

Technical data sheet for

## E33D5 OVEN / VH33 VENTLESS HOOD ON THE SK33-VH STAND

Half Size Digital / Electric Convection Oven with

**Halton** Ventless Condensing Hood on a Stainless Steel Stand



E33D5 OVEN



#### STANDARD FEATURES - OVEN

- 5 1/1 GN Gastronorm tray capacity
- 85mm tray spacing
- Compact 610mm width
- Digital display time and temperature controls
- USB port for programs
- 30 programs with 3 stage cooking and stage end alarms
- Core Probe program cooking (optional Core Probe Kit)
- Moisture injection mode (5 levels) and manual injection
- 2 speed bi-directional reversing fan system
- 5.8kW heating power
- Safe-Touch vented side hinged door
- Vitreous enamel 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 <math>5\text{mg}/\text{m}^3</math> 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
- SEED certified for installation without an extraction canopy in most situations

#### VH33 INSTALLATION KIT

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

#### ACCESSORIES

- Optional M236060 Core Temperature Probe Kit
- Turbofan SK33-VH Oven Stand
- #H11715 Replacement Charcoal Filter for VH33



#### E33D5

Unit shall be a Moffat electrically heated Turbofan Convection Oven. The oven shall have a one piece vitreous enamel oven chamber, stainless exterior top and sides. The oven shall have a vented safe touch side hinged door with slam shut latching and pendulum operation door handle. Oven shall have capacity for 5 half size sheet pans or 5 1/1 GN pans. 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 (20 programs) operating modes with programmable moisture injection, 2 speed oven fan, and 3 stage cooking. A core temperature probe M236060 is optional. The oven shall include dual halogen oven lamps. The oven shall be able to be bench mounted on 76mm feet or mounted on oven stand model SK33-VH. Unit shall be supplied in 100% recyclable shipping packaging. This unit shall be Energy Star certified.

#### SK33-VH

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 5 tray runners suitable for up to 5 1/1 GN pans. The stand shall be fully compatible with and support Turbofan Convection Oven models E33D5 and E33T5. Unit shall be supplied in 100% recyclable shipping packaging.

#### VH33

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 VH33 Installation Kit for connection and fitment to Moffat Turbofan Convection Oven models E33D5, E33T5.

#### VH33 Installation Kit

Installation Kit shall be provided with VH33 Ventless Condensing Hood. Installation kit shall include: Wire harness for oven interlock connection to oven controls. Four 4" (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 SK33-VH Stand.

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



#### E33D5 Half Size Digital / Electric Convection Oven

##### CONTROLS

Electronic controls with Digital Time and Temperature display, Manual or Program modes  
Moisture Injection key (5 moisture levels)  
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  
Optional Core Probe temperature range 50-90°C

##### SPECIFICATIONS

###### Electrical Requirements

230-240V, 50Hz, 1P+N+E, 6.0kW, 25A  
No cordset supplied

###### Water Requirements(optional)

Cold water connection 3/4" BSP male  
80psi maximum inlet pressure / 20psi minimum inlet pressure

###### Oven Rack Dimensions

Width 330mm  
Depth 530mm

###### External Dimensions (E33D5)

Width 610mm  
Height 1720mm  
Depth 730mm

###### Nett Weight (E33D5)

71.5kg

###### Packing Data (E33D5)

205lbs / 93kg  
Width 655mm  
Height 805mm  
Depth 830mm  
Volume 0.44m<sup>3</sup>

#### VH33 Ventless Condensing Hood

Including VHIK33 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. A 1800mm long 3/8"OD drain hose is supplied with hood.

##### External Dimensions (VH33 Ventless Hood)

Width: 618mm  
Height: 367mm  
Depth: 889mm  
Allow 76mm rear clearance

##### Nett Weight (VH33 Ventless Hood)

39.0 kg

##### Packing Data (VH33 Ventless Hood)

50 kg  
0.37 m<sup>3</sup>  
Width: 676mm  
Height: 545mm  
Depth: 1005mm

#### SK33-VH Stainless Steel Stand

All stainless steel welded frame oven stand for Turbofan E33D and E33T Series ovens  
5 position tray runners standard  
76mm diameter swivel castors standard with 2 front castors wheel and swivel lock  
Supplied CKD for assembly on site

##### External Dimensions (SK33-VH Oven Stand)

Width 671mm  
Height 880mm  
Depth 727mm

##### Nett Weight (SK33-VH Oven Stand)

18kg

##### Packing Data (SK33-VH Oven Stand)

20.5kg  
0.12m<sup>3</sup>  
Width 55mm  
Height 795mm  
Depth 190mm

##### 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



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Designed and manufactured by  
**MOFFAT**

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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