

# TECHNICAL SPECIFICATIONS

## TURBOFAN 150 (Electric)

### Specification Information

<b>Model No.:</b>	SEL150CX
<b>Power:</b>	3P + N + E, 400 - 415V, 50 Hz 50.5kW (48kW heating 2.5kW motors)
<b>Connections:</b>	½" BSP water supply connection and ½" copper drain located at rear of oven
<b>Dimensions:</b>	Width: 1650mm Depth: 1720mm (includes canopy) Height: 2700mm (includes canopy)
<b>Weight:</b>	850kg

### Installation Information

Client to provide the following connections:

Oven requires direct wiring from switchboard. Note: element wattage may vary by 5%  
Water connection ½" BSP  
Drainage connection ½" copper drain pipe

**Note:** Oven supply does not include canopies and flues as required by relevant authorities. Bends or offsets in the flue restrict gas velocity and must be allowed for when designing the flue height and diameter which will be dependent on the building and local conditions.  
A flue connection is required and is not included in the contract.  
Exhaust flue - 200mm in dia (canopy models), 100mm dia (non canopy models)

**Clearance:** 50mm clearance is required at back and sides of unit  
Minimum 2900mm ceiling height

**Floor:** A concrete or tile surface is preferred.  
The floor area is to be flat to within 3mm over whole floor area.

**Access:** Oven is supplied partially assembled to be fully erected on site.  
Largest piece if partially assembled 2130mm H x 1650mm W x 1220mm D  
Largest piece if unassembled 2130mm H x 1650mm W x 660mm D

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

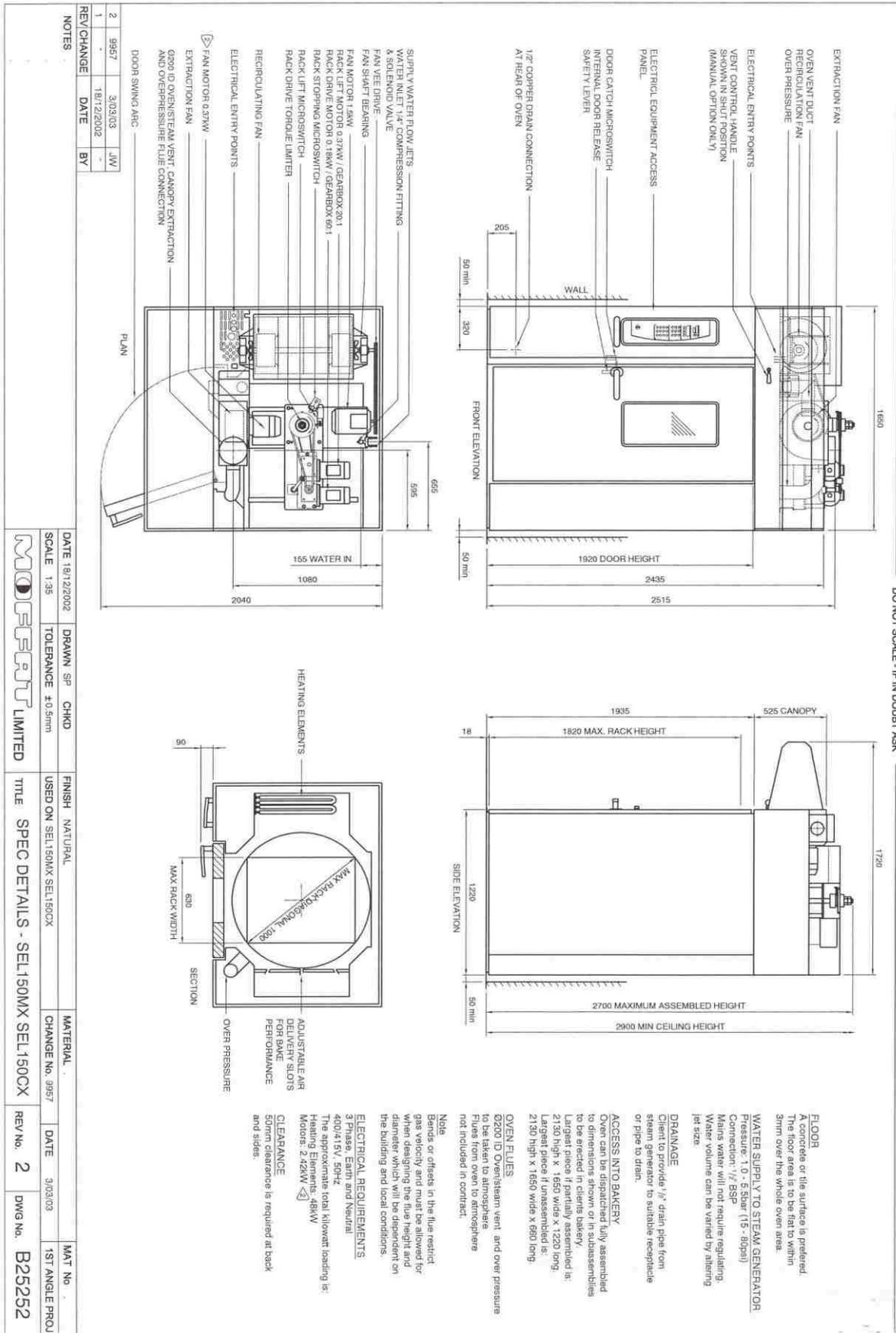
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SEL150CX 0403V1

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DU NO1 SCALE - 1:1 IN DUOBI ASK

**FLOOR**

A concrete or tile surface is preferred. The floor area is to be flat to within 5mm over the whole oven area.

**WATER SUPPLY TO STEAM GENERATOR**

Pressure: 1.0 - 5.5bar (15 - 80psi)  
 Connection: 1/2" BSP  
 Mains water will not require regulating. Water volume can be varied by altering jet size.

**DRAINAGE**

Client to provide 1/2" drain pipe from steam generator to suitable receptacle or pipe to drain.

**ACCESS INTO BAKERY**

Oven can be dispatched fully assembled to dimensions shown or in sub-assemblies to be erected in clients bakery. Largest piece if partially assembled is: 2130 high x 1650 wide x 1220 long. Largest piece if un-assembled is: 2130 high x 1650 wide x 600 long.

**OVEN FLUES**

Ø200 ID Oven/steam vent, and over pressure to be taken to atmosphere. Flues from oven to atmosphere not included in contract.

**Note**

Bands or offsets in the flue restrict gas velocity and must be allowed for when designing the flue height and diameter which will be dependent on the building and local conditions.

**ELECTRICAL REQUIREMENTS:**

3 Phase, Earth and Neutral  
 400/415V, 50Hz  
 The approximate total kilowatt loading is:  
 Heating Elements: 48kW  
 Motors: 2.42kW

**CLEARANCE**

50mm clearance is required at back and sides.

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