



ALPINECANADA.COM UNDER MOUNT ADATOR KIT FOR WOLF DOWNDRAFT SYSTEMS MODELS DD30-DD36 AND DD45

Kit #DD30-ADAP-UM

Kit# DD36-ADAP-UM

Kit# DD45-ADAP-UM

PLEASE NOTE:

**Our kits are not approved by Wolf and you use
our product at your own risk.**

Our kits are designed to allow the undermounting of the Wolf downdraft systems, using either a 30 inch, 36 inch or 45 inch model. The kit allows for ease of installation and the complete removal should service or replacement be required. These are commonly used in conjunction with the PITT Cooktop, but can be used with other standard cooktop installations providing there is depth in the cabinet design.

The Kit has eight components and hardware and is designed for the Wolf brand of downdraft.

Individual replacement parts are available, please quote number and down draft size as noted in the manual.

The Wolf is used because of its quality and power, as well as it has a separate control panel which can be in any location that is suitable to the client.

Shown with front and rear facing discharge on the left as well as our optional bottom discharge transition on the right.



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Wolf remote blower information:

We first need to decide and confirm which downdraft will be used.

DD30, is a 30inch wide unit and uses our kit number DD30-ADAP-UM

DD36 is a 36 inch wide unit and uses our kit number DD36-ADAP-UM

DD45 is a 45 inch wide unit and uses our kit number DD45-ADAP-UM

Options for downdraft blowers are:

600 CFM internal #822725

600 CFM inline #808331

600 CFM remote #801640

Currently as of Jan 2024 Wolf has discontinued their 1200 and 1500 cfm remote blowers,

You can use an internal or inline blower if required, providing the duct run is very short. We highly recommend the use of the remote blowers for all applications to save cabinet space, and increase the power of the ventilation.

It is critical to ensure the ducting is sized correctly. It should be 10-inch diameter pipe for all blower systems. All venting joints must be sealed on the duct run to ensure good air flow.

Maxum duct length should be no more than 25 -30 feet of calculated length if possible. To calculate use duct run length plus 5 feet for every elbow. IE: 20 feet long, + 2 elbows = 30 feet.

One 14-2 Romex/lumex or BX cable is required to run from the remote blower to the down draft. Power and control are feed from the down draft though this cable to the remote.

Follow all other manufacture recommendations as supplied for mounting.

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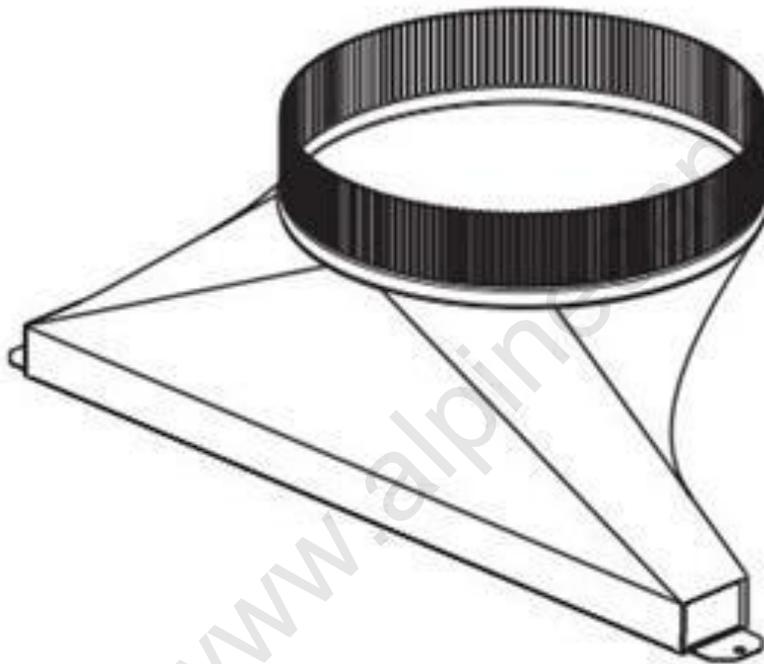


Venting your down draft system

We have found on many occasions that there is not much room left in the base cabinet to allow for the client to use as storage, due to the 10 inch duct elbow taking most of the cabinet.

For that reason, we carry 2 ½ x 20 rectangle to 10 inch round duct adaptors which can be used to vent your system straight down through the floor.

A slight modification to the bottom of the ventilator is required for this and is easily done using a grinder with zip disk attached to open the base. A 10" plug is also required to seal off the existing front duct transition box take off.



We carry these in both 10 inch round and 8 inch round take off sizes.

Part # SA-AA-VDKD-10

Part # SA-AB-VDKD-8

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When cutting the bottom of the ventilator ensure any wiring is moved out of the way prior to cutting.

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The Remote Control System

The control is what raises and lowers the downdraft ventilator as well as controls the speed of the blower system. A suitable location needs to be found for the operation of the downdraft.

The control is 6 5/8" long by 2 3/8" wide, and 1/2" thick. It is connected to the down draft control via a Cat 5 cable which is supplied with the downdraft. The remote can be mounted up to 9 feet away either undercounter or tucked away in another cabinet.



