

Blue M Ovens - General Specifications

INTERIOR: Type 304, 18-8 stainless, including inner face of door(s) and cabinet opening perimeter.

EXTERIOR: All-welded heavy gauge cold rolled steel, re-inforced. Baked-on grey hammerloid enamel. Note: Exterior and interior chambers employ specially designed bar-riers to minimize heat conduction between joining faces.

DOOR(S) AND HARDWARE: Double wall. Exclusive adjustable no-slam, cam action latch and chrome-plated hinges. Double silicone rubber seals plus stainless steel spring heat barriers around entire door perimeter. All models with working chambers larger than 25" wide I.D. have two doors but no center mullion. Others have one door.

INSULATION: Fiberglas, minimum 4" thick, non-hygroscopic, fireproof.

ETERNA HEATER BANKS: Black-Heat; "Controlled" low watt density. Shielded. No radiant heat. Assure years of service.

AIR CIRCULATION: Quality ball bearing motor and balanced multi-bladed turbo-blower designed especially for

long service at elevated temperatures. Circulate heated air horizontally across working chamber for uniform heat distribution.

ADJUSTABLE AIR-FLOW: Velocity proportioned up to 225 F.P.M., depending on model, by means of adjustable intake and exhaust ports with adjustable covers and damper.

SHELVES: Nickel-plated wire or expanded steel, depending on model. Comparable electro-polished stainless shelves optional. Stainless non-tilting type brackets for shelf adjustment on 2" centers.

READY-READ TEMPERATURE INDICATOR: 3½" diameter —for easier, more efficient operation. Centigrade standard, Fahrenheit optional.

VOLTMETER: Indicates voltage on heating element.

NEON PILOT LAMP: Red; denotes unit operation.

CIRCUIT BREAKER: As short circuit protection.

WIRING: Complete, totally enclosed. Terminal box. Meets amended N.E. Code and NEMA standards.

BLUE M OVENS - BENCH MODELS

TEMPERATURE RANGE: TO +204°C. (+400°F.)

| Model Number | Inside Dimensions (Inches) | | | Overall Dimensions (Inches) | | | Maximum K.W. | Voltage 60 Hz. A.C. 1 Phase | Shipping Weight (Lbs.) | | |
|--|----------------------------|----|----|-----------------------------|----|----|--------------|-----------------------------|------------------------|--|--|
| | W. | D. | H. | W. | D. | H. | | | | | |
| POM-143A-1 POM-143B-1 POM-143C-1 | 14 | 14 | 14 | 29 | 26 | 43 | 1.0 | 120 V. 208 V. 240 V. | 280 | | |
| POM-203A-1 POM-203B-1 POM-203C-1 | 20 | 18 | 20 | 35 | 30 | 49 | 2.0 | 120 V. 208 V. 240 V. | 400 | | |
| POM-253B-1 POM-253C-1 | 25 | 20 | 20 | 40 | 32 | 49 | 3.0 | 208 V. 240 V. | 520 | | |

TEMPERATURE RANGE: TO +343°C. (+650°F.)

| | | | | | | | | | | | |
|--|----|----|----|----|----|----|-----|----------------------------|-----|--|--|
| POM-146A-1 POM-146B-1 POM-146C-1 | 14 | 14 | 14 | 29 | 26 | 43 | 2.0 | 120 V. 208 V. 240 V. | 280 | | |
| POM-206B-1 POM-206C-1 | 20 | 18 | 20 | 35 | 30 | 49 | 3.0 | 208 V. 240 V. | 400 | | |
| POM-256B-1 POM-256C-1 | 25 | 20 | 20 | 40 | 32 | 49 | 4.0 | 208 V. 240 V. | 520 | | |

BLUE M OVENS - FLOOR MODELS

TEMPERATURE RANGE: TO +204°C. (+400°F.)

| *Model Number | Inside Dimensions (Inches) | | | Overall Dimensions (Inches) | | | Maximum K.W. | Voltage 60 Hz. A.C. 1 Phase | Shipping Weight (Lbs.) | | |
|----------------------------|----------------------------|----|----|-----------------------------|----|----|--------------|-----------------------------|------------------------|--|--|
| | W. | D. | H. | W. | D. | H. | | | | | |
| POM-133B-1 POM-133C-1 | 38 | 20 | 25 | 53 | 32 | 62 | 4.0 | 208 V. 240 V. | 850 | | |
| POM-333B-1 POM-333C-1 | 25 | 20 | 38 | 40 | 32 | 75 | 4.0 | 208 V. 240 V. | 875 | | |
| POM-1403B-1 POM-1403C-1 | 48 | 24 | 36 | 63 | 36 | 73 | 7.0 | 208 V. 240 V. | 1030 | | |

