



TECHNICAL SPECIFICATIONS
USA



Shown: PM 722ED with optional 7-Day Automatic On/Off Timer

Project _____

Item No. _____

Quantity _____

Date _____

PM 72X Series

PM 721ED, PM 722ED, PM 723ED, PM 724ED, PM 725ED

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



LISTED E326671



ANSI/NSF 4 EPH E335108

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	

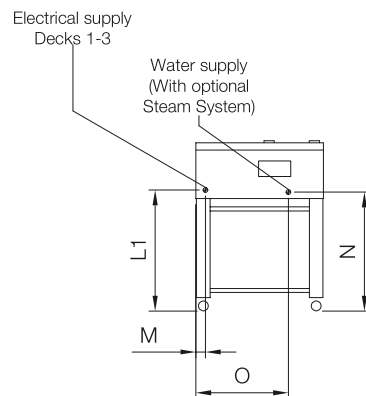
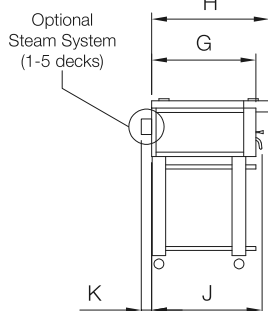
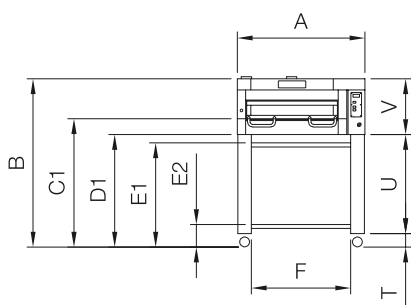
Optional Features

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

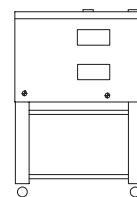
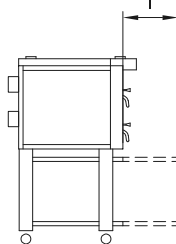
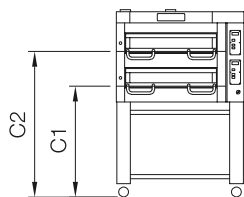
One oven, multiple possibilities. Individually configured decks let you bake different products at once.
Example: **Deck 1** for Bakery, **Deck 2** for Standard Pizza, and **Deck 3** for High Temperature Pizza.

Technical Drawings

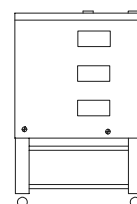
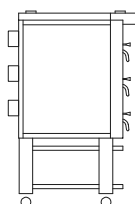
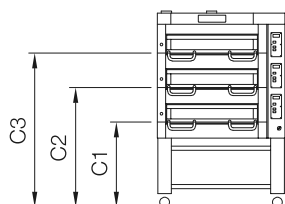
721
Front
Side
Rear



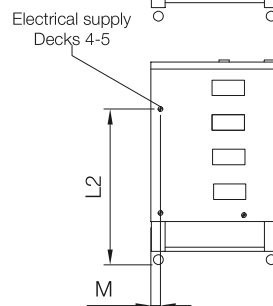
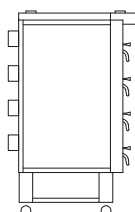
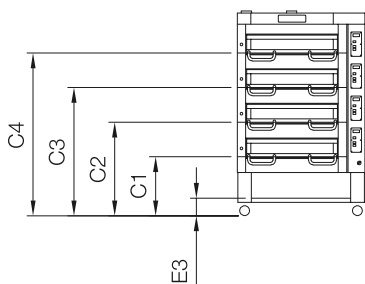
722
Front
Side
Rear



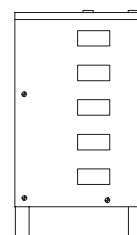
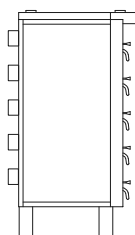
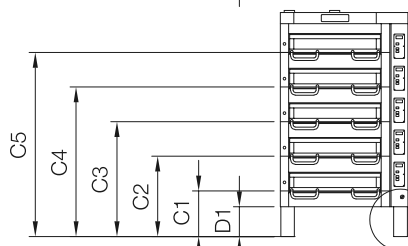
723
Front
Side
Rear



