



Gravity Ovens

### Blue M Gravity Ovens - GO Series

Blue M Gravity Ovens are value priced gravity convection ovens for many industrial uses such as drying and baking. Gravity Ovens are designed for applications where a fan or other airflow would disturb the thermal process, such as processing of lightweight materials or powders. Gravity Ovens are designed for applications that require less temperature uniformity than other types of mechanical convection ovens.

Each gravity oven model generates a unique natural air convection supply through perforated stainless steel shelves to achieve temperature uniformity without blowers.

#### ► Economy Model

- Timer Standard



#### ► Features

- Stainless steel interior with powder coated exterior for durability
- Vertical-up gravity convection air flow allows for tighter temperature uniformity
- Adjustable shelving provides flexible workspace configuration
- 2 perforated shelves for increased air flow and uniformity
- Independent and adjustable over-temperature protection provides extra assurance against damage to load and oven
- Stainless Steel Interior
- Range of Sizes
- Over-Temperature Protection
- Maximum Temperature: 260°C
- Minimum Temperature: Ambient +10°C

Model	GO-27	GO-90	GO-136	GO-225
Interior Dimensions W x D x H	300 x 300 x 300mm 11.8 x 11.8 x 11.8in	450 x 450 x 450mm 17.7 x 17.7 x 17.7in	550 x 450 x 550mm 21.6 x 17.7 x 21.6in	600 x 500 x 750mm 23.6 x 19.6 x 29.5in
Exterior Dimensions W x D x H	500 x 540 x 795mm 19.7 x 21.3 x 31.3in	650 x 690 x 945mm 25.6 x 27.2 x 37.2in	750 x 690 x 1045mm 29.5 x 27.2 x 41.1in	800 x 740 x 1245mm 31.5 x 29.1 x 49in
Workspace	0.95 cu. ft.	3.2 cu. ft.	4.8 cu. ft.	7.9 cu. ft.
Heating Method	Vertical-up Gravity Convection			
Interior Material	Stainless Steel			
Temp. Range	Ambient +20°F to +500°F Ambient +10°C to +260°C			
Temp. Uniformity	≤ ± 3%			
Control Tolerance	≤ ± 1°C			
Heating Rate	≤ 100min (Ambient Temp. to Max Temp.)			
Control Interface	High Quality Digital PID Temp. Controller			
Temp. Control Mode	Set Point Operation			
Power Supply	115V 1Ph 60Hz	115V 1Ph 60Hz	230V 1Ph 60Hz	230V 1Ph 60Hz
Power	1.2KW	1.5KW	2KW	3KW
Shelves	2	2	2	2
Shelf Spacing	0.95"	1.2"	1.5"	2"
Maximum Shelves	3	4	5	6
Available Slots	12	12	12	12

All specifications are subject to change without notice.

### Options

- Additional perforated shelves

### Performance

- Heating Method: Gravity Convection
- Airflow: Vertical Up
- Temperature Uniformity: Less than or equal to +/- 3%
- Temperature Fluctuation: Less than or equal to +/- 1°C
- Heating Rate: Less than or equal to 100 Minutes from Ambient to Max. Temp.
- Control Interface: High quality digital PID temperature controller
- Temperature Control Mode: Set point operation



#### Arizona Office

**Gary Carlin**  
15811 Palisades Blvd.  
Fountain Hills AZ 85268  
PH: 480.816.1514  
Mobil: 480.816.1590  
gcarlin@techequipsales.com

**Technical Equipment Sales Inc.**  
*Manufacturers Representatives*

#### Colorado Office

**Mike Crowe**  
PO Box 281  
Severance CO 80548  
PH: 970.674.1799  
Mobil: 303.809.5556  
mcrowe@techequipsales.com