

# Installation configurations for 400 series VL 414 downdraft and 400 series blowers

## Good to know – for correct planning and installation

- For depth measurements, take the depth of the furniture cavity and cooktop overhangs of the kitchen furniture in account.
- With the Vario downdraft ventilation, the ducting can be connected on the right, left or downwards.
- For optimum air circulation, we recommend ducts with  $\varnothing 6"$ .
- 2 round ducts must be connected with a pipe connector.
- It is also important that ducting is well sealed in order to prevent air leaks, e.g. by using a duct tape which can be purchased at a local hardware store.

### Planning example 1

#### 1x VL 414 with AR 400 742 inline blower

Aluminum flex duct with  $\varnothing 6"$  with downwards connection

#### Combination

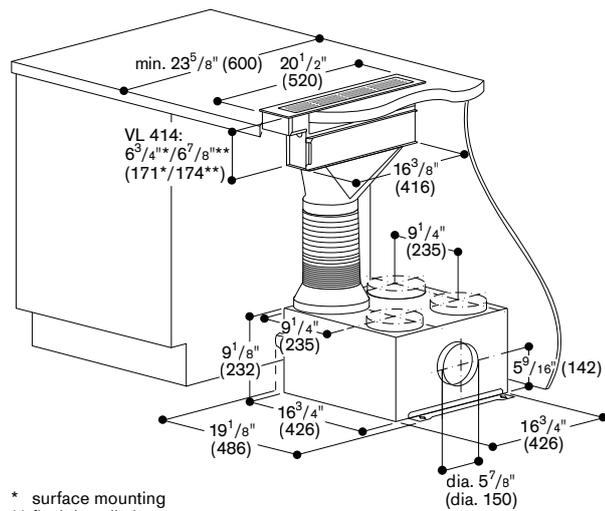
1x VL 414 downdraft ventilation in combination with 1x AR400742 inline blower

#### Good to know

- Connecting to AR400742 inline blower is possible at all four intakes.

#### List of required components

- 1x AD724042 ( $\varnothing 6"$  round transition piece for VL)
- 1x aluminum flex duct  $\varnothing 6"$  (can be purchased at local hardware store)
- 1x AR400742 inline blower



### Planning example 2

#### 2x VL 414 with AR 400 742 inline blower

Aluminum flex duct with  $\varnothing 6"$  with downwards connection

#### Combination

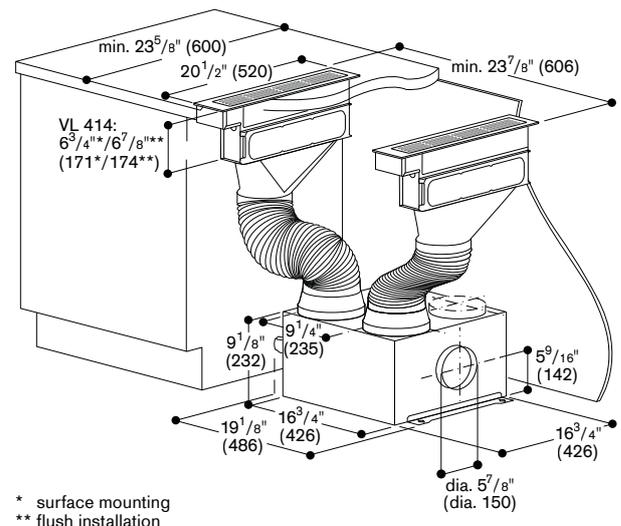
2x VL 414 downdraft ventilation in combination with 1x AR400742 inline blower

#### Good to know

- Connecting to the AR 400 inline blower is possible at all four air intakes.

#### List of required components

- 2x AD724042 ( $\varnothing 6"$  round transition piece for VL)
- 2x aluminum flex duct  $\varnothing 6"$  (can be purchased at local hardware store)
- 1x AR400742 inline blower



**Planning example 3**

**1x VL 414 with AR 413 722 recirculation blower**

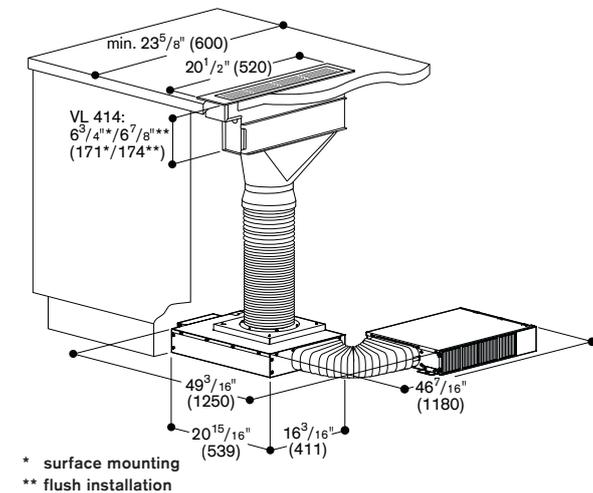
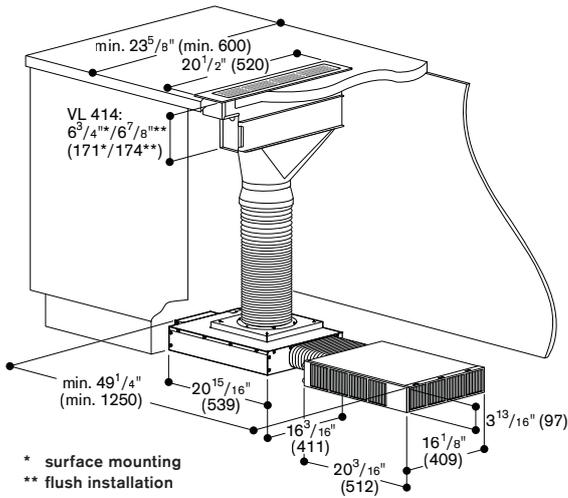
Aluminum flex duct  $\varnothing$  6" with downwards connection

**Good to know**

- The recirculation blower configuration exists of 3 required components: AR413722 recirculation blower, AA413722 recirculation kit and AD413722 oval flex duct. Order SKU SET1AR4102 to receive all three components
- The recirculation blower can be rotated in all directions depending on the vent direction required and filter removal option.
- The recirculated air requires an adequate discharge space in order to ensure optimal performance (at least 109 square inches outflow surface).
- The recommended minimum distance between filter openings and cabinet wall if there is no ventilation grill directly in front: 6 inches.

**List of required components**

- 1x AD724042 ( $\varnothing$  6" round transition piece for VL)
- 1x aluminum flex duct  $\varnothing$  6" (can be purchased at local hardware store)
- 1x SET1AR4102 recirculation blower configuration (SET-SKU for 1x AR413722 recirculation blower + 1x AA413722 recirculation kit + AD413722 oval flex)



**Planning example 4**

**2x VL 414 with AR 413 722 recirculation blower**

Aluminum flex duct  $\varnothing$  6" with downwards connection

**List of required components**

- 2x AD724042 ( $\varnothing$  6" round transition pieces for VL)
- 2x aluminum flex duct  $\varnothing$  6" (can be purchased at local hardware store)
- 1x AD704048 (air collector box round duct)
- 1x SET1AR4102 recirculation blower configuration (SET-SKU for 1x AR413722 recirculation blower + 1x AA413722 recirculation kit + AD413722 oval flex)

