

# Installation notes for induction cooktops

Applies to CI 282/292, CX 491, and VI 414/424/491

## Intake air ducting

Induction cooktops have a cooling fan to protect the appliance's electronics from overheating. In the case of insufficient air circulation in the cabinet, the appliance's output will be reduced to prevent electronic damage.

### A Air duct behind a cabinet or built-in oven

An open cross-section of a minimum of  $1\frac{3}{16}$ " is needed across the full width and full height of the cabinet. Cabinets with a closed bottom also need a respective cross-section in the air duct area.

### B Air intake through the cabinet's back wall:

In the cabinet's back wall, plan a recess of at least  $1\frac{3}{4}$ " in height from the countertop's bottom line.

#### The minimum width is

- $21\frac{5}{16}$ " for the Vario VI 414/424 induction cooktop or the CI 282
- $32\frac{5}{16}$ " for the CI 292/CX 491 induction cooktop

### Exhaust air ducting with intermediate shelf:

To prevent the content of drawers underneath the cooktop from heating up, the use of an intermediate shelf is recommended, except for 36" cooktops. Width of cut-out at least

- $3\frac{5}{16}$ " for a 30" induction cooktop

\* Does not apply to 36" cooktops

\*\* Min.  $2\frac{5}{16}$ " for cooktops with a frame and min.  $2\frac{3}{4}$ " for cooktops without a frame.

#### Niche width needs to be at least

- $5\frac{1}{2}$ " for the VI 411/421, induction cooktop
- $3\frac{15}{16}$ " for the CI 282 induction cooktop

\* Does not apply to 36" CI 292/CX 491 induction cooktops

\*\* Minimum  $2\frac{5}{16}$ " for cooktops with frame (CI 292/CI 282) as well as VI 491 for surface-mounted installation and min.  $2\frac{3}{4}$ " for CX 491 as well as for VI 491 for flush installation.

## Combination with AL 400

In addition to the measurements mentioned above, the following unobstructed cross sections must be planned between a part of the cabinet and the AL 400 to allow for proper intake and exhaust air circulation for the induction cooktop.

### A In front of the air duct

$1\frac{3}{16}$ " distance between the back side of drawers, an oven or the cabinet's interior wall.

### B Adjacent to the air duct

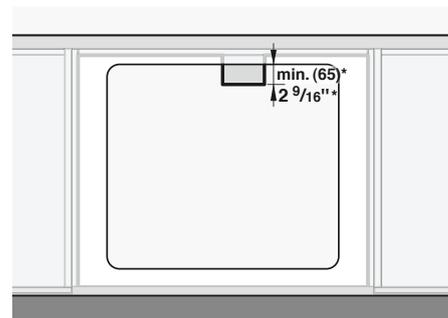
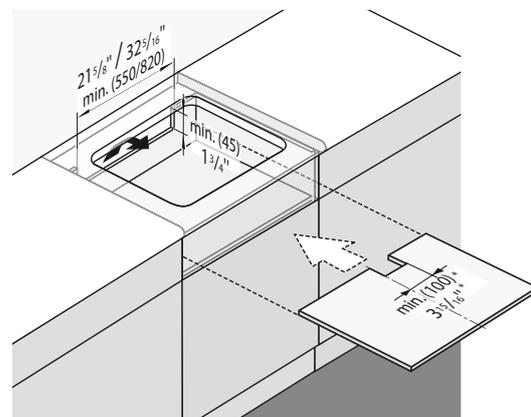
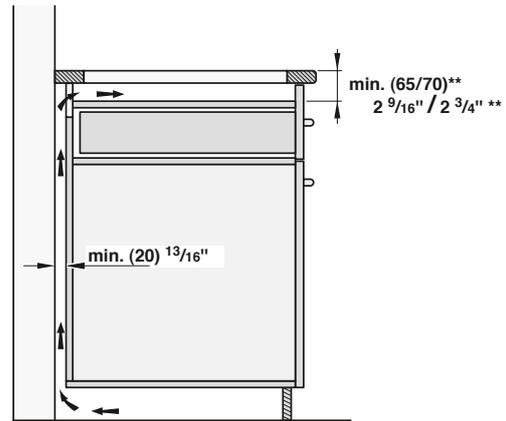
The resulting gap between the air duct and the cabinet's side wall needs to remain open.

### C At the housing's rear edge

The resulting cross section between the housing and the wall, as well as between the housing and the bottom, must remain open.

## Combination with other appliances

Installation above dishwasher is not permitted.



Numbers indicated inside parenthesis ( ) = mm