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Countertop cut out dimensions

DD30 = 2 1/4 inch wide

by minimum 26 1/2 inch to max of 27 3/4 inch long

DD36 = 2 1/4 inch wide

by minimum of 32 1/2 inch to max of 33 3/4 inch long

DD45 = 2 1/4 inch wide

by minimum 38 1/2 inch to max of 39 3/4 inch long

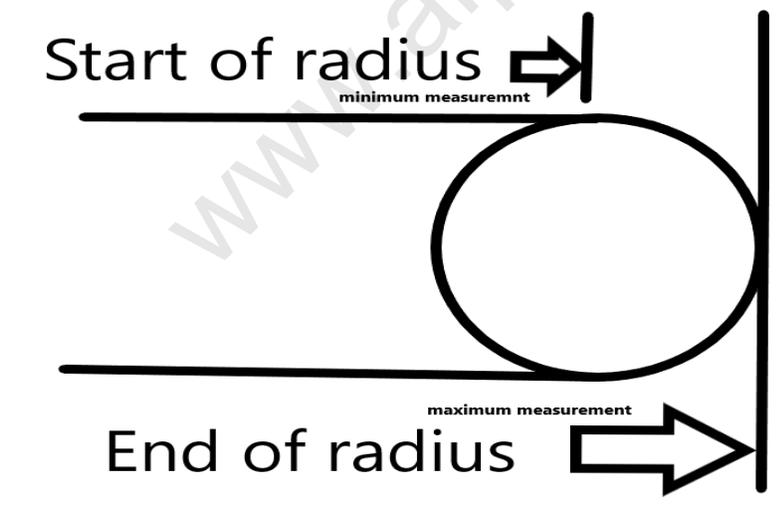
Note: As the countertop cut-out is 2 1/4 inches wide, your filler will be approx 1 7/8 to 2 1/16 inches wide.

This is determined by the method of cutting system used. IE: water jet or saw cut.

There should be an approx 1/8 " gap all around the "filler to countertop" for the moment and clearance of the ventilator when raising and lowering.

The ends of the countertop cutouts can be either square cut or radius

If radius, do not exceed the maximum length noted above.



PLEASE NOTE:

On the DD36 The Maximum weight of the counter top filler cannot exceed 9 lbs total weight.

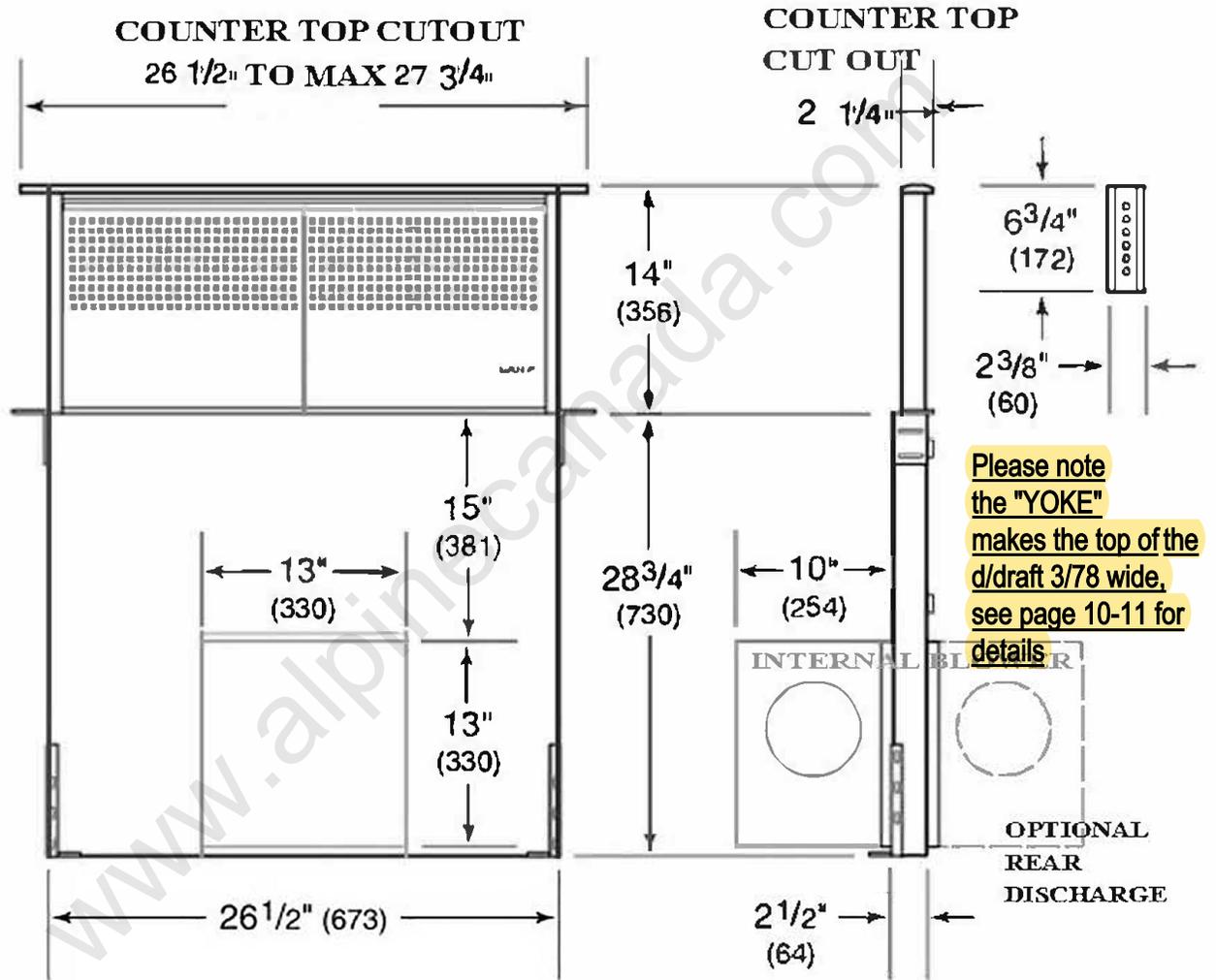
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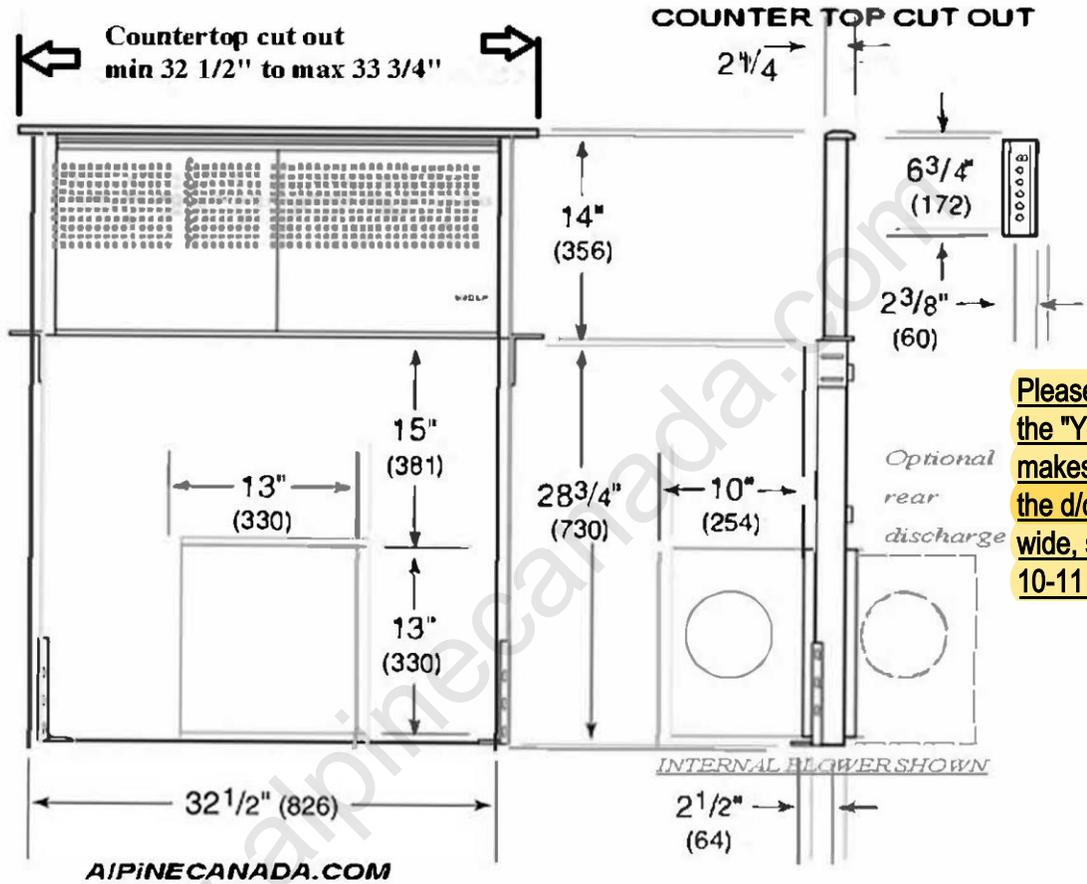
DIMENSIONS FOR #DD30-ADAP-UM UNDERMOUNT KIT



