

Technical data sheet for

E31D4 OVEN / VH31 VENTLESS HOOD ON THE SK2731N STAND

GN 1/1 Digital / Electric Convection Oven with
Halton Ventless Condensing Hood on a Stainless Steel Stand



E31D4

Unit shall be a Blue Seal electrically heated Turbofan Convection Oven. The oven shall have a one piece vitreous enamel oven chamber, stainless top and sides and safe touch vented easy clean side hinged door that offers field reversible hinging. Oven shall have capacity for four GN 1/1 pans and include a top grilling oven element and grill operating mode. The oven shall be controlled by an electronic control having separate digital displays and adjusting knobs for time and temperature functions. The oven control shall allow both manual and programmed operating modes and have separate control keys for selection of Grill mode, oven light function and timer operation. The unit shall include a halogen oven lamp. Oven shall be able to be bench mounted on 76mm feet or mounted on oven stand model SK2731N. Oven shall be fitted with a 13A cordset. Unit shall be supplied in 100% recyclable shipping packaging.

SK2731N

Unit shall be a Blue Seal Turbofan stainless steel oven stand. The stand shall be constructed from stainless steel tube with castors, with front castors having dual swivel and wheel locks. It shall be fitted with 6 tray runners suitable for 600 x 400 trays and GN 1/1 pans. The stand shall be fully compatible with and support Turbofan Convection Oven models E27M2, E27M3, E28M4, and E31D4. Unit shall be supplied in 100% recyclable shipping packaging.

STANDARD FEATURES

- 4 Gastronorm GN 1/1 pan capacity
- 80mm tray spacing
- Compact 616mm depth x 810mm width
- Digital display Time and Temperature Controls
- USB port for programs
- Programmable for up to 30 programs
- Grill mode
- Single direction low-velocity fan
- 2.8kW heating in bake mode / 2kW grill elements
- Safe-Touch vented side hinged door
- Stay-Cool door handle
- Vitreous enameled oven chamber

STANDARD FEATURES – VENTLESS CONDENSATION HOOD

- Removes need for installation under canopy or ducted oven hood
- Complies with EPA202 test method for less than <5mg/m³ grease laden effluent limits
- 3 stage filtering including charcoal odour filter
- Condensing heat exchanger for oven vent condensing and reduced heat emissions
- Self contained condensate collection – no connection to waste drain required
- Oven Hood interlock control
- Automatic 2 speed extraction fans - reduced noise/energy

VH31 INSTALLATION KIT

- Supplied standard with Hood
- Requires mechanical and electrical field assembly for connection of Hood to Oven

ACCESSORIES

- Turbofan SK2731N Oven Stand
- #H11715 Replacement Charcoal Filter for VH31

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 13A plug cordset. Unit shall be provided with VH31 Installation Kit for connection and fitment to Blue Seal Turbofan Convection Oven model E31D4.

VH31 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 Blue Seal Turbofan SK2731N Stand.

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

E31D4 GN 1/1 Digital / Electric Convection Oven

CONTROLS

Electronic controls with Digital Time and Temperature display, Manual or Program modes
Grill mode quick select key
Thermostat range 50-260°C
Timer range from 180 minutes in countdown mode
Timer range up to 999 minutes in time count mode for holding, slow cooking
Over-temperature safety cut-out

SPECIFICATIONS

Electrical Requirements
Electrical Requirements
230-240V, 50Hz, 1P+N+E, 3.1kW, 12.9A
13A cordset fitted

External Dimensions (E31D4)

Width 810mm
Height 625mm including 76mm feet
Depth 616mm

Oven Internal Dimensions

Width 565mm
Height 425mm
Depth 395mm
Volume 0.09m³

Oven Rack Dimensions

Width 540mm
Depth 370mm

Nett Weight (E31D4)

53.8kg

Packing Data (E31D4)

68.2kg
0.45m³
Width 740mm
Height 720mm
Depth 835mm

VH31 Ventless Condensing Hood

Including VHIK31 Installation Kit

CONTROLS

Illuminated Power switch
Oven interlocked control

SPECIFICATIONS

Electrical Requirements
220-240V, 50-60hz, 1P+N+E, 1.0A
13A 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. 1800mm long 3/8"OD drain hose is supplied with hood.

