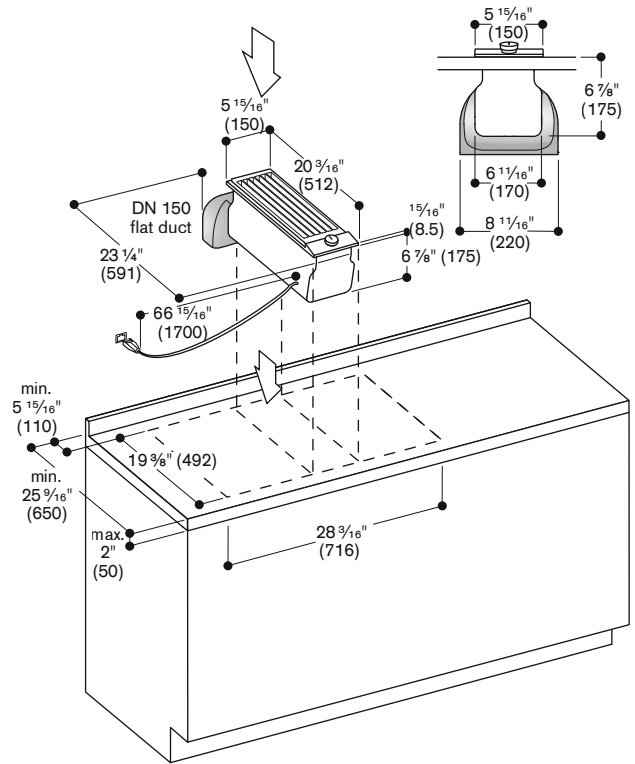


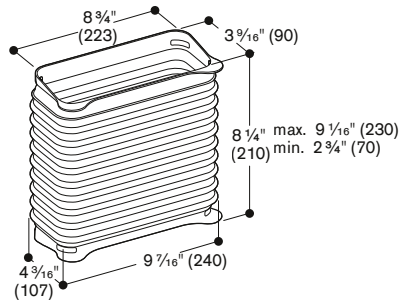
Planning examples with the 200 series downdraft ventilation

Good to know – for correct planning and installation

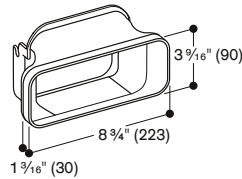
- For depth measurements, take account of the depth of the cabinet front and countertop overhangs of the kitchen cabinet.
- With the Vario downdraft ventilation, the ducting is connected to the rear.
- The respective connecting pieces are available for this purpose.
- Maximum distance between the Vario downdraft ventilation and the blower: Cable length in between 66" (1.7 m)
- For optimum air circulation, we recommend ducts with DN 150.
- 2 flat or 2 round ducts must be connected with a pipe connector.
- To connect 2 duct bends together (e.g. a 90° horizontal duct bend and a 90° vertical duct bend), a piece of flat duct is required, which can be shortened to the required length by cutting it to size.
- It is also important that ducting is well sealed in order to prevent air leaks, e.g. by using the adhesive tape AD 990 091 (UV- and heat-resistant).
- Vario cooktops with intensive vapor formation like Vario Teppan Yaki, Vario electric grill should be placed central; in case of Vario electric grill air recirculation is not recommended.



AD 410 040: Flexible connection piece for VL 200, DN 150 flat



AD 851 041: Connecting piece VL 200 for extension with flat duct DN 150 for extra deep countertop



Planning example 1

VL 200 with AR 410 710 recirculation blower

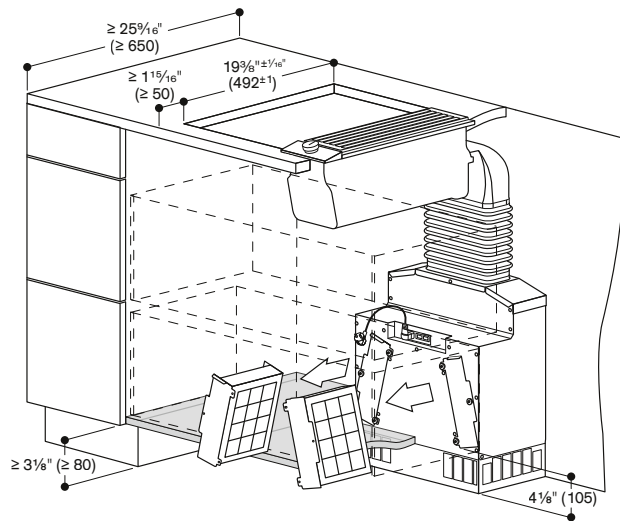
Wall installation, countertop depth $25\frac{1}{16}$ " (65 cm), access to the filters for replacement from the front.

