

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 Moffat 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 15A cordset. Unit shall be supplied in 100% recyclable shipping packaging.

### SK2731N

Unit shall be a Moffat 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/m<sup>3</sup> 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 10A plug cordset. Unit shall be provided with VH31 Installation Kit for connection and fitment to Moffat 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 Moffat Turbofan SK2731N Stand.

**Halton** VH Series Ventless Condensing Hoods are manufactured by Halton Company, USA, exclusively for Moffat 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  
230-240V, 50Hz, 1P+N+E, 3.1kW, 12.9A  
15A cordset fitted

#### External Dimensions (E31D4)

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

#### Oven Internal Dimensions

Width 565mm  
Height 425mm  
Depth 395mm  
Volume 0.09m<sup>3</sup>

#### Oven Rack Dimensions

Width 540mm  
Depth 370mm

#### Nett Weight (E31D4)

53.8kg

#### Packing Data (E31D4)

68.2kg  
0.45m<sup>3</sup>  
Width 740mm  
Height 720mm  
Depth 835mm

#### 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 m<sup>3</sup>  
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  
0.11m<sup>3</sup>  
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

### VH31 Ventless Condensing Hood

#### Including VHK31 Installation Kit

#### CONTROLS

Illuminated Power switch  
Oven interlocked control

#### SPECIFICATIONS

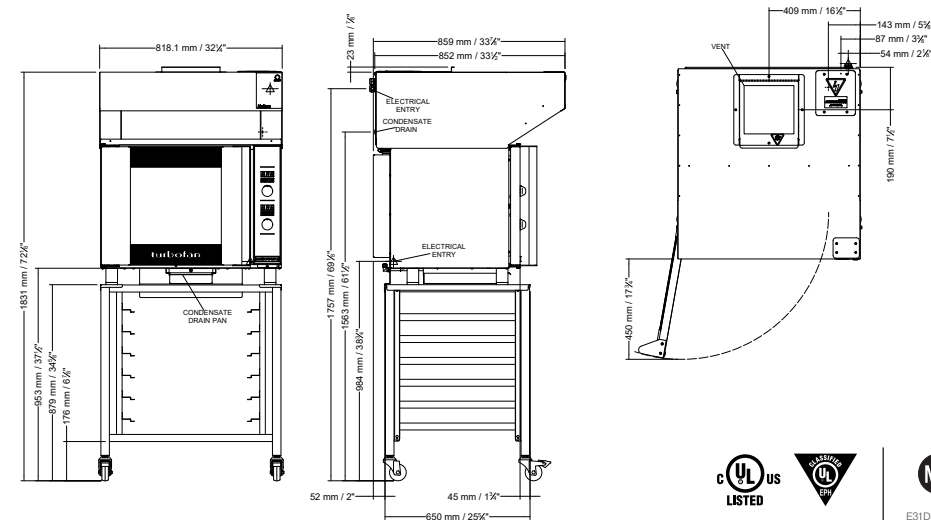
Electrical Requirements  
220-240V, 50-60hz, 1P+N+E, 1.0A  
10A plug 1.8M cordset fitted

#### Water Requirements

No water connection required

#### Drain Requirements – Optional

Hood water condensate can be taken to a water waste drain if desired. 1800mm long 3/8"OD drain hose is supplied with hood.



#### Australia

[www.moffat.com.au](http://www.moffat.com.au)

#### New Zealand

[www.moffat.co.nz](http://www.moffat.co.nz)

[www.turbofanoven.com](http://www.turbofanoven.com)

#### Australia

#### Moffat Pty Limited

Victoria/Tasmania  
740 Springvale Road  
Mulgrave, Victoria 3170  
Telephone +61 3-9518 3888  
Facsimile +61 3-9518 3833  
vsales@moffat.com.au

#### New South Wales

Telephone +61 2-8833 4111  
nswsales@moffat.com.au

#### South Australia

Telephone +61 3-9518 3888  
vsales@moffat.com.au

#### Queensland

Telephone +61 7-3630 8600  
qldsales@moffat.com.au

#### Western Australia

Telephone +61 8-9413 2400  
wasales@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

#### Auckland

Telephone +64 9-574 3150  
sales@moffat.co.nz



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Quality  
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#### 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.

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HALTON VH31 VENTLESS HOOD



E31D4 OVEN  
SK2731N STAND

an Ali Group Company



The Spirit of Excellence