

OES 10.10 mini Combi Oven: Technical Data

Electrical Unit with Ten 13" x 18" Shelf Levels

min. 1" ventilation clearance





Dimensions and weights		
Width		
With packaging	[in]	22.83
Without packaging	[in]	20.27
Depth		
With packaging	[in]	35.82
Without packaging	[in]	30.58
Height		
With packaging	[in]	43.82
Without packaging	[in]	35.63
Weight		
With packaging	[lbs]	183
Without packaging	[lbs]	154.5
Safety clearances		
Rear	[in]	2.00
Right-hand side	[in]	2.00
Left-hand side	[in]	2.00
Above (larger gap recommended for servicing)	[in]	20.00

Height with easyTouch controls

Units with easyTouch controls are 0.79" taller than the specified height.

Electrical ratings		
3~ 208/240V 60Hz (3/PE)		
Rated power consumption	[kW]	11.25
Hot air output (RHK rated output)	[kW]	10.2
Motor output	[kW]	0.25
Rated current	[A]	27.1
Supplied with a 4 conductor 6 foot long cord	AWG	8
Conductor insulation rating		SOOW
Plug (customer supplied)	NEMA	15-50P or L15-50P

Heat loss		
Latent	[BTU/h]	1740
Sensible	[BTU/h]	1911

Water connection		
Water supply (cold only)		
Shut-off device		The unit must be installed with an appropriate backflow preventer in order to comply with all applicable federal, state, and local laws and regulations.
Water supply		
Connection		Two 3/4" inner diameter GHT-M (garden hose adapter). The unit is designed for a permanent hookup to the wate supply that uses a connecting hose with a minimum diameter of 1/2"
Flow pressure	[psi]	43.51 - 87.02 (3 - 6 bar)
Water drain		
Version		Naturally ventilated pipe to open pan or drain/channel,

Туре	[in]	1½ (minimum inner diameter)
Water hardness for water injection		
Water quality		Drinking water Soft water
Hardness	[ppm]	70 - 125 (4 - 7 gpg)
TDS (total dissolved solids)	[ppm]	70 - 125
Total alkalinity	[ppm]	50 - 100
Water hardness for cleaning		
Water quality		Drinking water Hard water (or soft water; see above for specification)
Hardness	[ppm]	70 - 360 (4 - 21 gpg)
TDS (total dissolved solids)	[ppm]	70 - 360
Total alkalinity	[ppm]	50 - 100
Figures		
Temperature	[°F]	max. 104
pH value		6.5 - 8.5
Cl ⁻ (chloride)	[ppm]	max. 100
Cl ₂ (free chlorine)	[ppm]	max. 0.2
SO ₄ ²⁻ (sulfate)	[ppm]	max. 150
Fe (iron)	[ppm]	max. 0.1
SiO ₂ (silicate)	[ppm]	max. 13

waximum permissible loading weight			
Standard size bakeware (containers, oven racks, sheet pans)			
Per combi oven	[lbs]	66	
Per shelf	[lbs]	11	

Capacity			
Qty.			
13" x 18" half size sheet pans	[pcs]	10	
12" x 20" by 2 1/2" steam table pans	[pcs]	5	
12" x 20" wire fry baskets	[pcs]	5	
Plates with a diameter of up to Ø 26 cm (rethermalization only)	[pcs]	12	

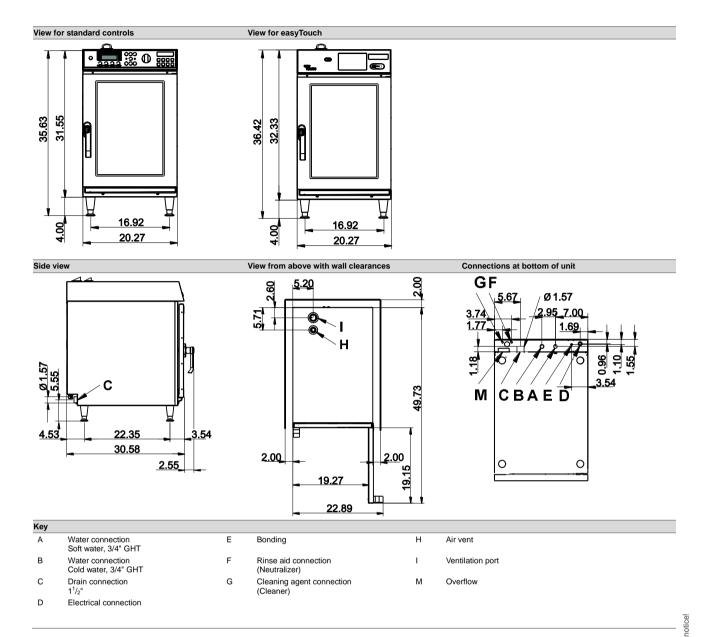
Unit specifications		
Protection rating		IPx4
Conformity/certification marks in accordance with the applicable country-specific regulations		UL
Noise emissions		
Measured	[dBA]	max. 60

Ventilation

The 10.10 mini combi is UL category KNLZ listed for ventless operation.

Allows operators to expand into new non-traditional outlets.

Local codes prevail as stated in NFPA 96-1994 regulations.



This document is meant to be used for planning purposes only. For installation and setup instructions, please refer to the installation manual.





Commercial combination oven with integral systems for limiting the emissions of grease laden air. This product conforms to the ventless operation recommendations set forth by NFPA96 using EPA202 test method

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