Good to know

- Allow accessibility to the charcoal filters in the base cabinet for their replacement.
- Additionally, if the toe-kick is higher than $3\frac{1}{8}$ " (80 mm), the external blower has to be elevated to enable access to the filters. If the toe-kick is $3\frac{1}{8}$ " (80 mm) high, the blower can be placed directly on the floor.
- For optimum performance, the recirculated air requires sufficient space to escape. Recommend AA 010 410 air exhaust grill (or custom grill).

List of components

- 1x AR 410 710 (blower air recirculation)
- 1x AD 410 040 (flexible connecting piece for VL 200, DN 150 flat)
- 1x AA 010 410 air exhaust grill (or custom grill)



Planning example 2 - Metal

VL 200 with AR 410 710 recirculation blower

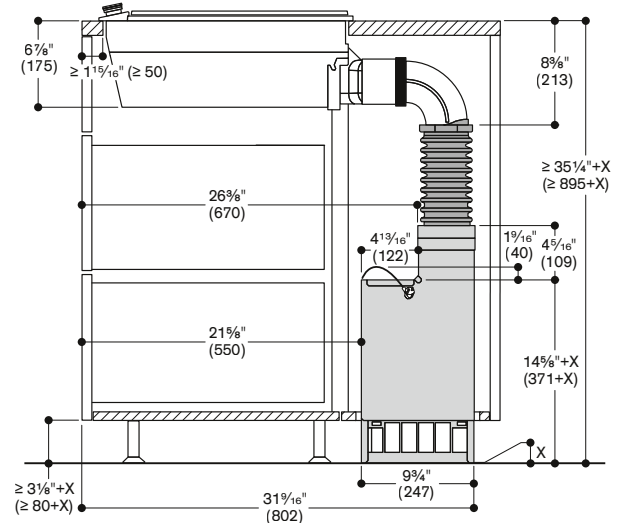
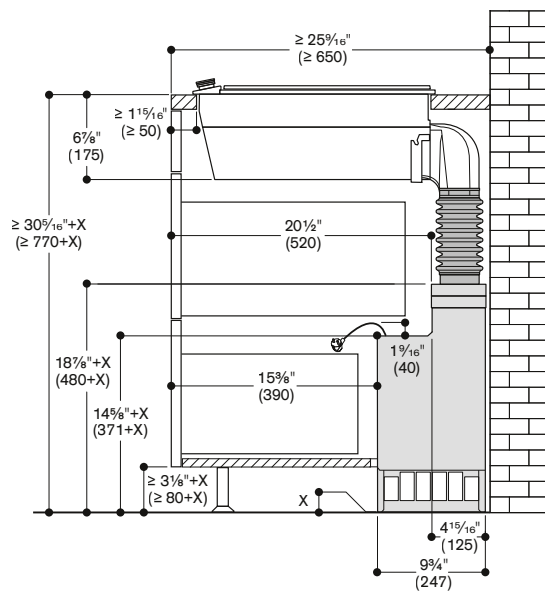
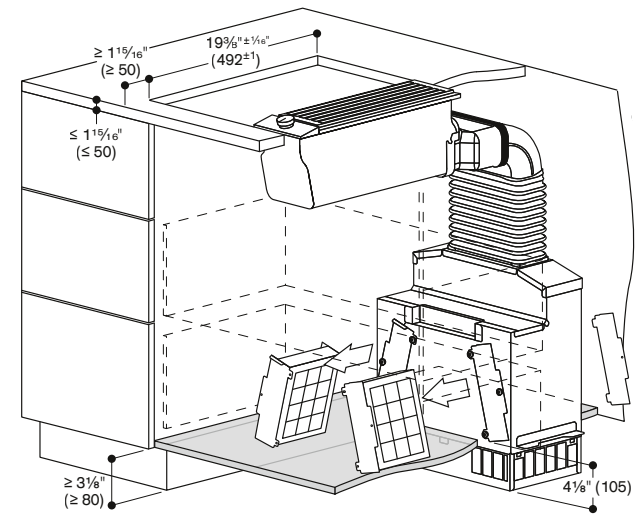
Island installation, access to the filter for replacement from the front or the back.