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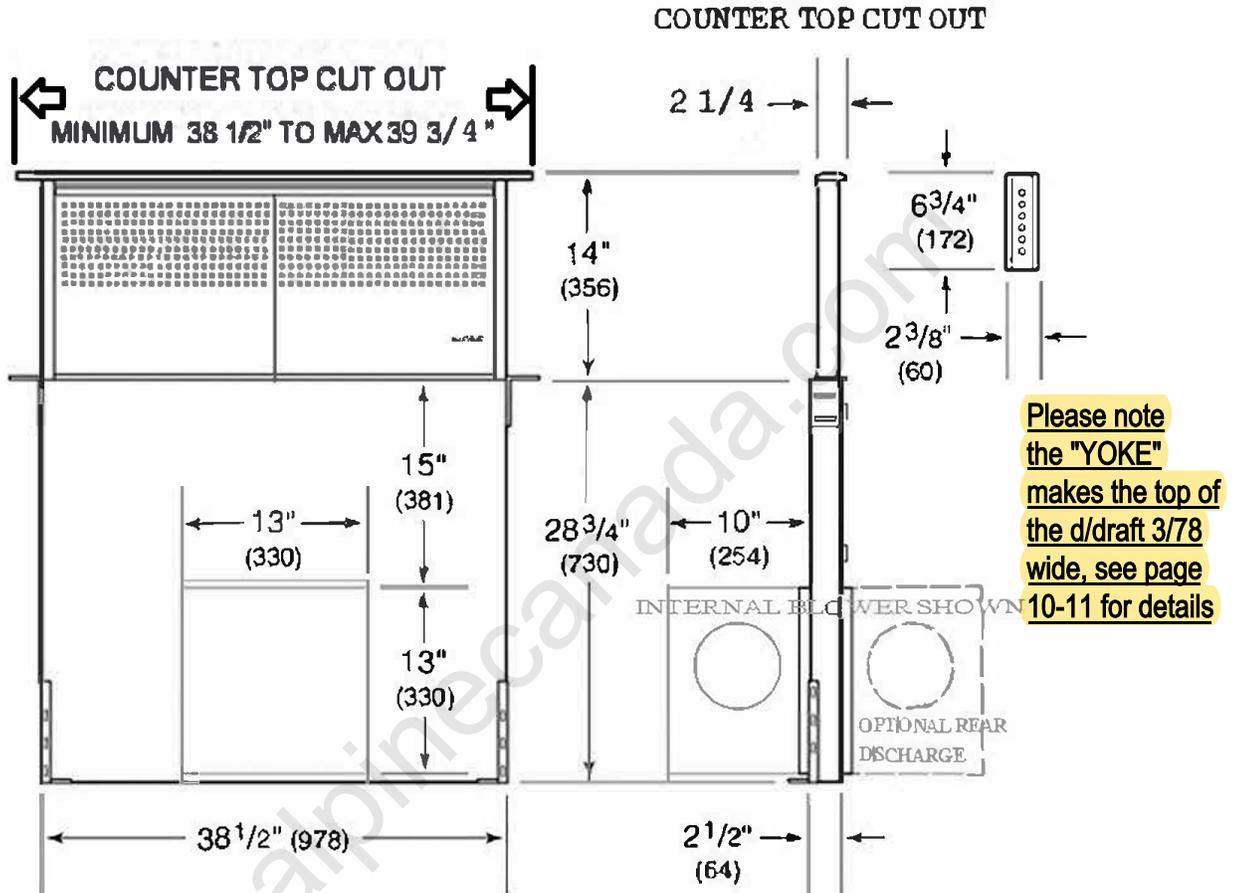
DIMENSIONS FOR #DD36-ADAP-UM UNDERMOUNT KIT



