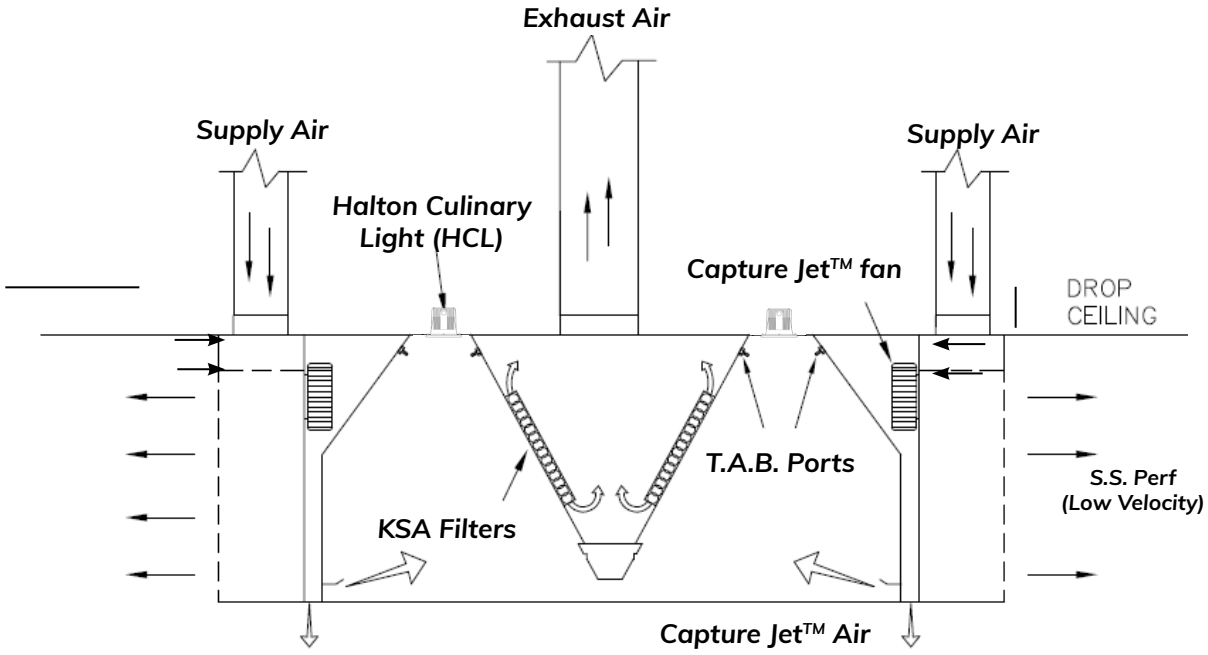
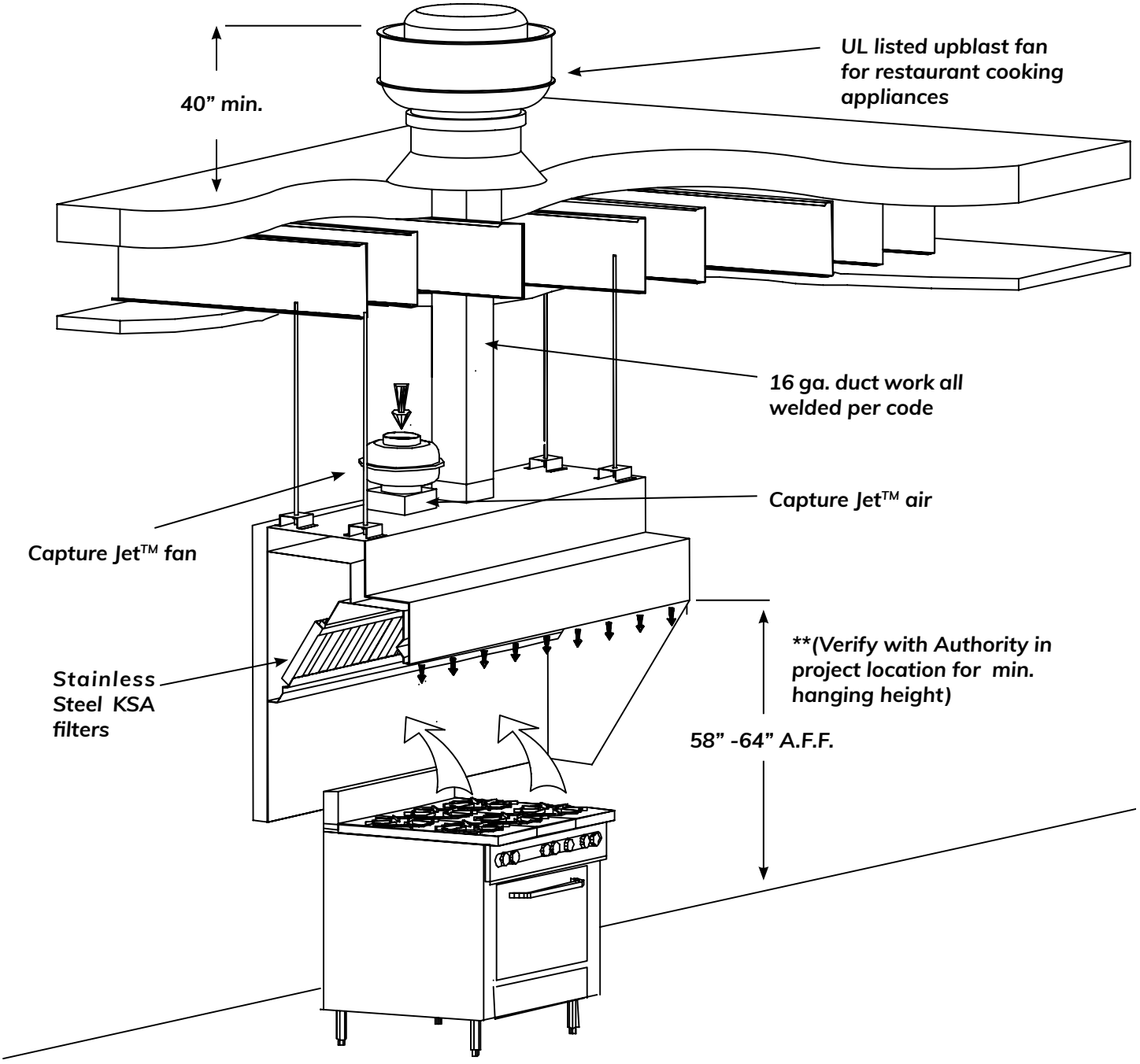
Model KVW Typical Installation