Good to know

- Allow accessibility to the charcoal filters in the base cabinet for their replacement.
- Additionally, if the toe-kick is higher than $3\frac{1}{8}$ " (80 mm), the external blower has to be elevated to enable access to the filters. If the toe-kick is $3\frac{1}{8}$ " (80 mm) high, the blower can be placed directly on the floor.
- For optimum performance, the recirculated air requires sufficient space to escape. Recommend AA 010 410 air exhaust grill (or custom grill).

List of components

- 1x AR 410 710 (blower air recirculation)
- 1x AD 851 041 (connection piece for extension with flat duct for extra deep countertop)
- 1x AD 854 000 (flat duct bend connecting piece, metal, DN 150 flat)
- 1x AD 854 030 (flat duct bend 90° vertical, metal, DN 150 flat)
- 1x AD 410 040 (flexible connecting piece for VL 200, DN 150 flat)
- 1x AA 010 410 air exhaust grill (or custom grill)
- 1x AD 990 091 (adhesive tape for sealing the ducts, aluminium)



Planning examples with the 200 series downdraft ventilation

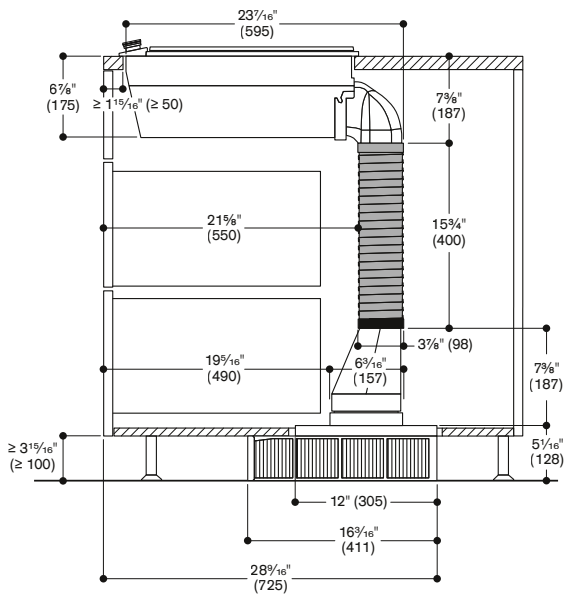
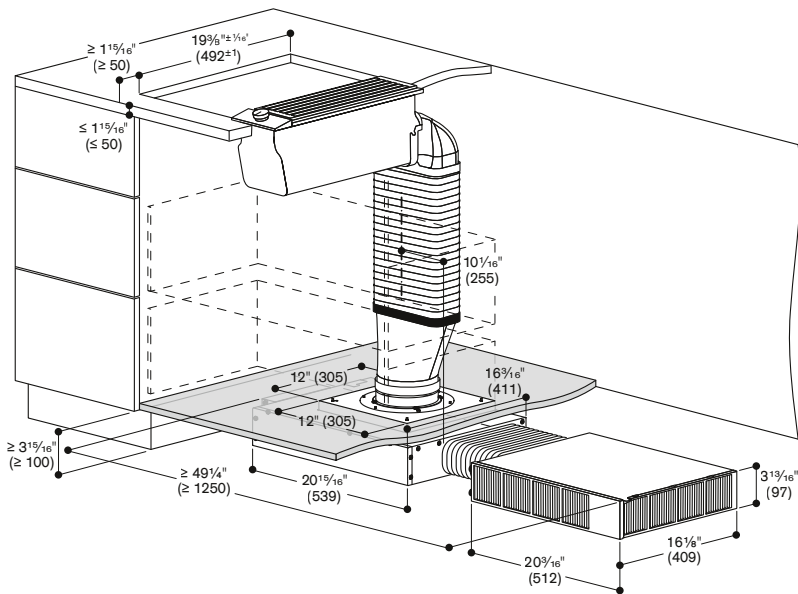
Planning example 3 - Metal

VL 200 with AR 413 722 recirculation blower

Island/Wall installation, connection from the right side.

