

Technical data sheet for

EC40T10 ON THE SK40-10A STAND

Full Size 10 Tray Touch Electric Combi Oven on a Stainless Steel Stand



EC40T10

Unit shall be a Moffat electrically heated Turbofan direct steam injection combination convection steam oven. The oven shall have a stainless steel oven chamber with 10 x 1/1 GN capacity, 14.5 kW power rating and a 2 speed auto-reversing direction fan. Oven door shall be vented, safe to touch and feature LED oven chamber lighting. Automatic one touch display that can be configured based on the needs of the user that provide convection, steam, and combi cooking mode selection. Oven shall be able to be bench mounted on 100mm feet or mounted on Turbofan oven stand model SK40A. Unit shall be supplied in 100% recyclable shipping packaging.

SK40-10A

Unit shall be a Moffat Turbofan stainless steel oven stand. The stand shall be constructed from stainless steel tube with 4 adjustable feet. It shall be fitted with 6 tray runners suitable for 1/1 GN pans and 600 x 400 trays. The stand shall be fully compatible with, and support, Turbofan Combi Oven EC4010 models. Unit shall be supplied in 100% recyclable shipping packaging.

STANDARD FEATURES

- Electric direct steam version
- 10 x 1/1 GN tray capacity
- 10 x 600mm x 400mm tray capacity
- 70mm tray spacing
- Compact 777mm wide
- 14.5kW heating power
- 2 speed fan
- Manual cooking with three cooking modes – Convection (30°C-260°C), Steam (30°C-130°C), Combi (30°C-260°C)
- Autoclimate® system that automatically manages the perfect climate in the cooking chamber
- MULTILEVEL PLUS - multi-level function on each shelf means doubling production capacity (patented)
- High-definition 7-inch capacitive LCD colour touch screen function – configurable based on user preferences
- Programmable modes: create and save a recipe with its cooking methods in an automatic sequence (up to 15 cycles) giving each programme its own name, picture and information
- Intelligent recognition of recipes in multilevel folders
- ICS (Interactive Cooking System), an automatic cooking system for preset recipes including their history, ingredients, cooking accessory, procedure, automatic cooking programme and picture
- Automatic one touch cooking (ICS)
- Auto reverse (automatic inversion of the direction of the fan) for perfectly uniform cooking
- ECOVAPOR – automatic control of the steam saturation in the cooking chamber
- ECOSPEED – oven optimises and controls the delivery of energy to maintain correct cooking temperature
- Core temperature probe ready
- Automatic cleaning system LCS (Liquid Clean System) with built-in tank and automatic dispensing
- USB connection to download HACCP data, software update and cooking programme management
- Wi-Fi connectivity
- Low consumption LED cooking chamber lighting
- Self-diagnostic with smart error viewing
- Door with rear ventilation, double tempered glass front with air chamber and interior heat-reflecting glass
- Internal glass that folds for easy cleaning
- Cooking chamber in 1mm thick AISI 304 stainless steel with fully rounded edges for best airflow and easy cleaning
- Triple action water filter cartridge and filter head included

ACCESSORIES

- Turbofan SK40-10A oven stand
- Externally fitted hand shower
- Extraction hood

EC40T10 Full Size 10 Tray Touch / Electric Combi Oven

Dimensions	
Width	777mm
Depth	744mm
Height	1097mm
Weight	104kg

Packed Dimensions	
Width	910mm
Depth	865mm
Height	1265mm
Weight	117kg
Volume	0.63 m ³

Shelves	
1/1 GN	10
Shelf Spacings	70mm

Power connection requirements
Multi pole circuit breaker and all pole disconnection isolator switch installed near the appliance.

Electrical requirements
400-415V, 50Hz, 3P+N+E, 14.5kW @ 400V, 22A

Water connection requirements
Water Supply
2 x R3/4 connections
Cold Water (Softened water optional)
Flow pressure 200-500 kPa
Shut off valve with back flow prevention

Water Quality
Drinking water
(install water treatment system if necessary)
Treated tap water for water injection, untreated tap water for cleaning, recoil hand shower

Total hardness
Injection (soft water) 4-7 °dh / 70-125ppm / 7-13 °TH / 5-9 °e
Cleaning, recoil hand shower (hard water) 4-20 °dh / 70-360 ppm / 7-35 °TH / 5-25 °e

Properties	
pH	6.5 - 8.5
Cl- (chloride)	max. 60 mg/l
Cl ₂ (free chlorine)	max. 0.2 mg/l
SO ₄ ²⁻ (sulphate)	max. 150 mg/l
Fe (iron)	max. 0.1 mg/l
Temperature	max. 40°C
Electrical conductivity	min. 20 µS/cm

Drain
- Funnel waste trap/turndish required
- 40 mm outlet
- Minimum fall/slope for waste 4°
- Drain must be outside oven perimeter

SK40-10A Stainless Steel Stand

All stainless steel welded frame oven stand for Turbofan EC40 10 tray Series Combi ovens
6 position tray runners
4 height adjustable feet
Supplied CKD for assembly on site

External Dimensions (SK40-10A Oven Stand)	
Width	810mm
Height	697mm
Depth	650mm
Weight	19kg

Packing Data (SK40-10A Oven Stand)	
22kg	
0.11m ³	
Width	830mm
Height	880mm
Depth	160mm

INSTALLATION CLEARANCES

Installation requirements (for precise installation instructions, please refer to the unit's installation manual).

- rear	50mm
- right	50mm*
- left	50mm*

*For recessed installations a minimum of 500mm clearance must be maintained on one of the sides.

If heat sources are located near the Turbofan Combi, ensure that a minimum distance of 400mm is maintained.

Install in accordance with local body regulations only on horizontal surfaces and not against combustible walls.



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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.

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