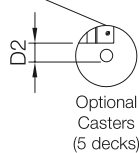
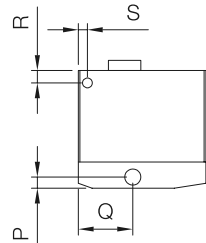
724
Front
Side
Rear



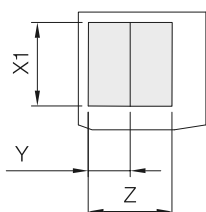
725
Front
Side
Rear



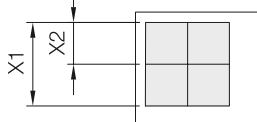
721 - 725
Top



Standard
Ceramic Clay Stones



Optional
Artisan High-Temperature Clay Stones



721 - 725
Baking Surface
Stone size

Notes

- Required 2" 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	721	722	723	724	725
A	Oven Width	in	44,3	44,3	44,3	44,3	44,3
B	Total Oven Height	a) With Hood (standard)	in	64,9	71,6	74,9	78,2
		b) Without Hood	in	62,2	68,8	72,1	75,5
C1	Height to Baking Surface, Deck 1 ¹⁾	a) Standard Deck	in	49,5	42,8	32,8	22,8
		b) Extra High Deck (option) ²⁾	in	48,5	41,9	31,8	21,8
C2	Height to Baking Surface, Deck 2 ¹⁾	a) Standard Deck	in	-	56,2	46,1	36,1
		b) Extra High Deck (option) ²⁾	in	-	55,2	45,2	35,2
C3	Height to Baking Surface, Deck 3 ¹⁾	a) Standard Deck	in	-	-	59,5	49,5
		b) Extra High Deck (option) ²⁾	in	-	-	58,5	48,5
C4	Height to Baking Surface, Deck 4 ¹⁾	a) Standard Deck	in	-	-	-	62,8
		b) Extra High Deck (option) ²⁾	in	-	-	-	61,9
C5	Height to Baking Surface, Deck 5 ¹⁾	a) Standard Deck	in	-	-	-	-
		b) Extra High Deck (option) ²⁾	in	-	-	-	-
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	38,5	38,5	38,5	38,5	38,5
G	Oven Depth, with Hood	a) Ventilation Hood (standard)	in	40,9	40,9	40,9	40,9
		b) Extended Ventilation Hood (option)	in	46,0	46,0	46,0	46,0
H	Oven Depth, without Hood	in	35,6	35,6	35,6	35,6	35,6
I	Depth of Sliding Shelf when Fully Extended	in	21,2	21,2	21,2	-	-
J	Depth with Handles	a) Closed door	in	37,9	37,9	37,9	37,9
		b) Open door	in	43,4	43,4	43,4	43,4
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 [\pm 1 in]	in	46,8	40,1	30,0	20,0	14,8
L2	Height Position for Electrical Supply, Decks 4-5 [\pm 1 in]	in	-	-	-	60,1	54,9
M	Width Position for Electrical Supply [\pm 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	33,2	33,2	33,2	33,2	33,2
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	18,7	18,7	18,7	18,7	18,7
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
		b) Without Hood	in	18,8	32,1	45,5	58,8

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	721	722	723	724	725
X1	Stone size, depth - Ceramic Clay Stone (standard)	in	28,0	28,0	28,0	28,0	28,0
X2	Stone size, depth - Artisan High-Temperature Clay Stone (option)	in	14,0	14,0	14,0	14,0	14,0
Y	Stone size, width	in	14,0	14,0	14,0	14,0	14,0
-	No. of Stones	a) Ceramic Clay Stone (standard)	pcs	2	2	2	2
		b) Artisan HT Clay Stone (option)	pcs	4	4	4	4
X1	Total baking surface, depth	in	28,0	28,0	28,0	28,0	28,0
Z	Total baking surface, width	in	28,0	28,0	28,0	28,0	28,0
-	Total baking surface, area	ft ²	5,4	5,4	5,4	5,4	5,4
-	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	721	722	723	724	725
Net weight	lbs	397	586	779	931	1035
Gross weight (total)	lbs	500	694	897	1058	1252
Size / Dimensions	a) Width	in	47,2	47,2	47,2	78,7
	b) Depth	in	47,2	47,2	47,2	55,1
	c) Height	in	29,1	39,0	52,8	83,5
Volume	ft	37,6	50,3	68,1	85,4	209,6