Please note the "YOKE" makes the top of the d/draft 3/8 wide, see page 10-11 for details



DD45-ADAP-UM DIMENSIONS

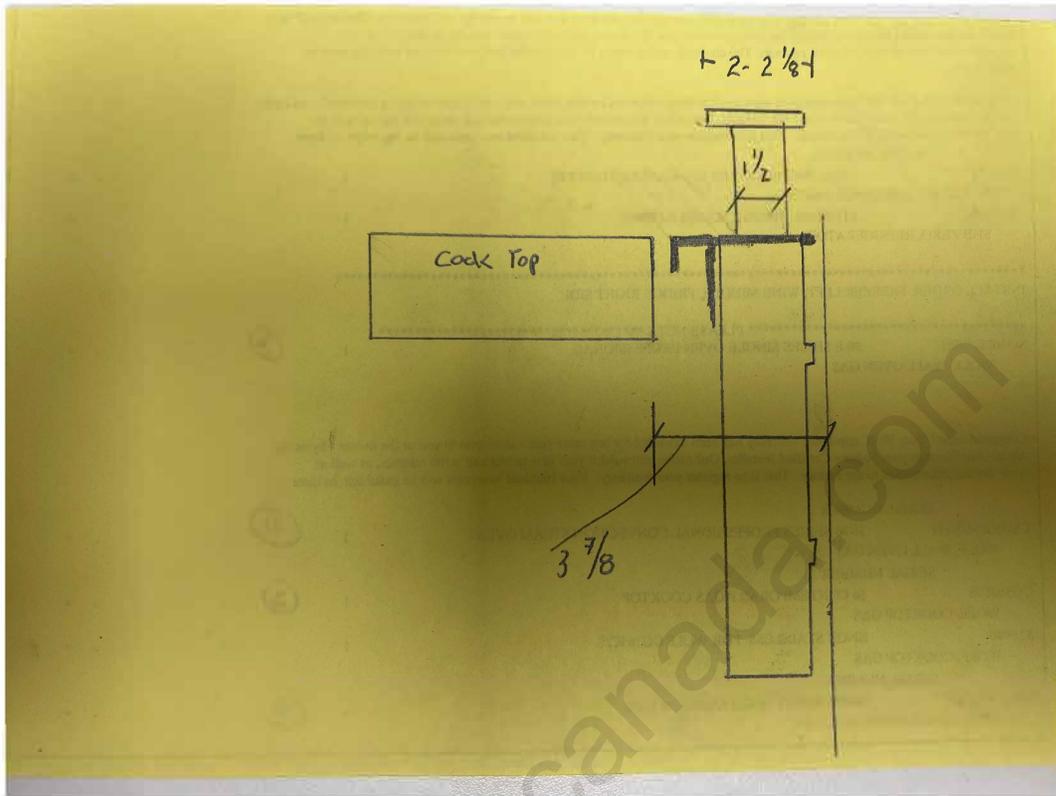


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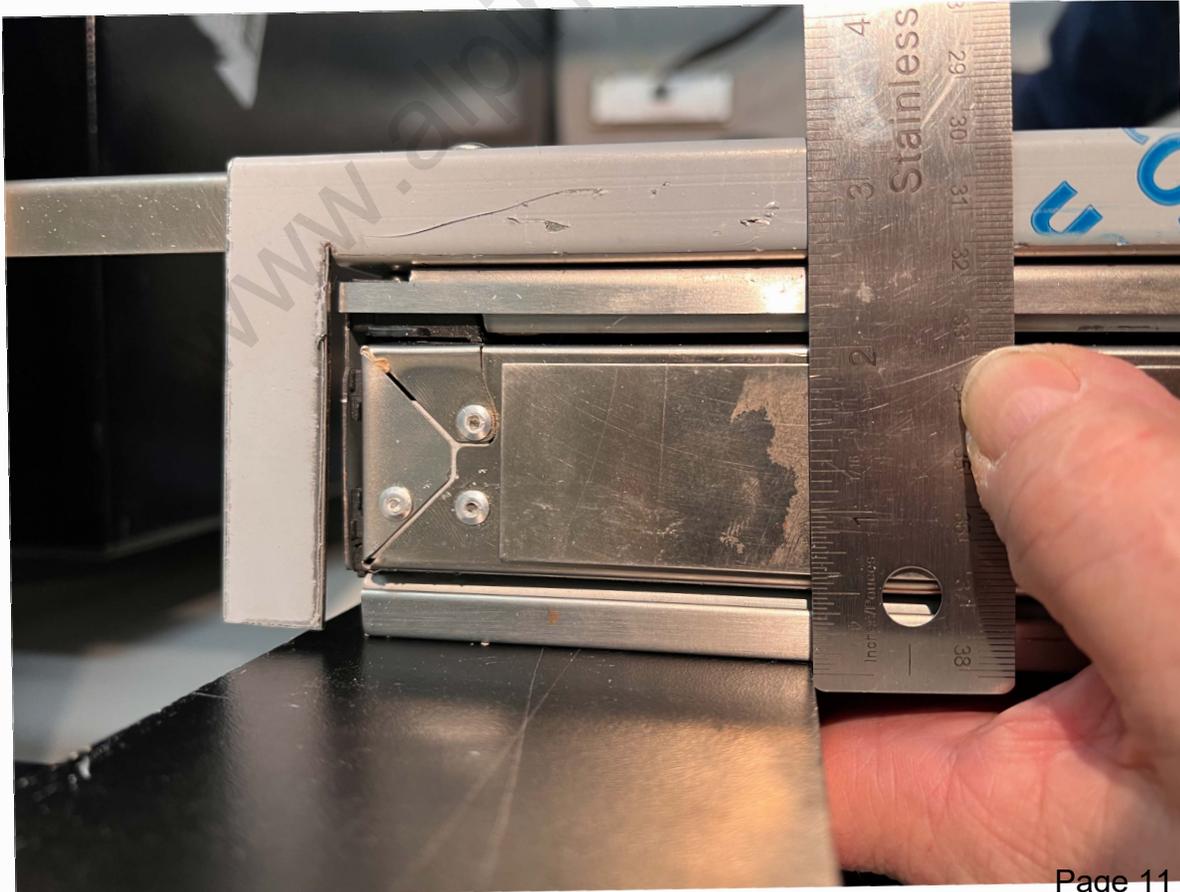
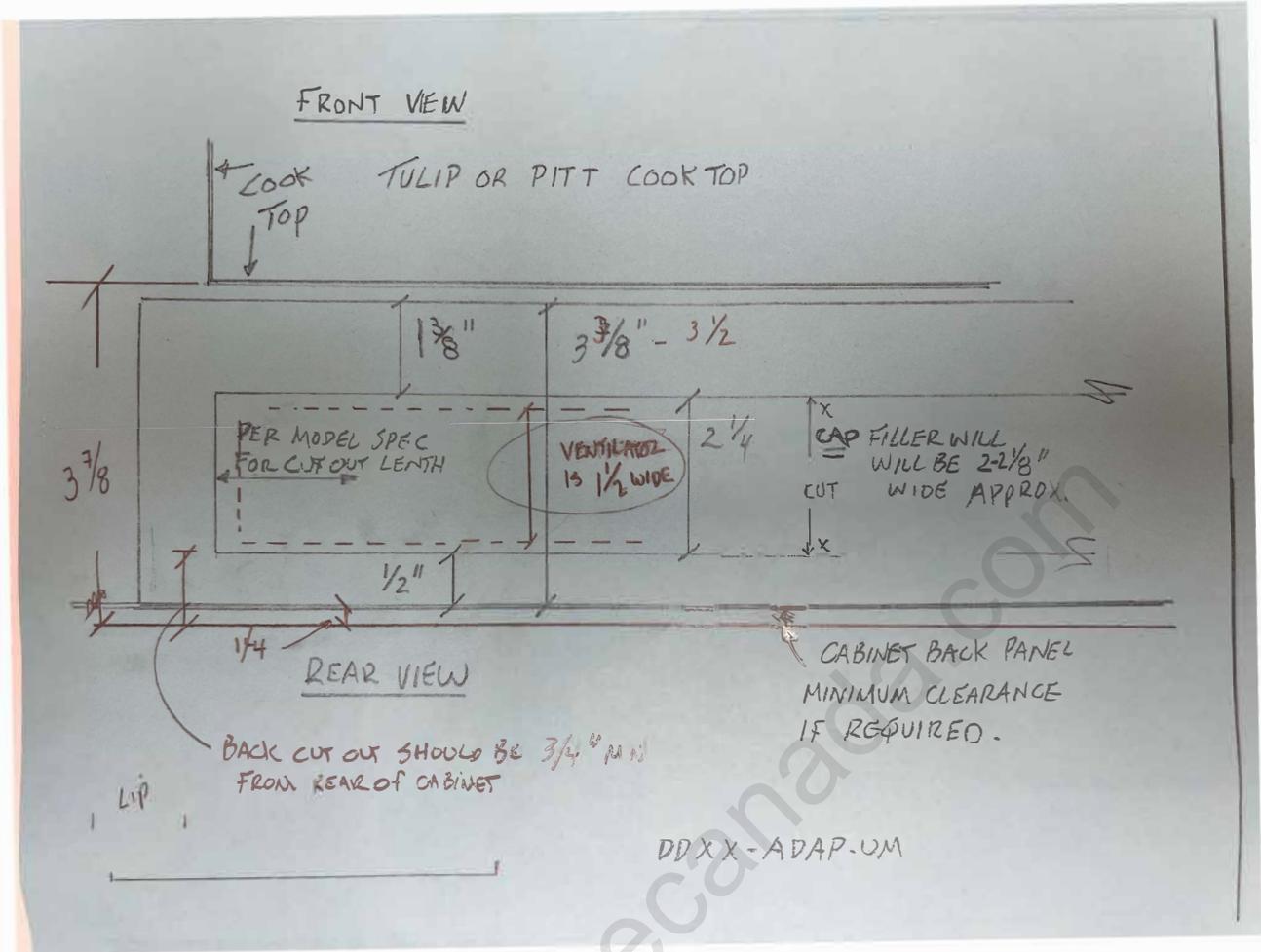
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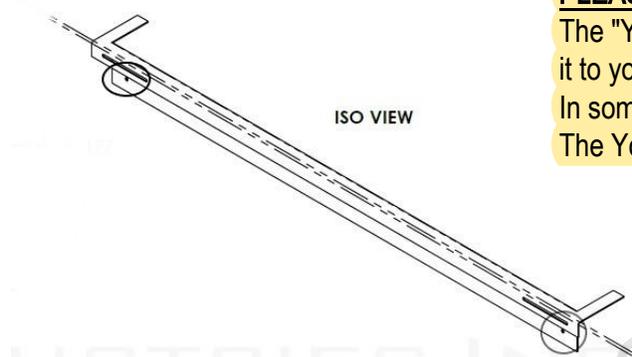
The Alpinecanada.com undermount adaptor kit comes with 8 components for assembly and installation. If you are purchasing a complete package of the kit and Wolf downdraft, we will pre assemble the kit on the unit for you.

