



TECHNICAL SPECIFICATIONS
EMEA, APAC, LATAM

Project _____
Item No. _____
Quantity _____
Date _____



Shown: PM 1132ED with optional 7-Day Automatic On/Off Timer

PM 113X Series
PM 1131ED, PM 1132ED, PM 1133ED, PM 1134ED, PM 1135ED

PizzaMaster® Modular Electric Deck Oven

- The world's largest range of electric ovens.
- Trusted in 170+ and counting.
- Unmatched capacity. Unstoppable output.
- Precision baking made effortless.
- Built to last. Backed for life.

International Voltage
and Certifications
– Available upon request



Standard Features

✓ IQControl Panel™	✓ Vent Control Lever for Each Deck	✓ Multi-Functional Oven Stand
✓ TempIQ Recovery™	✓ High-Density Insulation	✓ Ventilation Hood
✓ TempIQ Guard™	✓ Strong Ergonomic Oven Door Handles	✓ Disassemble Design 3/4/5-Deck Ovens Available as an option on 2-deck oven
✓ TurboStart	✓ Durable Long-Life Oven Door	✓ Resettable Overheat Protection
✓ Balanced Heat Distribution™	✓ Pull-Up Oven Door	✓ 1 & 3 Phase El. Power Supply Available
✓ 3 Heat Zones: Top, Bottom, Front	✓ Large Clear Window Glass Oven Door	✓ Flexible Power Supply for 480V Single or multiple incoming supply cables
✓ XTREME Performance™ 932°F	✓ Stainless Steel Front	✓ International Voltages & Certifications Available upon request
✓ Ceramic Clay Stones w/ Crisping Function Rec. for baking temperatures up to 700°F	✓ Ventilated Front	✓ Start-Up Maintenance Kit Includes: Oven bulbs Cleaning supplies
✓ Sliding Unloading Shelf on 1/2/3-Deck Ovens 2 pcs included	✓ Bake Timer with Manual Shut-Off Alarm	
✓ Dual Xenon Oven Deck Lights	✓ Single-Push Auto Bake Timer with Alarm	
	✓ Lockable Casters on 1/2/3/4-Deck Ovens	

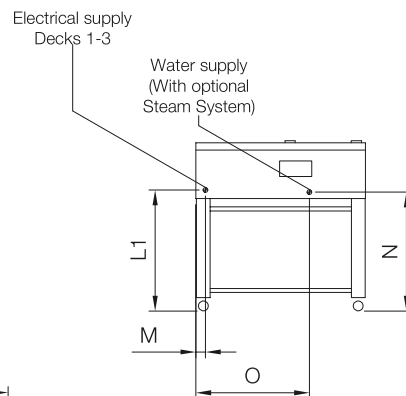
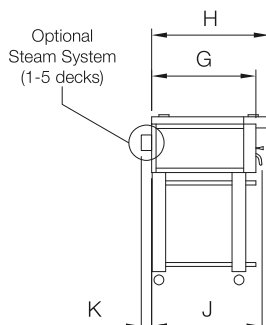
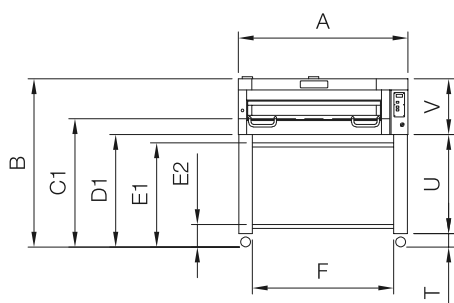
Optional Features

