

Ventilation Equipment

Odour reduction hood for 6 & 10 GN 2/1 electric lengthwise combi ovens

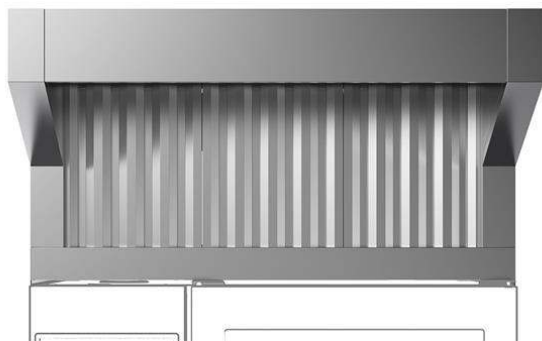
ITEM # _____

MODEL # _____

NAME # _____

SIS # _____

AIA # _____



922719 (HOOT21E)

Odour reduction hood with fan for 6 & 10 GN 2/1 electric ovens

Short Form Specification

Item No. _____

- Constructed in 304 AISI stainless steel
- Steam condensation device
- Equipped with labyrinth filters in 304 AISI stainless steel (positioned on front), condensation filter and extra droplets separator acting as a steam-liquid separator; UV system attacks the fat molecules eliminating unpleasant odours and bacteria; catalyst filter restrain the residual odours and no reacted ozone.
- Built-in fan which automatically controls the air capacity according with the quantity of steam produced
- The frontal ventilation is activated when the door of the oven is opened and thanks to a direct software connected to the oven, the hood automatically activates fan power and odor absorption based on real oven activity
- Suitable for installation on ELECTRIC LW COMBI OVEN 6 & 10 GN 2/1.

Main Features

- Filtering surface protects against fire hazard.
- No need for an external exhaust pipe, thus eliminating carpentry costs.
- Complete ventilation system which eliminates the need for an exhaust duct with external connection.
- UV system attacks the fat molecules eliminating unpleasant odours and bacteria; post-filters restrain the residual odours and no reacted ozone.
- Fan motor with 3 automatic speeds:
 - Low speed when door is closed and valve is closed;
 - Medium speed when door is closed and valve is open;
 - High speed when door is open.
- Frontal labyrinth and condensation filters are easy to remove and cleanable in a dishwasher.
- Possibility to activate air purification system when the oven is in stand by (not cooking) or in cleaning phase.
- The cable connection between the hood and the oven makes possible the communication between them. Connection of the hood to the oven's software automatically activates fan power and odour absorption based on real oven activity.
- The hood and the oven are synchronized: the hood switches On/Off when the oven starts/stops; based on real oven activity the hood automatically activates Hi/Medium/Low fan power for odour absorption.
- Double step door opening (PNC 922265) is suggested to improve filtering performance.
- Can be used with 6 GN 2/1 and 10 GN 2/1 electric LW combi ovens.
- Calculate the air exchange rate for the complete kitchen environment and ensure the compliance with ventilation norms (e.g. VDI 2052 Standard for ventilation of commercial kitchens - or any local reference). An insufficient air exchange rate may cause malfunctioning of the hood.

Construction

- Constructed entirely in 304 AISI stainless steel.
- Automatic door opening activation system.
- Multiple filtration systems:
 - prefiltering of exhaust steam through stainless steel labyrinth filters;
 - condensation filter and extra droplets separator acting as a steam-liquid separator;
 - UV system attacks the fat molecules eliminating unpleasant odours and bacteria;
 - catalyst filter restrain the residual odours and no reacted ozone.

APPROVAL: _____



Electrolux
PROFESSIONAL

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- Developed and produced in ISO 9001, ISO 14001 and ISO 50001 certified factory.
- Must be installed in a space where normal aeration, according to regulations, is present.

Sustainability



- System guarantees correct suction as well as high energy saving.



Air capacity:	1200-1500 m3/h
External dimensions, Width:	1098 mm
External dimensions, Depth:	1266 mm
External dimensions, Height:	472 mm
Net weight:	114 kg

Technical drawing of a rectangular plate with a central hatched area. The drawing shows a rectangular plate with a central hatched area. Dimensions are given in inches and millimeters. The total width is 43 1/4 inches (1098 mm). The total height is 17 11/16 inches (450 mm). The central hatched area has a width of 43 3/4 inches (120 mm) and a height of 13 inches (330 mm).

Technical drawing of a door frame assembly showing dimensions in inches and millimeters.

Dimensions (Inches / Millimeters):

- Top horizontal distance: $4 \frac{3}{4}''$ / 121 mm
- Vertical distance from top to door top: $17 \frac{11}{16}''$ / 450 mm
- Vertical distance from door top to door bottom: $2 \frac{9}{16}''$ / 65 mm
- Vertical distance from door bottom to door top: $14 \frac{7}{16}''$ / 367 mm
- Vertical distance from door bottom to door top: $1 \frac{9}{16}''$ / 39 mm
- Horizontal distance from left wall to door left edge: $5 \frac{7}{8}''$ / 150 mm
- Horizontal distance from door left edge to door right edge: $35 \frac{11}{16}''$ / 906 mm
- Horizontal distance from door right edge to right wall: $14 \frac{3}{16}''$ / 360 mm

Labels: D (Door Frame), ES (Door).

Figure 1 is a schematic diagram of a test specimen. The specimen is a large rectangle with a smaller square labeled 'AO' inside. The dimensions are as follows:

- Top edge:
 - From left edge to center of 'ES': 1" (25 mm)
 - From center of 'ES' to center of 'D': 20 5/8" (524 mm)
 - From center of 'D' to center of 'EI': 20 5/8" (524 mm)
 - From center of 'EI' to right edge: 1" (25 mm)
- Left edge:
 - From top edge to center of 'ES': 1 15/16" (50 mm)
- Right edge:
 - From top edge to center of 'EI': 4 3/4" (121 mm)
- Bottom edge:
 - From left edge to center of 'ES': 12 3/8" (315 mm)
 - From center of 'ES' to center of 'D': 28 3/4" (731 mm)
 - From center of 'D' to center of 'EI': 11 13/16" (300 mm)
 - From center of 'EI' to right edge: 5 11/16" (145 mm)
- Internal dimensions:
 - From top edge to center of 'AO': 11 13/16" (300 mm)
 - From center of 'AO' to bottom edge: 5 9/16" (141 mm)
- Total dimensions:
 - Width: 49 13/16" (1266 mm)
 - Height: 1266 mm

A dashed rectangle is shown near the top left, with its bottom-left corner at the center of 'ES' and its top-right corner at the center of 'D'.



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