Model KVL Typical Installation



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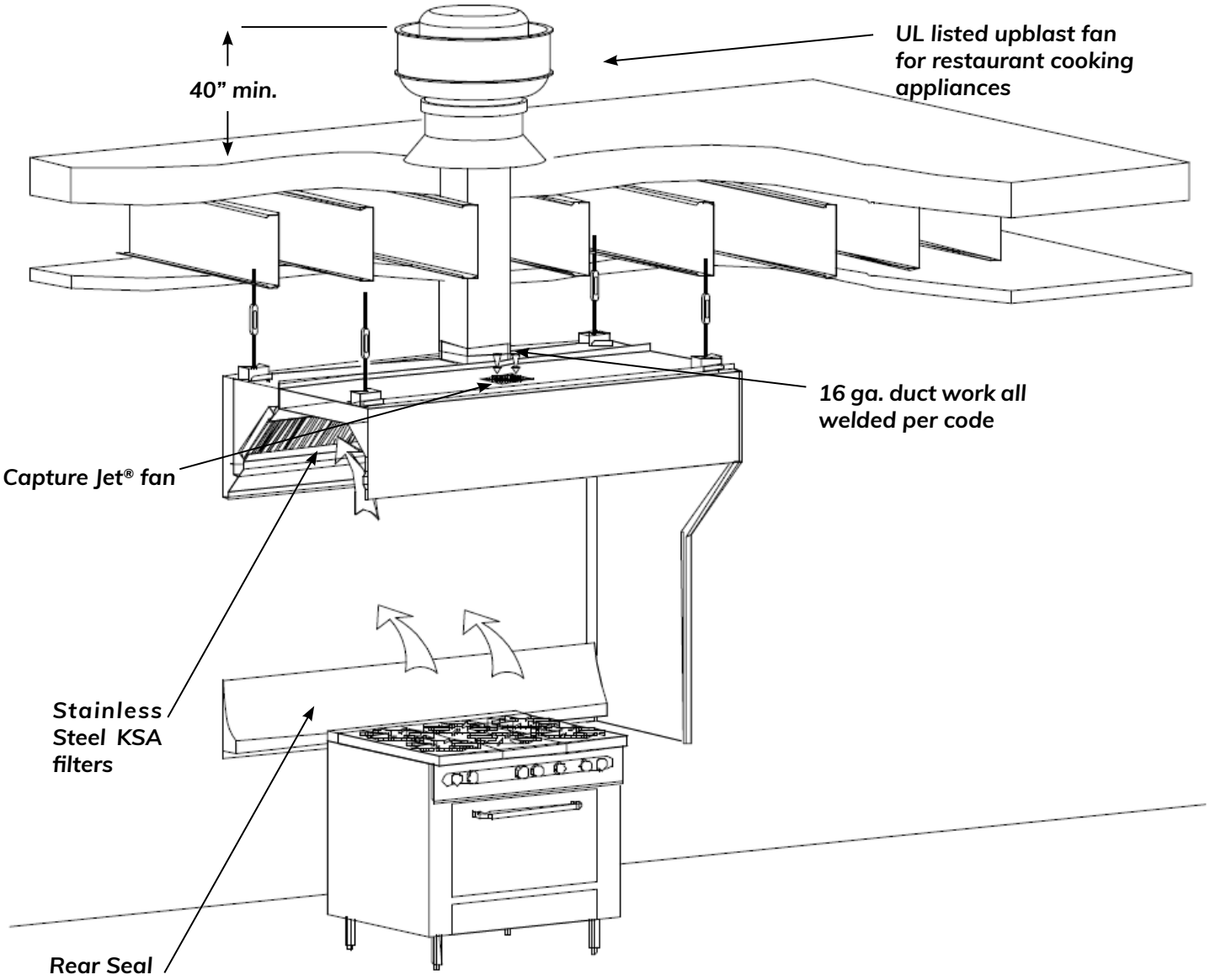
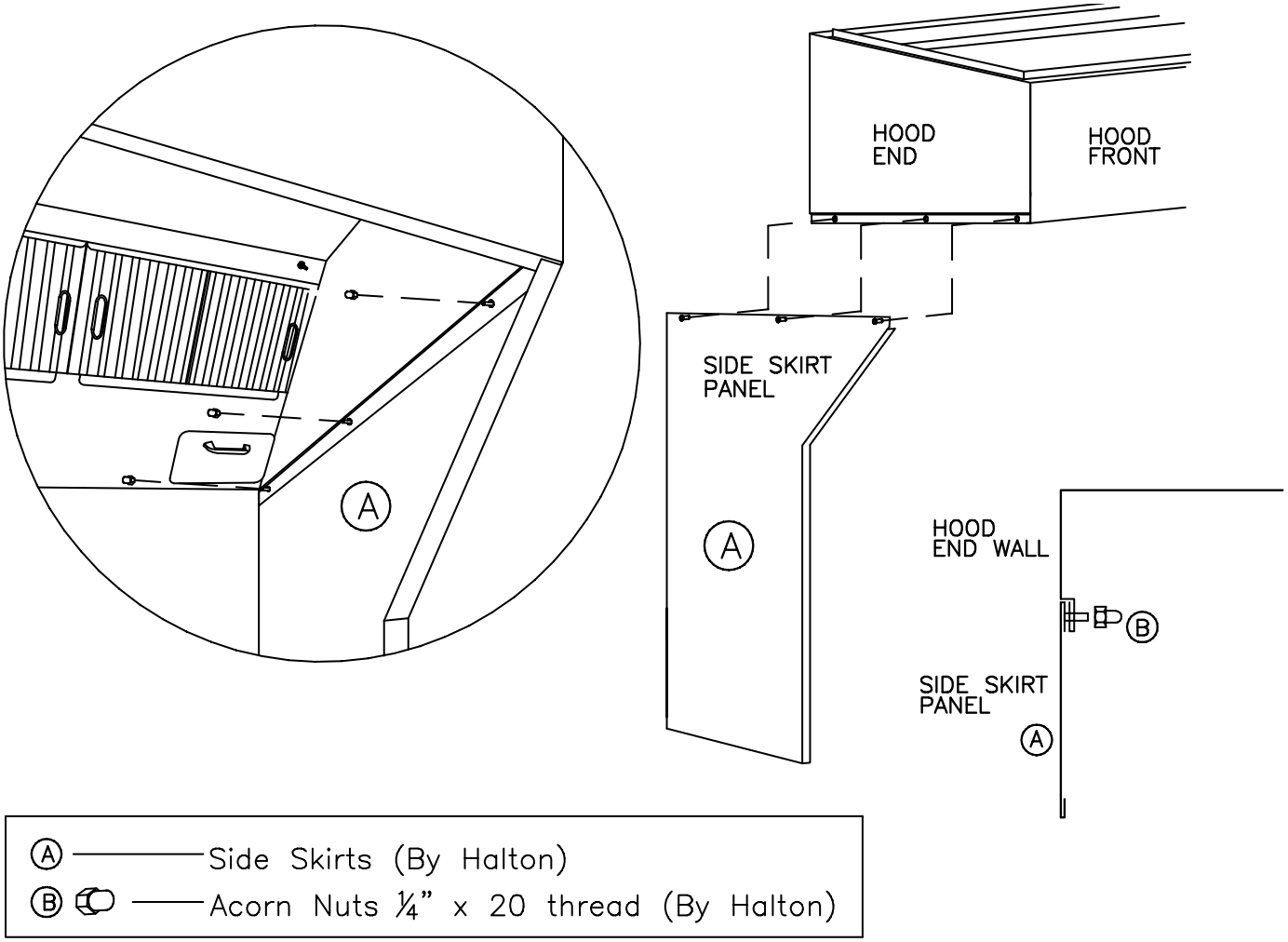
Model KVM Typical Installation