<input type="checkbox"/> Artisan High-Temperature Clay Stones Rec. for baking temperatures over 700°F	<input type="checkbox"/> Steam System Maximum baking temperature limited to 752°F	<input type="checkbox"/> Fixed Unloading Shelf on 4-Deck Oven
<input type="checkbox"/> Extended Ventilation Hood Rec. for Bakery and baking temp. over 700°F	<input type="checkbox"/> Extra High Deck Maximum baking temperature limited to 752°F	<input type="checkbox"/> Side Shelf Maximum 2 per side
<input type="checkbox"/> Factory Direct Ventilation System Requires Extended Ventilation Hood	<input type="checkbox"/> Power Guard™ Control system for limited power supply	<input type="checkbox"/> Oil and Spice Rack Includes pizza cutter
<input type="checkbox"/> 7-Day Automatic On/Off Timer	<input type="checkbox"/> Side Shield Panel	<input type="checkbox"/> Pizza Tool Holder Holds up to 3 tools
<input type="checkbox"/> Phantom Black Finish	<input type="checkbox"/> Marine Option Adapted for offshore installations	<input type="checkbox"/> Pizza Tools Loading Peels (13, 14, 17.7 and 19.7 in) Turning Peels (7.9 and 9 in) Oven Brush Freestanding Peel Holder
<input type="checkbox"/> Disassemble Design 2-Deck Oven	<input type="checkbox"/> Near Coastal Option Enhanced protection against saltwater	
<input type="checkbox"/> Lockable Casters for 5-Deck Oven		

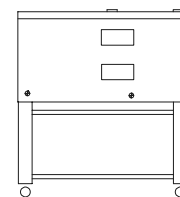
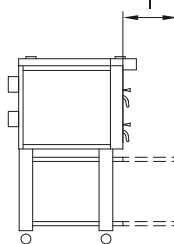
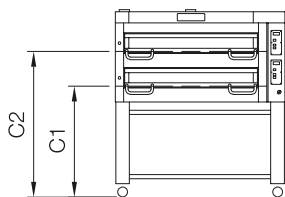
One oven, multiple possibilities. Individually configured decks let you bake different products at once.
Example: Deck 1 for Bakery, Deck 2 for Standard Pizza, and Deck 3 for High Temperature Pizza.

Technical Drawings

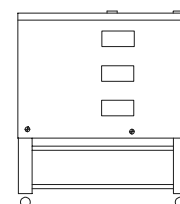
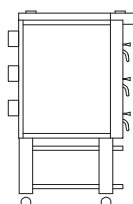
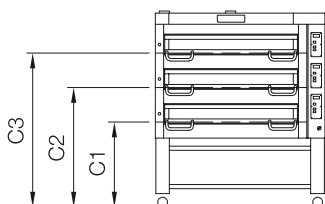
1131
Front
Side
Rear



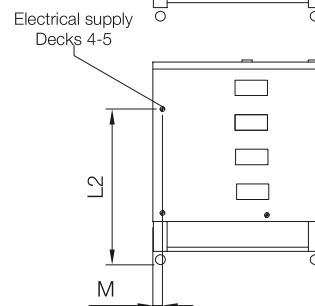
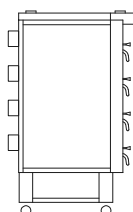
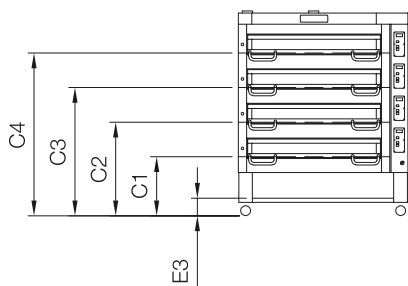
1132
Front
Side
Rear



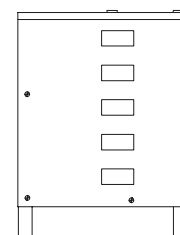
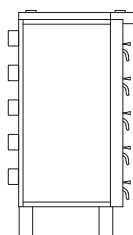
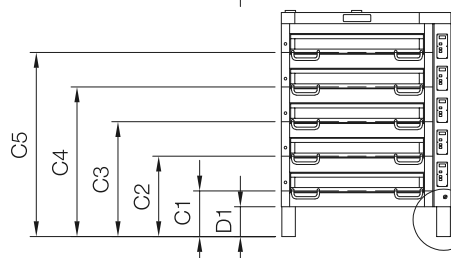
1133
Front
Side
Rear



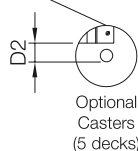
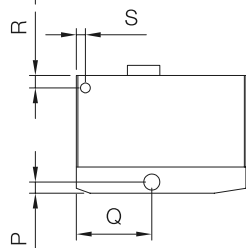
1134
Front
Side
Rear