“Yoke” Part #01

The Yoke is secured to the down draft on the control and wiring access side (front face). It is adjustable in height using the two mounted slip nuts installed on the face of the downdraft on the left and right-side.

PLEASE NOTE *****

The "Yoke" adds depth to the downdraft please add this to your overall measurement including the cook top.
In some cases additional cabinet depth is required.
The Yoke, is 3 7/8" in depth.



Assembled downdraft with white protective covering in place. (Remove before installation)

Part #SA-0030-01 Yoke for DD30, 30 inch model

Part# SA-0036-01 Yoke for DD36, 36 inch model

Part# SA-0045-01 Yoke for DD45, 45 inch model

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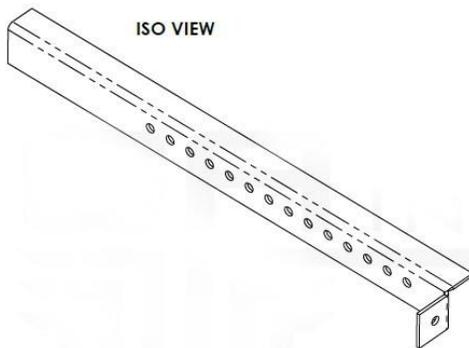
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Adjustable support brackets left and right for “Yoke” Part #02 and #03

These adjustable brackets allow for mounting to the cabinet gables both left and right to secure the units. In some cases, due to cabinet gable width, additional blocking may be required for securing these to your gables. Please use two of the #10-32 x ½ screws, washers and nuts provided in your kit to secure the bracket to the “Yoke”. (Item A) The outer 90 degree tab (Item B) is used to secure the bracket to the cabinet gable on both left and right sides. Do not secure these to the gables until final height adjustment is made with dry fitting of the countertop filler piece.



Side support for Yoke trim Right hand

Part# SA-00AL-02 Side support right hand for all models

Side support for Yoke trim Left hand

Part# SA-00AL-03 Side support left hand for all models

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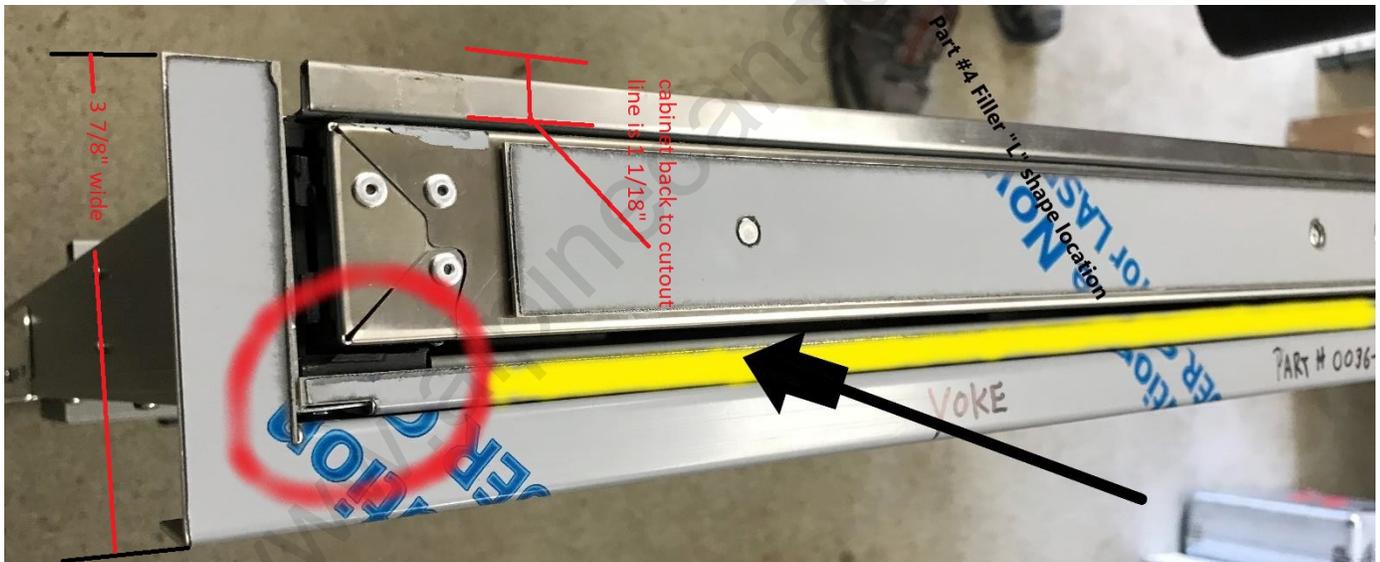
Filler "L" shape Part #04