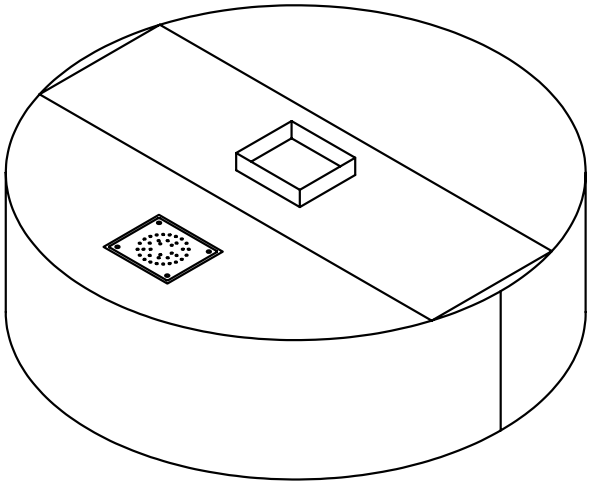
Model KVM Side Skirt Installation



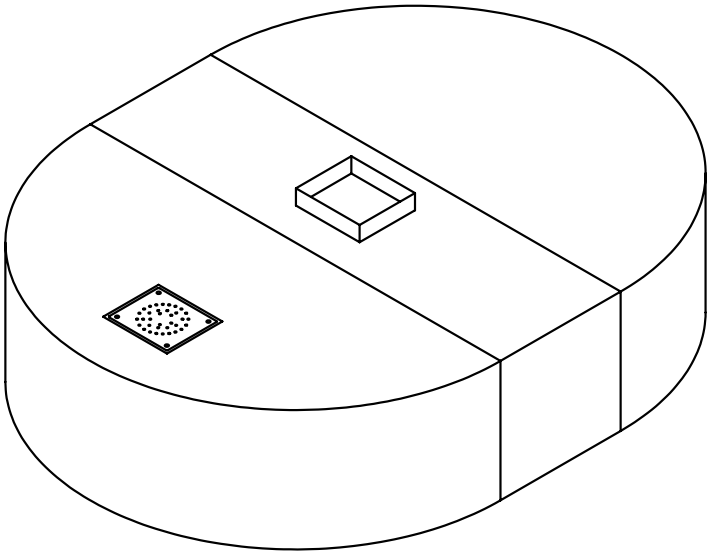
Ⓐ ——— Side Skirts (By Halton)
Ⓑ ——— Acorn Nuts ¼" x 20 thread (By Halton)

1. Panels "A" are placed at the outside ends of the hood at each end of the hood group.
2. Align the weld studs on the upper edges of the side skirts with the holes in the lower edge of hood ends and hang the panels on the ends of the hood group.
3. Fasten panels "A" to the ends of the hood with hardware "B"