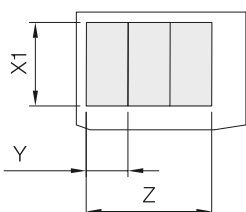
1135
Front
Side
Rear



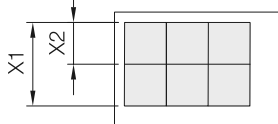
1131 - 1135
Top



Standard
Ceramic Clay Stones



Optional
Artisan High-Temperature Clay Stones



1131 - 1135
Baking Surface
Stone size

Notes

- Required 50 mm minimum clearance on all sides.
- Optional Steam System: Measurement "K" includes the required minimum clearance.
- Oven must be installed on a flat horizontal surface.
- Installation next to a deep fryer, hub, pasta cooker or similar equipment requires an optional Side Shield Panel.
- Optional Extra High Deck does not change the oven exterior height in measurement "B".

External Dimensions

See page 2	Description		Unit	1131	1132	1133	1134	1135
A	Oven Width		in	80,2	80,2	80,2	80,2	80,2
B	Total Oven Height	a) With Hood (standard)	in	64,9	71,6	74,9	78,2	86,4
		b) Without Hood	in	62,2	68,8	72,1	75,5	83,6
C1	Height to Baking Surface, Deck 1 ¹⁾	a) Standard Deck	in	49,5	42,8	32,8	22,8	17,6
		b) Extra High Deck (option) ²⁾	in	48,5	41,9	31,8	21,8	16,6
C2	Height to Baking Surface, Deck 2 ¹⁾	a) Standard Deck	in	-	56,2	46,1	36,1	30,9
		b) Extra High Deck (option) ²⁾	in	-	55,2	45,2	35,2	30,0
C3	Height to Baking Surface, Deck 3 ¹⁾	a) Standard Deck	in	-	-	59,5	49,5	44,3
		b) Extra High Deck (option) ²⁾	in	-	-	58,5	48,5	43,3
C4	Height to Baking Surface, Deck 4 ¹⁾	a) Standard Deck	in	-	-	-	62,8	57,6
		b) Extra High Deck (option) ²⁾	in	-	-	-	61,9	56,7
C5	Height to Baking Surface, Deck 5 ¹⁾	a) Standard Deck	in	-	-	-	-	71,0
		b) Extra High Deck (option) ²⁾	in	-	-	-	-	70,0
D1	Height to Bottom of Oven (standard)		in	43,4	36,7	26,7	16,7	11,5
D2	Height to Bottom of Oven (for 5-deck ovens with optional casters) ³⁾		in	-	-	-	-	7,2
E1	Height to Upper Sliding Shelf		in	40,2	33,5	23,5	-	-
E2	Height to Lower Sliding Shelf		in	8,3	8,3	8,3	-	-
E3	Height to Fixed Shelf (option for 4-deck ovens)		in	-	-	-	7,0	-
F	Shelf Width		in	74,4	74,4	74,4	74,4	74,4
G	Oven Depth, with Hood	a) Ventilation Hood (standard)	in	55,4	55,4	55,4	55,4	55,4
		b) Extended Ventilation Hood (option)	in	60,6	60,6	60,6	60,6	60,6
H	Oven Depth, without Hood		in	50,1	50,1	50,1	50,1	50,1
I	Depth of Sliding Shelf when Fully Extended		in	21,2	21,2	21,2	-	-
J	Depth with Handles	a) Closed door	in	52,5	52,5	52,5	52,5	52,5
		b) Open door	in	58,0	58,0	58,0	58,0	58,0
K	Depth of Steam System (option)		in	3,9	3,9	3,9	3,9	3,9
L1	Height Position for Electrical Supply, Decks 1-3 [± 1 in]		in	46,8	40,1	30,0	20,0	14,8
L2	Height Position for Electrical Supply, Decks 4-5 [± 1 in]		in	-	-	-	60,1	54,9
M	Width Position for Electrical Supply [± 2 in]		in	3,7	3,7	3,7	3,7	3,7
N	Height Position for Water Supply (with optional Steam System)		in	45,9	39,2	29,2	19,2	14,0
O	Width Position for Water Supply (with optional Steam System)		in	58,5	58,5	58,5	58,5	58,5
P	Depth Position for Front Ventilation (with Hood attached)		in	4,3	4,3	4,3	4,3	4,3
Q	Width Position for Front Ventilation (with Hood attached)		in	36,6	36,6	36,6	36,6	36,6
R	Depth Position for Rear Ventilation		in	4,8	4,8	4,8	4,8	4,8
S	Width Position for Rear Ventilation		in	3,5	3,5	3,5	3,5	3,5
T	Height of Casters Only (1 to 4 decks)		in	5,2	5,2	5,2	5,2	-
U	Height of Legs Only		in	38,2	31,5	21,5	11,5	11,5
V	Height of Oven Only	a) With Hood (standard)	in	21,5	34,9	48,2	61,6	74,9
		b) Without Hood	in	18,8	32,1	45,5	58,8	72,2