The filler "L" shape adaptor (yellow) is used to cover the sheet metal downdraft casing just in front of the "Yoke". You will see there is a pre-cut notch (red circle) which must index with tabs on the top of the downdraft. The filler "L" shape adaptor is secured to the casing using the pre-installed "VHB" mounting tape.

NOTE: Please dry fit this first before removing the protective plastic cover on the tape, as once installed it will not come off.

This photo is looking top down on the downdraft. The top of the photo is the back that would face the rear of the cabinet box. The bottom of the photo where "Yoke" is marked is front and should be 1/8" min to max 3 inches away from the back of the cooktop. The back cut line of the counter cut-out can be no less than 1 1/8" away from the rear of the downdraft.

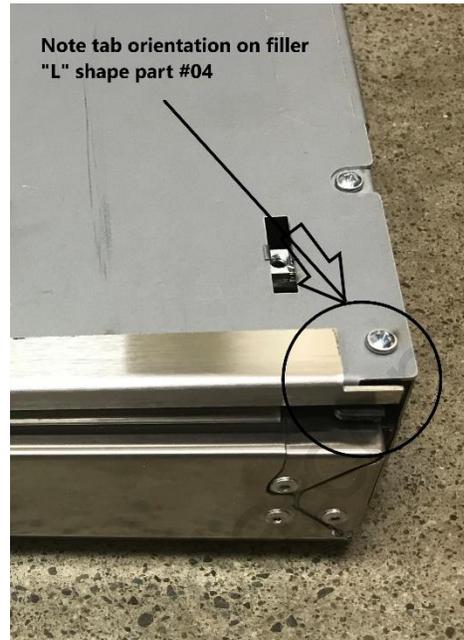
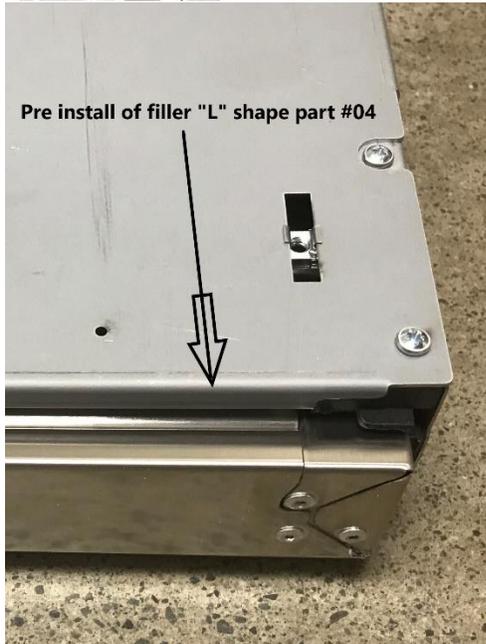
Your cut will be determined by the final placement of the system in your overall design.



Please note*****

The "Yoke" front to back dimension is 3 7/8 inches wide which adds overall depth including the cook top to your cabinet depth. In some cases additional cabinet depth may be required.

Ensure our system will work with your combination of the cooktop and appropriate cooktop clearances, plus a 3 7/8 inch minimum addition for the downdraft yoke and support system to fit your front-to-back cabinet dimension clearance.



Filler "L" shape

Part# SA-0030-04 Filler "L" shape for DD30, 30 inch model

Part# SA-0036-04 Filler "L" shape for DD36, 36 inch model

Part# SA-0045-04 Filler "L" shape for DD45, 45 inch model

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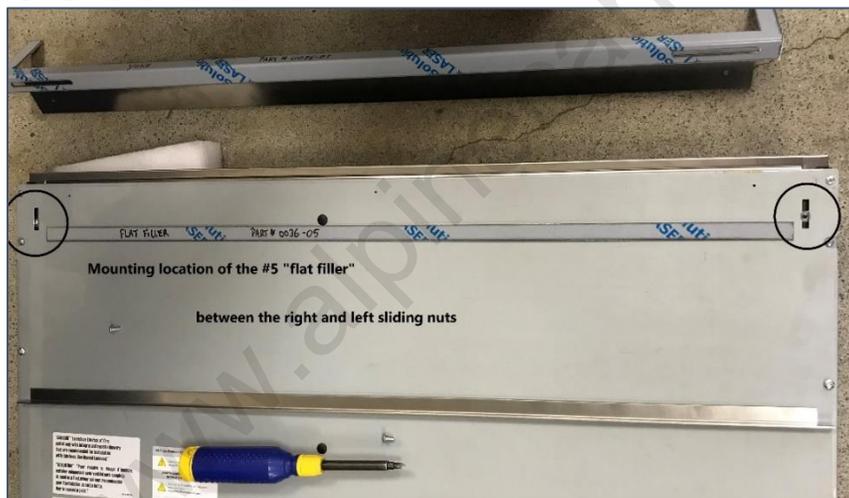
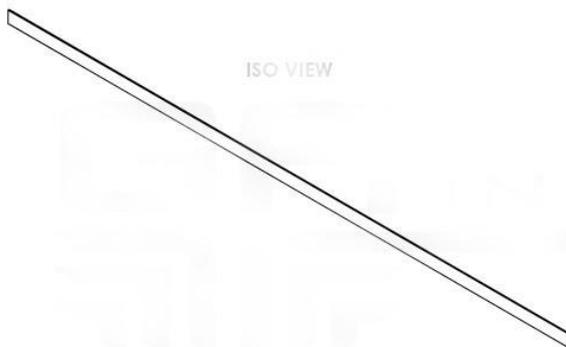
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Flat filler Part #05