Model KVO & KVR Oval and Round Hood Systems

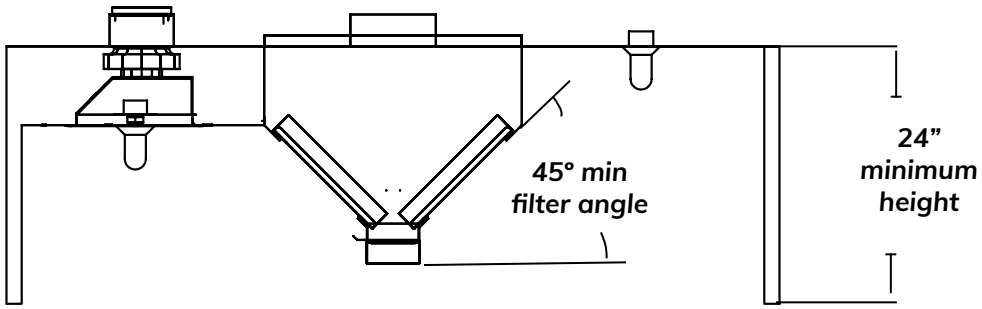


3D Plan view of round KVR



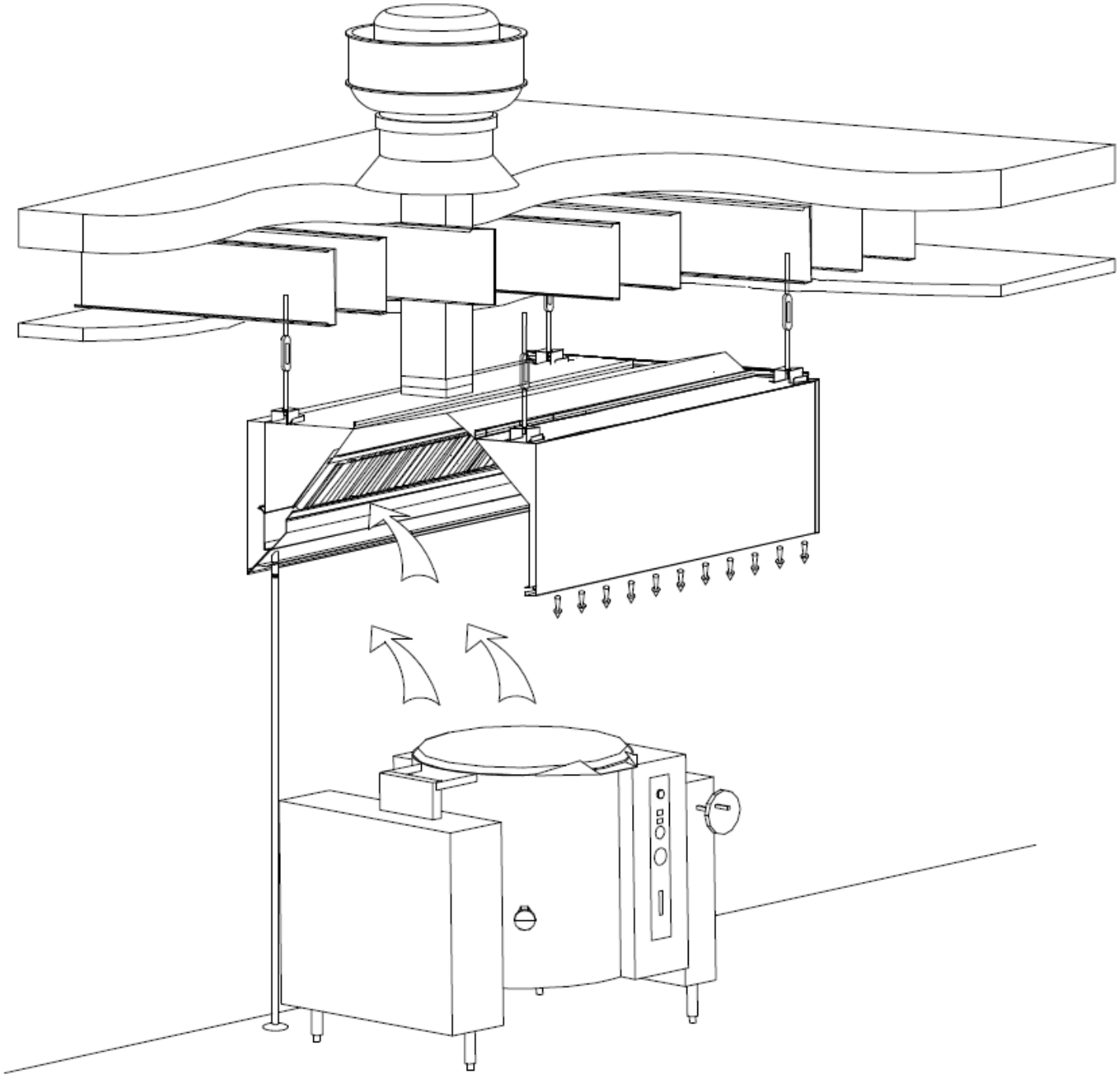
3D Plan view of oval KVR

Model KVR Round and Oval hoods can be shipped in pieces for field assembly. If pieces are shipped loose, parts will be marked for easy assembly, and an Operation and Installation, and Maintenance manual will be provided.