Note 1) Add +0,5 in for optional Artisan High-Temperature Clay Stones.

Note 2) Optional Extra High Deck does not change the oven exterior height in measurement "B".

Note 3) All other heights are lowered by 4,3" with optional casters for 5-deck ovens.

Internal Dimensions

See page 2	Description	Unit	1131	1132	1133	1134	1135
X1	Stone size, depth - Ceramic Clay Stone (standard)	in	42,1	42,1	42,1	42,1	42,1
X2	Stone size, depth - Artisan High-Temperature Clay Stone (option)	in	21,1	21,1	21,1	21,1	21,1
Y	Stone size, width	in	21,1	21,1	21,1	21,1	21,1
-	No. of Stones	a) Ceramic Clay Stone (standard)	pcs	3	3	3	3
		b) Artisan HT Clay Stone (option)	pcs	6	6	6	6
X1	Total baking surface, depth	in	42,1	42,1	42,1	42,1	42,1
Z	Total baking surface, width	in	63,2	63,2	63,2	63,2	63,2
-	Total baking surface, area	ft²	18,5	18,5	18,5	18,5	18,5
-	Internal deck height	a) Standard Deck	in	8,3	8,3	8,3	8,3
		b) Extra High Deck (option)	in	9,6	9,6	9,6	9,6
-	Deck door opening height	a) Standard Deck	in	5,7	5,7	5,7	5,7
		b) Extra High Deck (option)	in	7,1	7,1	7,1	7,1

Packing Dimensions

Description	Unit	1131	1132	1133	1134	1135
Net weight	lbs	798	1327	1767	2189	2617
Gross weight (total)	lbs	928	1464	1918	2350	2773
Size / Dimensions	a) Width	in	91	91	91	91
	b) Depth	in	63	63	63	63
	c) Height	in	29	39	53	66
Volume	ft	96,2	128,7	174,1	218,3	275,5

Guidelines for choosing the right oven

1. Measure the available space for the oven.
2. Determine the maximum capacity need per hour and average bake time.
(See capacity tables for guidance).
3. Note that different bake temperatures require separate decks.
4. Factor in time needed for loading and unloading pizzas.
5. Consider potential future expansion plans and the need for additional decks.



SmartIQ™
Oven
Configurator

Capacity tables

Round pizza (in)	Capacity, per deck	Rectangular pizza (in)		Capacity, per deck
		Length	Width	
7	54	10	8	25
10	24	10	10	24
12	16	12	12	15
14	12	14	10	18
16	9	14	14	12
18	7	23,6	7,9	12
20	6	23,6	11,8	8
21	6	23,6	15,8	6
24	3	26	18	4

