

WOW!
OVEN™

**e energy
management
system**

**VARIABLE
AIR
FLOW**



Principle

The Middleby Marshall WOW! conveyor series oven utilizes VAF technology that allows the user full control of the air flow in the baking chamber, resulting in optimal results in cooking product. Once air flow is modified, users receive instant results and full control of air movement, time, and temperature settings. The exterior of the oven is cool to the touch, safely giving users cooler working conditions in the immediate area. The WOW! oven is designed to cook an endless amount of food products including pizza, chicken, seafood, sandwiches and more.

General Information

The PS629 conveyor oven is ideally suited for Kiosk and express-style locations where smaller ovens are required. Stackable to four high.

Standard Features

- Patented EMS Energy Management System* reduces energy consumption and increases cooking efficiency
- 29" (737mm) long cooking chamber with 18" (457.2mm) belt
- 50" (1270mm) long, 40-3/4" (1035mm) deep, and 21-3/4" (552.4mm) high overall dimensions
- Furnished with 4" (101.6mm) legs
- Digital controls
- Stainless steel front, sides, top and interior
- Reversible conveyor direction
- 15" (381mm) wide front window

Optional Features

- Large legs with casters
- Extended warranty available
- 6" (152.4mm) Exit Tray
- 12" (304.8mm) Exit Tray
- Hearth Bake Belt for a deck oven crust

Conserves Energy

Unit incorporates a patented Energy Management System - EMS. Middleby ovens provide very efficient heat transfer to product. Energy is conserved as air is recycled from heater to product, with minimum loss. Oven is cool to the touch.

Cleanability

PS629 Ovens are designed for easy cleaning. Removable parts include: crumb pans, end panels, air fingers, exit tray, and a removable conveyor belt assembly.

Easily Services

Control compartment is designed for quick and easy access.

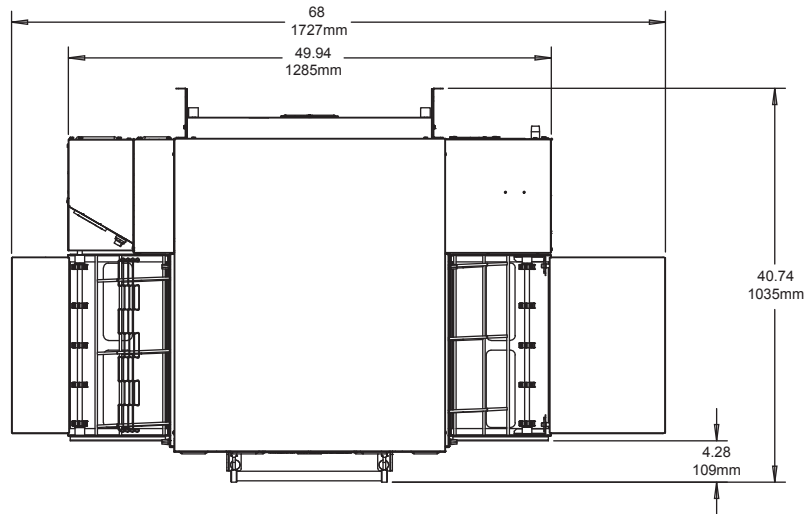
Warranty

All PS629 models have a one year parts and labor warranty.

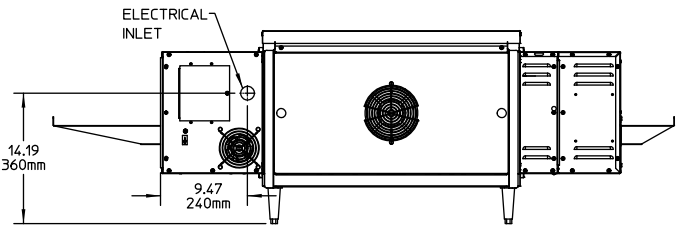
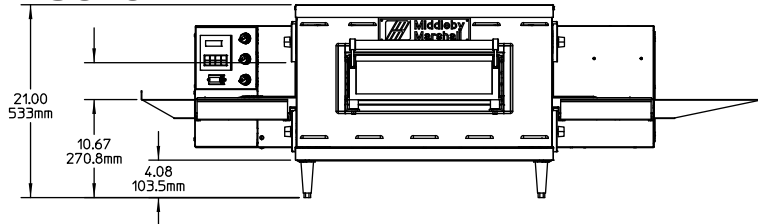
Ventilation

Use of a ventilation hood is strongly recommended.