List of accessories

- 1x AR 413 722 (blower toe-kick)
- 1x AD 858 010 (flat duct flex pipe, metal, DN 150)
- 1x AD 854 041 (flat duct adapter round, metal, DN 150 flat/round)
- 1x AD 413 722 (Oval flex duct)
- 1x AA 413 722 (recirculation kit)
- 1x AA 010 410 air exhaust grill (or custom grill)
- 1x AD 990 091 (adhesive tape for sealing the ducts, aluminium)



Cut-out dimensions for 200 series combinations

The drawings below show the cut-out dimensions for cooktop combinations of the 200 series.

The technician can find the suitable cut-out dimensions for the combinations most frequently used by referring to the previous pages and the drawings below.

Cut-out dimensions for the Vario 200 series

$11 \frac{5}{16}$ " (288) Appliance
$- 1 \frac{3}{16}$ " (- 20) Overhang
$10 \frac{9}{16}$ " (268) Cutout

$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200
$11 \frac{5}{16}$ " (288) Appliance	$22 \frac{7}{8}$ " (581)
$- 1 \frac{3}{16}$ " (- 20) Overhang	
$22 \frac{1}{4}$ " (561) Cutout	

$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200	$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200
$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200	$34 \frac{7}{8}$ " (874)	
$- 1 \frac{3}{16}$ " (- 20) Overhang			
$33 \frac{5}{8}$ " (854) Cutout			

$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200	$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200	$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200
$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200	$45 \frac{3}{16}$ " (1147)			
$45 \frac{13}{16}$ " (1167) Appliance					
$- 1 \frac{3}{16}$ " (- 20) Overhang					
$45 \frac{3}{16}$ " (1147) Cutout					

$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200	$22 \frac{13}{16}$ " (580) Appliance
$34 \frac{3}{8}$ " (873) Appliance		$33 \frac{9}{16}$ " (853)
$- 1 \frac{3}{16}$ " (- 20) Overhang		
$33 \frac{3}{16}$ " (853) Cutout		

Cut-out dimensions for the Vario 200 series with VL downdraft

$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200	$5 \frac{15}{16}$ " (150) VL 200
$17 \frac{7}{16}$ " (443) Appliance		$- 1 \frac{3}{16}$ " (- 20) Overhang
$16 \frac{5}{8}$ " (423) Cutout		

$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200	$5 \frac{15}{16}$ " (150) VL 200	$\frac{3}{16}$ " (5) VV 200
$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200	29 " (736) Appliance	
$- 1 \frac{3}{16}$ " (- 20) Overhang			
$28 \frac{3}{16}$ " (716) Cutout			

$5 \frac{15}{16}$ " (150) VL 200	$\frac{3}{16}$ " (5) VV 200	$22 \frac{13}{16}$ " (580) Appliance	$\frac{3}{16}$ " (5) VV 200
$5 \frac{15}{16}$ " (150) VL 200	$\frac{3}{16}$ " (5) VV 200	$34 \frac{1}{4}$ " (870) Appliance	
$- 1 \frac{3}{16}$ " (- 20) Overhang			
$34 \frac{1}{4}$ " (870) Cutout			

$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200	$5 \frac{15}{16}$ " (150) VL 200	$\frac{3}{16}$ " (5) VV 200	$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200
$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200	$5 \frac{15}{16}$ " (150) VL 200	$\frac{3}{16}$ " (5) VV 200	$11 \frac{5}{16}$ " (288) Appliance	$\frac{3}{16}$ " (5) VV 200
$46 \frac{5}{8}$ " (1184) Appliance					
$- 1 \frac{3}{16}$ " (- 20) Overhang					
$45 \frac{13}{16}$ " (1164) Cutout					

How to calculate? General Rules.

First calculate the overall dimension of the cooktop set up. Do this by adding each unit's overall width and add 3/16" for each connecting strip used. Once you have the final figure for the overall dimension, deduct the overlap of the cooktop set up at each end (starting and ending unit).

Cut-out dimension = Overall dimension. The overlap at each end (total overlap).

Between each unit (cooktops and downdraft) a connecting strip should be placed and added to the overall dimension of the cooktop set up.

The Vario 200 series does not have finishing strips.

When installing only one unit, the cut-out dimension is 10 9/16" for the 12" units, 22 1/4" for the VI 263 620 and VG 264 220CA.