External Dimensions (VH31 Ventless Hood)

Width 818mm
Height 364mm
Depth 852mm

Allow 76mm rear clearance

Nett Weight (VH31 Ventless Hood)

46.0 kg

Packing Data (VH31 Ventless Hood)

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

SK2731N Stainless Steel Stand

All stainless steel welded frame oven stand for Turbofan

E27, E28 and E31 Series model ovens

6 position tray runners standard

76mm diameter wheel swivel castors standard with 2 front

castors with dual swivel and wheel

Supplied CKD for assembly on site

External Dimensions (SK2731N Oven Stand)

Width 810mm
Height 880mm
Depth 650mm

Nett Weight (SK2731N Oven Stand)

19.5kg

Packing Data (SK2731N Oven Stand)

22kg
0.11m³
Width 830mm
Height 805mm
Depth 160mm

INSTALLATION CLEARANCES

Rear 50mm
LH Side 50mm
RH Side 75mm

For fixed installations a minimum of 500mm is required for service

CLEARANCE FROM SOURCES OF HEAT

A minimum distance of 300mm from the appliance sides is required



blue-seal.co.uk
turbofanoven.com

United Kingdom Blue Seal Limited

Unit 67
Gravelly Business Park
Gravelly
Birmingham B24 8TQ
England
Telephone 0121-327 5575
Facsimile 0121-327 9711
sales@blue-seal.co.uk
www.blue-seal.co.uk

Australia Moffat Pty Limited

740 Springvale Road
Mulgrave, Victoria 3170
Australia
Telephone 03-9518 3888
Facsimile 03-9518 3833
vsales@moffat.com.au
www.moffat.com.au

New Zealand Moffat Limited

Christchurch
45 Illinois Drive
Izone Business Hub
Rolleston 7675
Telephone +64 3-983 6600
Facsimile +64 3-983 6660
sales@moffat.co.nz
www.moffat.co.nz



Designed and manufactured by



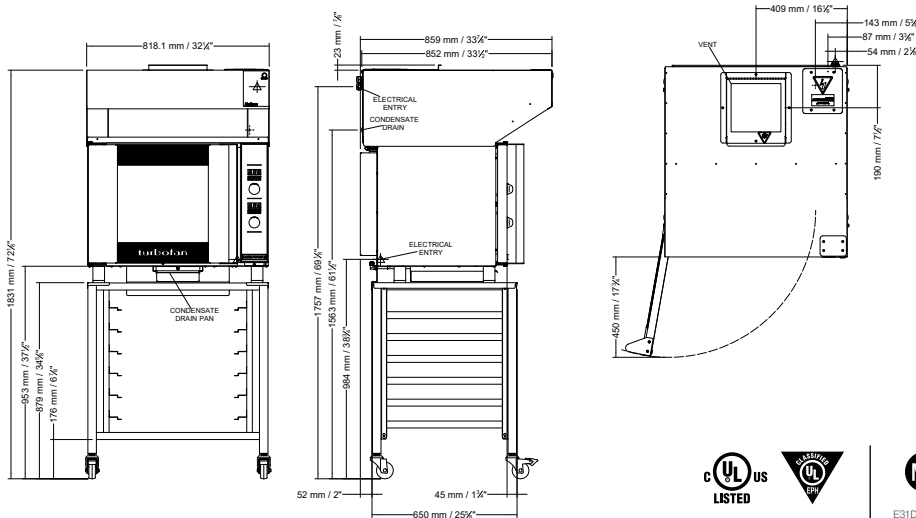
ISO9001

All Turbofan products are designed and manufactured by Moffat using the internationally recognised ISO9001 quality management system, covering design, manufacture and final inspection, ensuring consistent high quality at all times.

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



© Copyright Moffat Ltd
UK.TFN.S.2301



HALTON VH31 VENTLESS HOOD



E31D4 OVEN
SK2731N STAND

an Ali Group Company



The Spirit of Excellence