turbofan®

VHSERIES
VENTLESS HOODS
VH31

Technical data sheet for

Halton VH31 VENTLESS CONDENSING HOOD

Ventless Condensing Hoods for TURBOFAN E31D Convection Ovens



VH31

Unit shall be a Halton Ventless Condensing Hood, UL listed and UL EPH classified. The unit shall have all stainless steel construction, include 3 stage filtration and incorporate a condensing heat exchanger. Unit will feature an automatic 2 speed extraction fan with interlocked oven operation, Unit shall be 220-240V and fitted with a 10A plug cordset. Unit shall be provided with VHIK31 Installation Kit for connection and fitment to Moffat Turbofan Convection Oven model E31D4.

VHIK31 Installation Kit

Installation Kit shall be provided with VH31 Ventless Condensing Hood. Installation kit shall include:
Wire Harness for Oven Interlock connection to Oven Controls.
Four 100mm oven feet and condensate collection pan and housing for self-contained condensate collection.
Oven Rear shroud for protection of Interlock control harness and condensate drain tube.
Oven to stand rear securing plate when oven is fitted on a Moffat Turbofan SK2731N Stand.

STANDARD FEATURES

- Removes need for installation Canopy or Ducted Oven Hood
- Complies with EPA202 Test Method for less than <5mg/m3 grease laden effluent limits when fitted to Turbofan Convection Oven model E31D4
- UL197, NSF2/ANSI 2 certified
- 3 STAGE FILTERS
  Grease baffle filter - removable for cleaning
  Mesh particle filter - removable for cleaning
  Charcoal odour filter - replaceable
- CONDENSING HEAT EXCHANGER
  Oven vent condensing
  Reduces heat emissions
- SELF CONTAINED CONDENSATE COLLECTION
  Condensate drains to collection pan below oven (No connection to waste drain required)
- REMOTE CONDENSATE DRAIN OPTION
  Condensate drain tube can be taken to a permanent waste drain (no manual emptying of condensate collection required)
- OVEN INTERLOCKED OPERATION
  Oven will not operate if Hood not turned on.
  Oven control alarm notification if Hood not operating.
  Illuminated power switch on Hood.
- AUTOMATIC 2 SPEED EXTRACTION FAN
  Low fan speed during idle or cooking/baking process – reduced noise/energy.
  Automatic high fan speed 10 seconds before end of cook/bake timer or program.
  Automatic high speed fan extraction when oven door open.
- 220-240V plug in 10A cordset fitted

VHIK31 INSTALLATION KIT

- Supplied Standard with VH31 Hoods
  Requires mechanical and electrical field assembly and connection of VH31 Hood to E31D4 Oven

ACCESSORIES – OPTIONAL

- # H11715 Replacement Charcoal Filter

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Halton VH31 Ventless Condensing Hood

CONSTRUCTION
304 Stainless steel
Welded casing
Service panels top and rear

CONTROLS
Illuminated Power switch.
Oven interlocked control

CLEANING
All Stainless steel finish
Removable Grease baffle filter
Removable Mesh filter
Replaceable Charcoal Filter

SPECIFICATIONS
Electrical Requirements
220-240V, 50-60hz, 1P+N+E, 1.0A
10A plug 1.8M cordset fitted

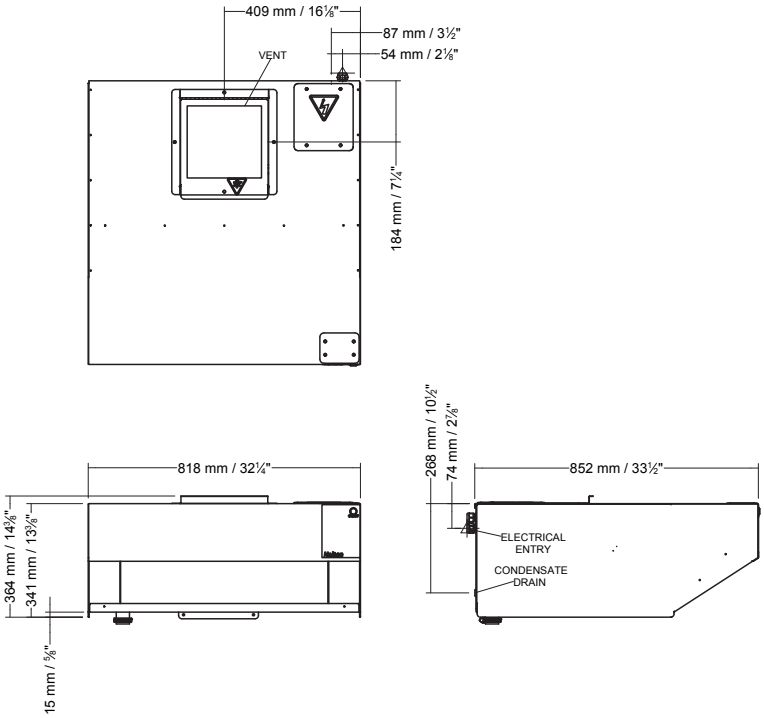
Water Requirements
No water connection required

Drain Requirements – Optional.
Hood water condensate can be taken to a water waste drain if desired.
A 1.8M long 3/8"OD drain hose is supplied with hood.

External Dimensions
Width: 818mm
Height: 364mm
Depth: 852mm
Allow 76mm additional rear clearance

Nett Weight:
46.0 kg

Packing Data
68 kg
0.46 m3
Width: 875mm
Height: 545mm
Depth: 965mm



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24:7 Service Support

Halton

VH Series Ventless Condensing Hoods are manufactured by Halton Company, USA, exclusively for Moffat Turbofan Convection Ovens.

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In line with policy to continually develop and improve its products, Moffat Limited reserves the right to change specifications and design without notice.

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