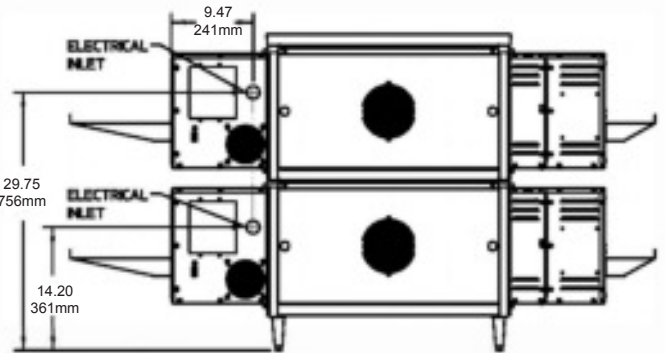
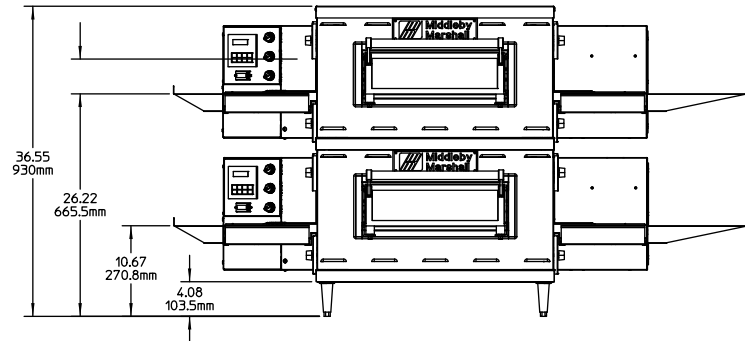
**PS629E Series
Electric Counter Top Conveyor Oven**



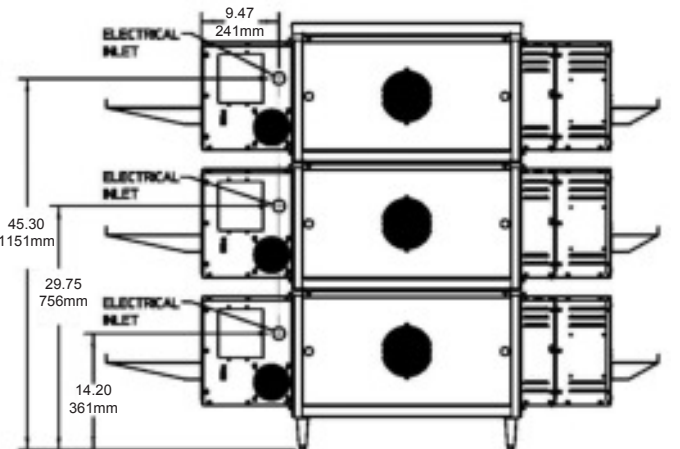
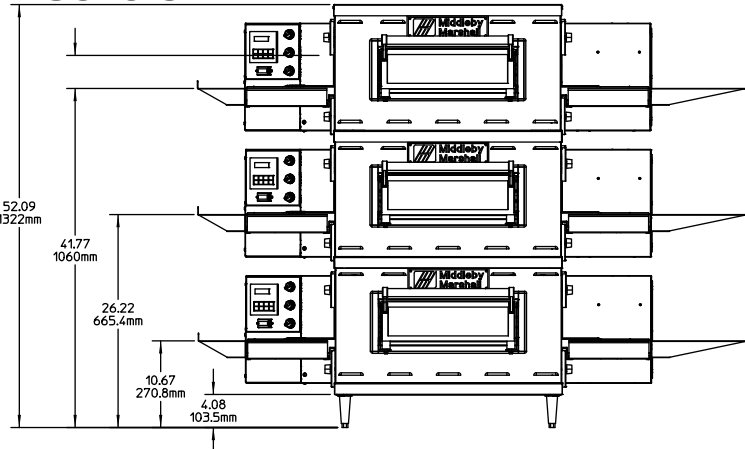
PS629-1