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	16	10	8	8
10	6	10	10	4
12	4	12	12	4
14	4	14	10	4
16	2	14	14	4
18	1	23,6	7,9	3
20	1	23,6	11,8	3
21	1	23,6	15,8	1
24	1	26	18	1

Electrical

Voltage	Parameters (Per deck, unless specified)		Unit	721	722	723	724	725
208 V 1 ph 50/60 Hz	Max. Current ¹⁾		Amps	30,4	30,7	30,9	31,2	31,4
	Average Current at normal operation		Amps	10,7	10,7	10,8	10,9	11,0
	Min. Breaker (Type C is rec.)		Amps	33,5	33,7	34,0	34,3	34,5
	Max. Power		kW	6,3	6,3	6,3	6,3	6,3
208 V 3 ph 50/60 Hz	Max. Current ¹⁾		Amps	17,7	18,0	18,2	18,4	18,6
	Average Current at normal operation		Amps	6,2	6,3	6,4	6,4	6,5
	Min. Breaker (Type C is rec.)		Amps	19,5	19,7	20,0	20,2	20,4
	Max. Power		kW	6,3	6,3	6,3	6,3	6,3
240 V 1 ph 50/60 Hz	Max. Current ¹⁾		Amps	28,7	29,0	29,2	29,4	29,6
	Average Current at normal operation		Amps	10,1	10,1	10,2	10,3	10,4
	Min. Breaker (Type C is rec.)		Amps	31,6	31,8	32,1	32,3	32,6
	Max. Power		kW	6,9	6,9	6,9	6,9	6,9
240 V 3 ph 50/60 Hz	Max. Current ¹⁾		Amps	16,7	16,9	17,1	17,3	17,5
	Average Current at normal operation		Amps	5,9	5,9	6,0	6,1	6,1
	Min. Breaker (Type C is rec.)		Amps	18,4	18,6	18,8	19,1	19,3
	Max. Power		kW	6,9	6,9	6,9	6,9	6,9
480 V 3 ph + N 50/60 Hz	Max. Current ¹⁾	a) Per deck	Amps	7,7	7,8	8,0	8,2	8,4
		b) Single cable	Amps	7,7	15,5	23,2	-	-
		c) Dual cables ²⁾	Amps	-	-	-	23,2 + 7,7	23,3 + 15,5
	Average Current at normal operation	a) Per deck	Amps	2,7	2,7	2,8	2,9	2,9
		b) Total (oven)	Amps	2,7	5,5	8,4	11,5	14,7
	Min. Breaker (Type C is rec.)	a) Per deck	Amps	8,5	8,6	8,8	9,0	9,2
		b) Total (oven)	Amps	8,5	17,2	26,4	36,0	46,1
	Max. Power	a) Per deck	kW	6,3	6,3	6,3	6,3	6,3
		b) Total (oven)	kW	6,3	12,7	19,0	25,3	31,7

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	721	722	723	724	725
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	721	722	723	724	725
Factory Direct Vent. System (option) ¹⁾	1	Center	in	8	CFM	364	419	473	528	583
Direct Ventilation ²⁾	2	Front	in	6-1/2	CFM	364	419	473	528	583
		Rear	in	4	CFM	9	17	26	35	44
Under External Hood	-	-	-	-	CFM	273	314	355	396	437

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	721	722	723	724	725
Total	BTU/h	7619	15119	22679	30238	37798
Sensible	BTU/h	2160	4320	6480	8640	10799
Latent	BTU/h	5459	10799	16199	21599	26999

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