Cross section of KVR

Model KCH Typical Installation



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Product Listings & Certifications

Product	Description	ETL	ETL Sanitation	NSF
KCH	Capture Jet Condensate Hood	✓		✓
KVC	Capture Jet Supply Air Hood	✓		✓
KVE	Capture Jet Exhaust Hood	✓		✓
KVL	Capture Jet Low Profile	✓		✓
KVM	Capture Jet Hybrid Backshelf Hood	✓	✓	
KVO	Capture Jet Oval Hood	✓		
KVR	Capture Jet Round Hood	✓		
KVW	Capture Jet Island Hood	✓		✓

Warranty Form

This form must be completed and returned to Halton in order for your warranty to be valid.

Job & Location Information:

Job Name: _____

Street Name: _____

City: _____ State: _____ Zip Code: _____

Equipment Start-Up Date: _____ Product Serial Numbers: _____

_____

_____

Contact Information:

Contact Name: _____

Title: _____

Chef, Kitchen Mgr/Facility Mgr/Property Mgr/etc.

Facility Management Company Name (if applicable): _____

Email: _____

Phone Number: _____ Cell Number: _____

Fax completed form to:
Halton Company
Attention: Service Department
Fax: (270) 237-5700

Halton Indoor Climate Systems
Attention: Service Department
Fax: (905) 624-5547

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Halton

Halton Limited Warranty

Halton ("Manufacturer"). Warrants only to its direct purchasers and to no others, that all products manufactured by the Manufacturer shall be free from defect in materials and workmanship for a period of twelve (12) months from the date of the original installation and start-up or eighteen (18) months from date of shipment, whichever occurs first. All products sold but not manufactured by Manufacturer will be warranted for a period of twelve (12) months from date of shipment.

For products manufactured by the Manufacturer we agree to pay any reasonable labor costs necessary to repair or replace, at Manufacturers option, defective parts or materials for a period of twelve (12) months from date of original installation and start-up or eighteen (18) months from date of shipment, whichever occurs first. All labor costs subject hereto shall be performed during standard work hours at straight-time rates.

For products sold but not manufactured by the Manufacturer we agree to pay any reasonable labor costs necessary to repair or replace, at Manufacturers option, defective parts or materials for a period of (90) days from date of original installation and start-up or (12) months from date of shipment, whichever occurs first. All labor costs subject hereto shall be performed during standard work hours at straight time rates.

All warranty claims that include labor requires pre-approval by Halton. Halton, at its discretion, will authorize field warranty work through its own service network or certified third party. No claims for labor charges will be approved for payment if work commences without prior authorization by Halton.

Purchaser shall pay incurred premium labor charge, including overtime, weekends and holidays. Travel time, service charges, miscellaneous tools, material charges, and labor charges resulting from inaccessibility of equipment will not be paid by Manufacturer.

This LIMITED WARRANTY SHALL APPLY ONLY to products that have been installed and maintained in accordance with the installation and Care Instruction Manuals. Purchaser shall be solely responsible for adhering to the instructions and procedures set forth in the said instruction manuals.

This LIMITED WARRANTY SHALL NOT BE APPLICABLE to any damage or defect resulting from fire, flood, freezing or any Act of God, abuse, misuse, accident, neglect or failure to adhere to all instructions set forth in the installation and Care Instruction Manuals. Furthermore, this limited warranty shall not apply to any product that has been altered, unless such alteration has been approved in writing by a duly authorized representative of the manufacturer. In no event shall the manufacturer be liable for any loss, expense, personal injury or consequential damage, of any kind or character, as may result from a defect in material, and/or workmanship, however caused.

EXCEPT AS IS EXPRESSLY SET FORTH IN THIS LIMITED WARRANTY, MANUFACTURER MAKES NO WARRANTY OF MARKETABILITY FOR FITNESS OR ANY PARTICULAR PURPOSE. NEITHER DOES MANUFACTURER MAKE ANY WARRANTY, EXPRESSED OR IMPLIED, WITH RESPECT TO PRODUCTS SOLD BY MANUFACTURER OR AS TO THE USE THEREOF.

Continuous product improvement is a Halton policy, therefore specifications and design are subject to change without notice.

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Website: **www.halton.com**

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