Electrical

Voltage	Parameters (Per deck, unless specified)		Unit	1131	1132	1133	1134	1135
208 V 1 ph 50/60 Hz	Max. Current ¹⁾		Amps	102,9	103,1	103,4	103,6	103,8
	Average Current at normal operation		Amps	36,0	36,1	36,2	36,3	36,3
	Min. Breaker (Type C is rec.)		Amps	113,2	113,4	113,7	113,9	114,2
	Max. Power		kW	21,4	21,4	21,4	21,4	21,4
208 V 3 ph 50/60 Hz	Max. Current ¹⁾		Amps	59,6	59,8	60,0	60,2	60,4
	Average Current at normal operation		Amps	20,9	20,9	21,0	21,1	21,2
	Min. Breaker (Type C is rec.)		Amps	65,6	65,8	66,0	66,3	66,5
	Max. Power		kW	21,4	21,4	21,4	21,4	21,4
240 V 1 ph 50/60 Hz	Max. Current ¹⁾		Amps	96,8	96,8	96,8	96,8	96,8
	Average Current at normal operation		Amps	33,9	33,9	33,9	33,9	33,9
	Min. Breaker (Type C is rec.)		Amps	106,5	106,5	106,5	106,5	106,5
	Max. Power		kW	23,3	23,3	23,3	23,3	23,3
240 V 3 ph 50/60 Hz	Max. Current ¹⁾		Amps	56,2	56,4	56,6	56,8	57,0
	Average Current at normal operation		Amps	19,7	19,7	19,8	19,9	19,9
	Min. Breaker (Type C is rec.)		Amps	61,9	62,1	62,3	62,5	62,7
	Max. Power		kW	23,3	23,3	23,3	23,3	23,3
480 V 3 ph + N 50/60 Hz	Max. Current ¹⁾	a) Per deck	Amps	26,0	26,0	26,1	26,3	26,5
		b) Single cable	Amps	26,0	51,9	77,9	-	-
		c) Dual cables ²⁾	Amps	-	-	-	77,9 + 26,0	77,9 + 51,9
	Average Current at normal operation	a) Per deck	Amps	9,1	9,1	9,1	9,2	9,3
		b) Total (oven)	Amps	9,1	18,2	27,4	36,8	46,3
		a) Per deck	Amps	28,5	28,5	28,7	28,9	29,1
	Min. Breaker (Type C is rec.)	b) Total (oven)	Amps	28,5	57,1	86,1	115,6	145,5
		a) Per deck	kW	21,4	21,4	21,4	21,4	21,4
	Max. Power	b) Total (oven)	kW	21,4	42,8	64,2	85,6	107,0

Note 1) Only at start-up (~20 min) with activated TurboStart or all heat zones at max.

Note 2) First cable for decks 1-3; Second cable for decks 4-5.

Ventilation

EPA 202 Tested	1131	1132	1133	1134	1135
PizzaMaster electric deck ovens conform to ventilation recommendations set forth by ANSI/NFPA96 using EPA 202 test method. Grease-laden vapor test, EPA 202 (ventless requirement): 8 hr, Pepperoni pizza, < 5,00 mg/m3.	✓	✓	✓	-	-

How to install	Connection(s)				Air flow					
	Qty	Pos	Unit	Value	Unit	1131	1132	1133	1134	1135
Factory Direct Vent. System (option) ¹⁾	1	Center	in	8	CFM	659	758	856	955	1054
Direct Ventilation ²⁾	2	Front	in	6-1/2	CFM	659	758	856	955	1054
		Rear	in	4	CFM	30	59	89	119	149
Under External Hood	-	-	-	-	CFM	494	568	642	716	791

Note 1) Requires Extended Ventilation Hood.

Note 2) For best performance, Extended Ventilation Hood is recommended.

Exhaust temperature (See page 3 for measurement "B/b")			
Connection	Unit	"B/b" + 16 in	"B/b" + 40 in
Center ¹⁾	°F	-	108
Front ²⁾	°F	115	108
Rear ²⁾	°F	239	228

Note 1) With optional Factory Direct Ventilation System.

Note 2) Without optional Factory Direct Ventilation System.

Heat emission ¹⁾						
Type	Unit	1131	1132	1133	1134	1135
Total	BTU/h	25617	51233	76850	102467	128083
Sensible	BTU/h	7319	14638	21957	29276	36595
Latent	BTU/h	18298	36595	54893	73190	91488

Note 1) At normal operation, all decks running.

Water Only for Optional Steam System

Requirements	Value	Requirements	Value
Water drain	Not required	Connection	NH 3/4"
Backflow protection	Required, not included	General water quality	Cold Drinking Water
Auto shut-off valve	Included	Water softener	Recommended
Incoming water pressure	29 - 58 psi	Particle filter	Recommended

Water quality requirements	Unit	Value
Magnesium (Mg)	mg/l	< 30
Calcium (Ca)	mg/l	20 - 100
Hardness	dH	4,0 - 7,0
Acidity at 20°C	pH	7,5 - 8,5
Alkalinity (HCO)	mg/l	> 60