TEMPERATURE RANGE: TO +343°C. (+650°F.)

| | | | | | | | | | | | |
|----------------------------|----|----|----|----|----|----|-----|------------------|------|--|--|
| POM-136B-1 POM-136C-1 | 38 | 20 | 25 | 53 | 32 | 62 | 7.0 | 208 V. 240 V. | 850 | | |
| POM-336B-1 POM-336C-1 | 25 | 20 | 38 | 40 | 32 | 75 | 7.0 | 208 V. 240 V. | 875 | | |
| POM-1406B-1 POM-1406C-1 | 48 | 24 | 36 | 63 | 36 | 73 | 7.0 | 208 V. 240 V. | 1030 | | |

*All models have two doors but no center mullion, except Models POM-333B&C-1 and POM-336B&C-1 which have one door.

SUPPLEMENTARY VOLTAGES

The units tabularized on the preceding page represent the most popular models. But in addition, all are available for 3 Phase operation on 208, 240, and 480 volts. These are listed below. Please note that all dimensions, K.W. ratings and shipping weights are the same as shown in the opposite chart.

**BLUE M OVENS - BENCH MODELS
TEMPERATURE RANGE: TO +204°C. (+400°F.)**

| Model Number | Voltage 60 Hz. A.C. | | |
|--------------|------------------------|--|--|
| POM-143E-1 | 208 V./3 Ph. | | |
| POM-143F-1 | 240 V./3 Ph. | | |
| POM-143G-1 | 480 V./3 Ph. | | |
| POM-203E-1 | 208 V./3 Ph. | | |
| POM-203F-1 | 240 V./3 Ph. | | |
| POM-203G-1 | 480 V./3 Ph. | | |
| POM-253E-1 | 208 V./3 Ph. | | |
| POM-253F-1 | 240 V./3 Ph. | | |
| POM-253G-1 | 480 V./3 Ph. | | |

TEMPERATURE RANGE: TO +343°C. (+650°F.)

| | | | |
|------------|--------------|--|--|
| POM-146E-1 | 208 V./3 Ph. | | |
| POM-146F-1 | 240 V./3 Ph. | | |
| POM-146G-1 | 480 V./3 Ph. | | |
| POM-206E-1 | 208 V./3 Ph. | | |
| POM-206F-1 | 240 V./3 Ph. | | |
| POM-206G-1 | 480 V./3 Ph. | | |
| POM-256E-1 | 208 V./3 Ph. | | |
| POM-256F-1 | 240 V./3 Ph. | | |
| POM-256G-1 | 480 V./3 Ph. | | |

**BLUE M OVENS - FLOOR MODELS
TEMPERATURE RANGE: TO +204°C. (+400°F.)**

| Model Number | Voltage 60 Hz. A.C. | | |
|--------------|------------------------|--|--|
| POM-133E-1 | 208 V./3 Ph. | | |
| POM-133F-1 | 240 V./3 Ph. | | |
| POM-133G-1 | 480 V./3 Ph. | | |
| POM-333E-1 | 208 V./3 Ph. | | |
| POM-333F-1 | 240 V./3 Ph. | | |
| POM-333G-1 | 480 V./3 Ph. | | |
| POM-1403E-1 | 208 V./3 Ph. | | |
| POM-1403F-1 | 240 V./3 Ph. | | |
| POM-1403G-1 | 480 V./3 Ph. | | |

TEMPERATURE RANGE: TO +343°C. (+650°F.)

| | | | |
|-------------|--------------|--|--|
| POM-136E-1 | 208 V./3 Ph. | | |
| POM-136F-1 | 240 V./3 Ph. | | |
| POM-136G-1 | 480 V./3 Ph. | | |
| POM-336E-1 | 208 V./3 Ph. | | |
| POM-336F-1 | 240 V./3 Ph. | | |
| POM-336G-1 | 480 V./3 Ph. | | |
| POM-1406E-1 | 208 V./3 Ph. | | |
| POM-1406F-1 | 240 V./3 Ph. | | |
| POM-1406G-1 | 480 V./3 Ph. | | |

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