PS629-2

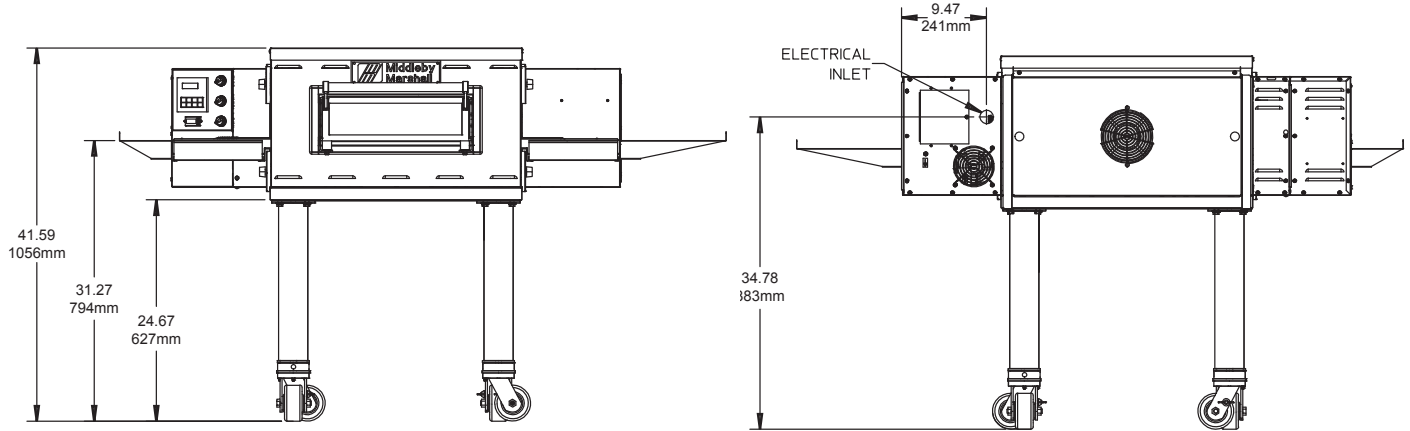


PS629-3

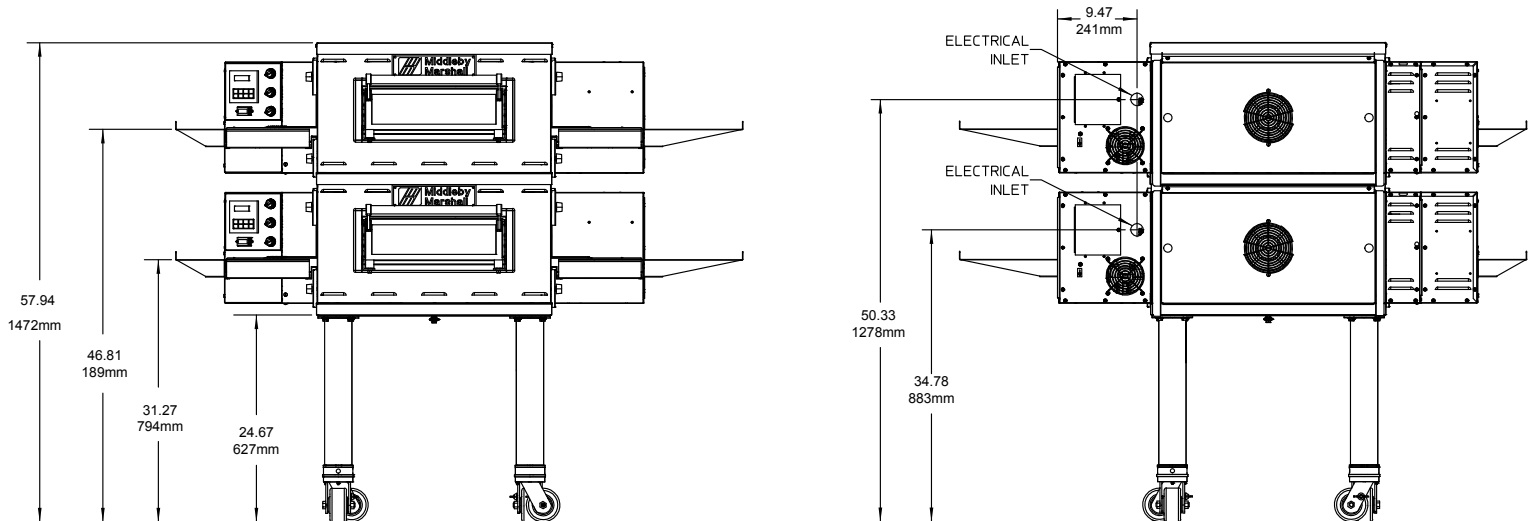


PS629E Series
Electric Counter Top Conveyor Oven

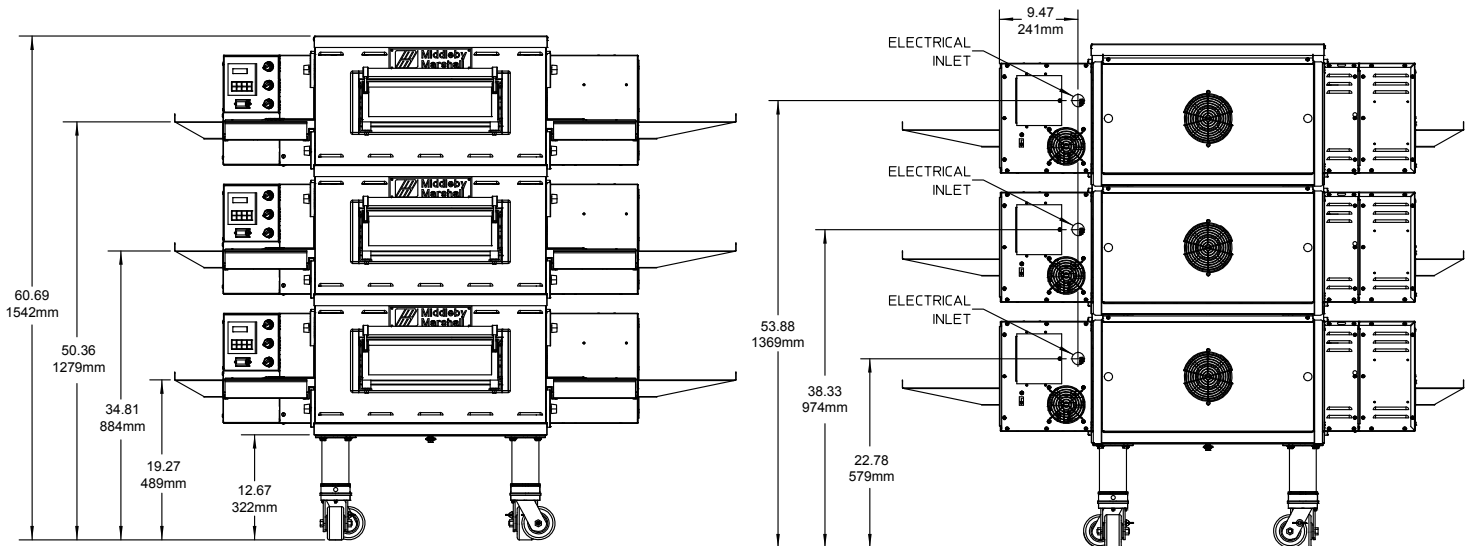
PS629-1 with Optional Legs



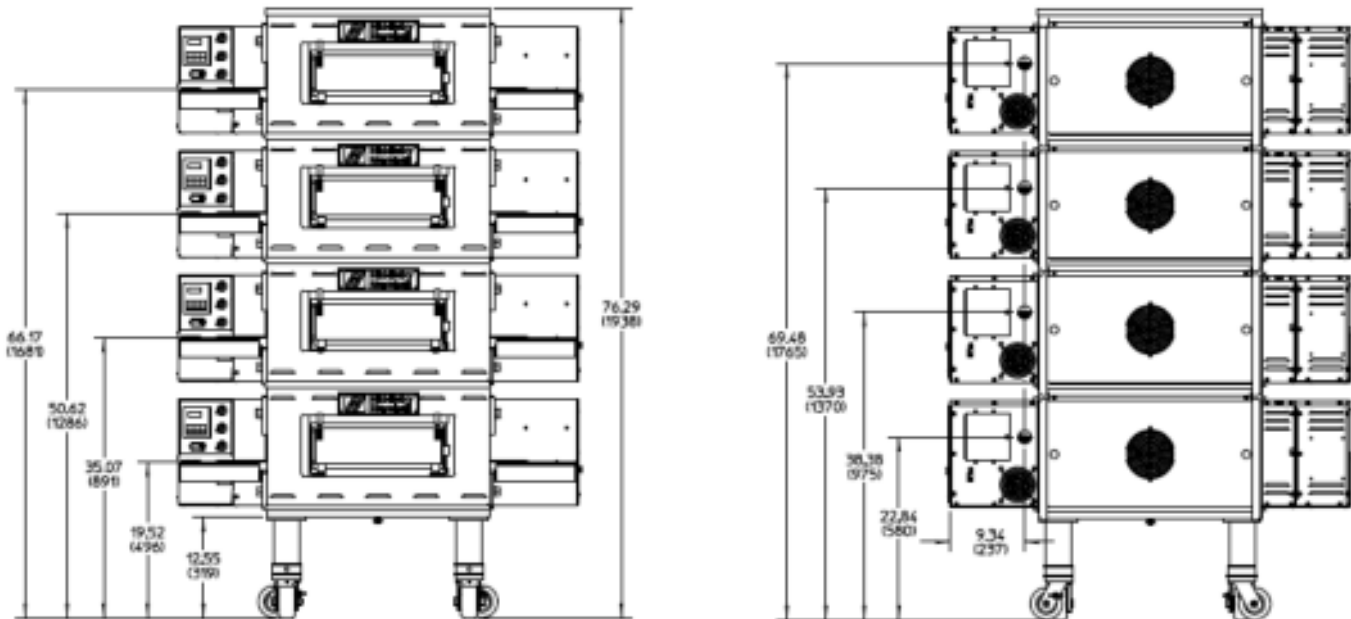
PS629-2 with Optional Legs



PS629-3 with Optional Legs



PS629-4 with Optional Legs



RECOMMENDED MINIMUM CLEARANCES

Rear of Oven to Wall	Control end of conveyor to wall	Non-control end of conveyor to wall
0"	0"	0"

GENERAL SPECIFICATIONS

	Heating Zone	Baking Area	Belt Length	Belt Width	Overall Length exit trays installed	Height 4" legs installed	Depth	Maximum Operating Temp	Bake Time Range	Ship Wt	Ship Cube
