turbofan®

30DSERIES

TECHNICAL DATA SHEET FOR

E31D4 VENTLESS HOOD

Half Size Digital / Electric Convection Oven with Ventless Hood on a Stainless Steel Stand

OVEN FEATURES

- 4 half size sheet pan or hotel pan capacity
- 3-1/8"/ 80mm tray spacing
- Compact 24-1/4" / 616mm depth x 31-7/8" / 810mm width
- 15A plug-in (NEMA 6-15P cordset fitted)
- Digital display Time and Temperature Controls
- Large easy view 3/4" / 20mm high displays
- Electronic thermostat control
- Electronic timer with countdown or time count modes
- Programmable for up to 20 programs
- Broil mode
- Single direction low-velocity fan
- 2.9kW heating in bake mode at 208V / 2.0kW grill-broil elements
- Safe-Touch vented side hinged door (standard LH hinge). Optional RH hinge (field convertible)
- Stay-Cool door handle
- Porcelain enameled oven chamber
- Plug-in continuous oven door seal
- Halogen oven lamp
- Anti-skid 2" / 50mm dia. 3" / 76mm high adjustable stainless steel feet
- 4 oven wire racks supplied
- 100% recyclable packaging

VENTLESS HOOD MODEL OVH-31D

- Eliminates the need for expensive ducted hoods
- Attaches directly to the top of oven
- Three-stage air filtration system

ACCESSORIES

- Turbofan SK2731U Oven Stand

E31D4 Unit shall be Moffat electrically heated Turbofan convection ovens E.T.L. listed and NSF-4 listed. The oven shall have a one piece porcelain enameled oven chamber, stainless top and sides and safe touch vented easy clean side hinged door that offers field reversible hinging. Ovens shall have capacity for four half size sheet pans and include a top broiling oven element and broil 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 controls shall allow both manual and programmed operating modes and have separate control keys for selection of Broil mode, oven light function and timer operation. The unit shall include a halogen oven lamp. Oven shall be fitted with a NEMA 6-15P cordset. Units shall be supplied in 100% recyclable shipping packaging.

OVH-31D Unit shall be a Giles Ventless Hood system and will attach directly to top of unit. Unit will contain three stage air filtration system.

SK2731U Unit shall be a Moffat Turbofan stainless steel oven stand NSF-4 listed. 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 up to 12 half size sheet pans or 6 full size sheet 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.

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CONVECTION OVEN SYSTEMS

30DSERIES

E31D4

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E31D4 Half Size Digital / Electric Convection Oven with Ventless hood on a Stainless Steel Stand

CONSTRUCTION
Porcelain enameled fully welded oven chamber
Stainless steel front, sides and top exterior
Stainless steel oven fan baffle and oven vent
Removable 4 position chrome plated wire side racks
Oven grids chrome plated wire (4 supplied)
Stainless steel frame side hinged door
0.2" / 5mm thick door outer glass
0.2" / 5mm thick low energy loss door inner glass
Full stainless steel welded door handle
Stainless steel control panel
Aluminized coated steel base and rear panels

CONTROLS
Electronic controls with Digital Time and Temperature display, Manual or Program modes
Large 3/4" / 20mm high LED displays
Two individual time and temperature setting control knobs
6 function keys
ON/OFF key
Oven Lamp key (toggle or auto-time off mode settings)
Timer Start/Stop key
Broil/Grill mode quick select key
Programs select key
Actual temperature display key
Adjustable buzzer/alarm volume
Thermostat range 150-500°F / 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

CLEANING
Stainless steel top and sides continuous exterior panel
Porcelain enameled oven chamber
Fully removable chrome plated oven side racks
Removable porcelain enameled oven fan baffle
Easy clean door system with hinge out door inner glass (no tools required)
Removable plug-in oven door seal (no tools required)
3" / 76mm high stainless steel feet for easy access underside

SPECIFICATIONS
Electrical Requirements
208V, 60Hz, 1-phase, 2.9kW, 13.9A
220-240V, 60Hz, 1-phase, 3.1W, 12.9A
NEMA 6-15P cordset fitted

External Dimensions
Width 31-7/8" / 810mm
Height 24-5/8" / 625mm including 3" / 76mm feet
Depth 24-1/4" / 616mm

Oven Internal Dimensions
Width 22-1/4"/ 565mm
Height 16-3/4" / 425mm
Depth 15-1/2" / 395mm
Volume 3.2ft³ / 0.09m3

Oven Rack Dimensions
Width 21-1/4" / 540mm
Depth 14-1/2" / 370mm

Net Weight (E31D4)
119lbs / 53.8kg

Packing Data (E31D4)
150lbs / 68.2kg
15.9 ft³ / 0.45m3
Width 29-1/8" / 740mm
Height 28-3/8" / 720mm
Depth 32-7/8" / 835mm

Net Weight (OVH-31D)
163lbs / 93.9kg

Packing Data (OVH-31D)
183lbs / 83kg

SK2731U Stainless Steel Stand

All stainless steel welded frame oven stand for Turbofan E27, E28 and E31 Series model ovens
6 position tray runners standard
3" / 76mm diameter wheel swivel castors standard with 2 front castors with dual swivel and wheel
Welded 1-1/2" and 1-1/4" square tube front and rear frames
Welded rack supports/side frames
4 dia. 3" / 76mm swivel castors with 2 front castors dual wheel and swivel lock
Top frame oven supports suit Turbofan E27, E28 and E31 Series oven mounting
Supplied CKD for assembly on site

External Dimensions (SK2731U Oven Stand)
Width 31-7/8" / 810mm
Height 34-5/8" / 880mm
Depth 25-5/8" / 650mm

Net Weight (SK2731U Oven Stand)
43lbs / 19.5kg

Packing Data (SK2731U Oven Stand)
49lbs / 22kg
3.9ft³ / 0.11m3
Width 32-5/8" / 830mm
Height 35-1/2" / 900mm
Depth 6" / 152mm

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ISO9001
Quality Management Standard

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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LICENSED ARCHITECT PHILIPPE KAPLAN No.2567 STATE OF MAINE

CITY OF PORTLAND MAINE RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 12/15/16

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Blyth & Burrows
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PHASE:	FOR PERMIT / CONSTRUCTION
SCALE:	N/A
DATE:	12/09/2016
REVISED:	

RECIRCULATING HOOD SPECS
A-1.3