This part is used as a filler to allow the “Yoke” to stay flat and parallel to the down draft casing when installed and is mounted to the casing using the “VHB” mounting tape supplied.

NOTE: the Filler “L” adaptor part #04 and the flat filler part #05 must be installed prior to the installation of the “Yoke”.



Flat filler Yoke support:

Part# SA-0030-05 Flat filler for DD30, 30 inch model

Part# SA-0036-05 Flat filler for DD36, 36 inch model

Part# SA-0045-05 Flat filler for DD45, 45 inch model

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Down draft counter mounting cap part #06

Always dry fit this complete component prior to final mounting of the countertop filler piece, as height of the down draft, and yoke may need to be adjusted to match countertop filler thickness.

The standard Wolf top trim is not used and substituted with the #06 flat trim supplied.

The trim is held down after fitting with three #6-32 nylon nuts supplied in the kit.

It is important to remove the plastic protective cover and that the trim (yellow below) be roughed up with any available 120-to-80 grit sandpaper.

It must be cleaned with "toluene" or "acetone" prior to fixing the countertop material. Once the corrected height has been adjusted.

We recommend using clear silicone to adhere the trim to cap using several small beads down the length.

Use shims to centre the countertop material in place and allow over night setting of the silicone before attempting to engage the up down mechanism.



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Precaution must be taken to ensure the nut does not drop down the ventilator when being installed.

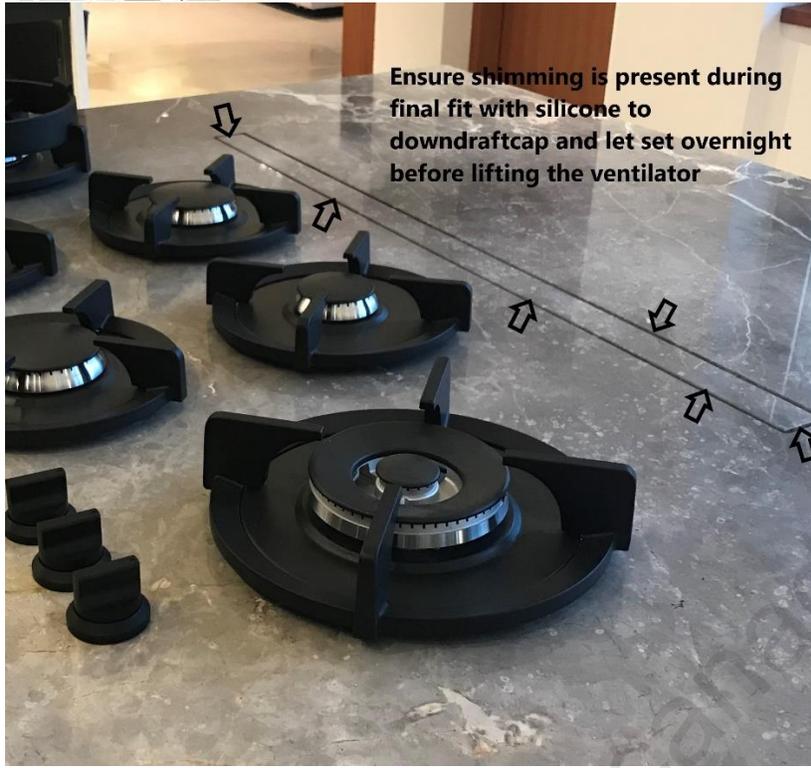


Note trim orientation with two predrilled holes to line up with rivets on downdraft

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Downdraft counter mounting cap

Part# SA-0030-06 Mounting cap for DD30, 30 inch model

Part# SA-0036-06 Mounting cap for DD36, 30 inch model

Part# SA-0045-06 Mounting cap for DD45, 45 inch model

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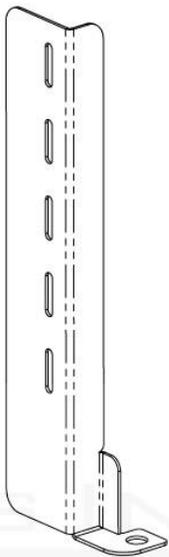
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Leg supports Part #07 and 08

The leg supports allow for the up and down adjustment to help with the fitting and leveling of the “countertop cap” with relation to the main top. This should be done during the final “dry fitting stage” prior to the permanent silicone setting of the countertop cap filler piece.

ISO VIEW



Leg support Left hand

Part# SA-00ALL-07 Leg support left hand fits all models

Leg support Right hand

Part# SA-00ALL-08 Leg support right hand fits all models

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When completed your system is now ready to test. Shown with the PITT cooktop



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Open front view



Open side view

Closed view
with beautiful
integration.





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