PS629-1	29" 737mm	3.5 sq ft 0.33 sq m	50" 1270 mm	18" 457mm	68" 1727mm	21.00" 533mm	40.74" 1035mm	600°F 316°C	1-30 min	325 lbs 147.42kg	22.1 ft³ 0.62m³
PS629-2	58" 1473mm	7.0 sq ft 0.66 sq m	50" 1270 mm	18" 457mm	68" 1727mm	36.55" 930mm	40.74" 1035mm	600°F 316°C	1-30 min	650 lbs 294.48 kg	44.2 ft³ 1.24m³
PS629-3	87" 2210mm	11.5 sq ft 0.99 sq m	50" 1270 mm	18" 457mm	68" 1727mm	52.09" 1322mm	40.74" 1035mm	600°F 316°C	1-30 min	975 lbs 442.25 kg	66.3 ft³ 1.86m³
PS629-4	116" 2946mm	15.0 sq ft 1.32 sq m	50" 1270 mm	18" 457mm	68" 1727mm	76.29" 1938mm	40.74" 1035mm	600°F 316°C	1-30 min	1,300 lbs 589.67 kg	88.4 ft³ 2.48m³

ELECTRICAL SPECIFICATIONS

Main Blower & Elements Voltage	Control Circuit Voltage	Phase	Frequency	kW		Amperage			Supply		Breakers
						L1	L2	L3			
208-240V	208-240	3 Ph	50/60 Hz	208	12	35.3	35.3	33.3	-	3 pole 4 wire (3 hot, 1 grd)	as per local codes
		3 Ph	50/60 Hz	240	12	30.8	30.8	28.8	-	3 pole 4 wire (3 hot, 1 grd)	as per local codes
380V Export	208-240V	3 Ph	50/60 Hz	380	12	20.2	18.2	18.2	2.0	4 pole 5 wire (3 hot, 1neu, 1 grd)	as per local codes
208-240V	208-240	1 Ph	50/60 Hz	208	10	48.1	48.1			2 pole 3 wire (2 hot, 1 grd)	as per local codes
	EXPORT CE	1 Ph	50/60 Hz	230	9.2	40.0	40.0			2 pole 3 wire (2 hot, 1 grd)	as per local codes
		1 Ph	50/60 Hz	240	10	41.7	41.7			2 pole 3 Wire (2 hot, 1 grd)	as per local codes

* The current draw rating shown above are maximum values for normal operation, amperage draw will be less than the listed value.

Optional 6 ft cord with NEMA# 15-50P plug for 208-240V 3ph ovens. Customer to provide NEMA# 15-50R receptacle.