

## Premium Large Muffle

### Robust Design for Industrial Applications

- 1200°C max. temperature
- 864 cubic inch capacity
- ★ 24 Month Warranty

#### Product Description

- Four heating elements are located on top, bottom, and sides of chamber for enhanced temperature uniformity.
- Built-in vent port removes undesirable contaminants and moisture; extends the life span of the element and unit.
- The rear of the chamber incorporates a 0.38" (0.95 cm) diameter port for monitoring chamber temperatures with independent measuring devices.

#### Safety

- Optional stainless steel shelf doubles load capacity (maximum temperature of 900°C).
- Door safety switch protects operator by removing power to the heating elements upon opening the door.
- Thermocouple break protection cuts power to the heating elements, prevents a thermocouple failure runaway condition.
- Models F6010 and F6018 are supplied with cord and plug set, all others require conduit connection.

#### Applications

- Ashing organic & inorganic samples
- Gravimetric analysis

### PRODUCT SPECIFICATIONS

Type	Chamber Dimensions Inches (cm)			Overall Dimensions Inches (cm)			Chamber cu. in. (liters)	Chamber Uniformity at 1000°C	Chamber Stability at 1000°C	Shipping Weight Lb. (kg)
	W	H	D	W	H	D				
F6000	12.8 (33)	6.8 (18)	10 (25)	19.1 (48.5)	21 (53.3)	29.5 (74.9)*	864 (14)	± 2.2°	± 0.2°	134 (60.8)

\*Dimensions are with door open.

### ORDERING INFORMATION

Model #	Electrical (50/60 Hz)			Operating Temp Range		Temp Control Group
	Volts	Amps	Watts	°C	°F	
F6018	208	11.2	2325	100-1200	212 - 2192	A1
F6010	240	12.9	3095	100-1200	212 - 2192	A1
F6028C	208	19.2	4000	100-1200	212 - 2192	B1
F6020C	240	18.3	4400	100-1200	212 - 2192	B1
F6020C-33'	240	18.3	4400	100-1200	212 - 2192	B1
F6028C-80	208	19.2	4000	100-1200	212 - 2192	C1
F6020C-80	240	18.3	4400	100-200	212 - 2192	C1
F6020C-33-80'	240	18.3	4400	100-1200	212 - 2192	C1
F6038CM	208	19.2	4000	100-1200	212 - 2192	D1
F6030CM	240	18.3	4400	100-1200	212 - 2192	D1
F6030CM-33'	240	18.3	4400	100-1200	212 - 2192	D1

\* CE marked. All models are CSA listed



CE

SP

Type F6000

#### Operation

- Four temperature controller models:
  - A1:** Digital single set point control. A single display shows actual temperature or set point.
  - B1:** Digital single set point control with a single ramp to set point and a dwell. A single display shows Actual temperature or set point. The furnaces that use this control also utilize a mechanical Over Temperature Protection relay.
  - C1:** Digital programmable control with one stored program of 8 segments. The furnaces that use this control also utilize a mechanical Over Temperature Protection relay.
  - D1:** Digital programmable control with 4 stored programs, 16 segments per program. The controller also includes RS232 communications. The furnaces that use this control also utilize a mechanical Over Temperature Protection relay.

### ACCESSORIES

Model #	Description	Overall Dimensions Inches (cm)		
		W	H	D
PH177X1	Hearth Tray	10.75 (27.3)	.75 (1.9)	9 (22.8)
PHX1	Hearth Tray	4 (10.1)	.5 (1.27)	3.25 (8.2)
PHX2	Hearth Tray	3.8 (9.6)	.75 (1.9)	8 (20.3)
SH408X1	Stainless Steel Shelf	12.8 (33)		8.3 (21)
JSX16	Porcelain Pegs for Shelf (4-required)			
AY408X1A	Stainless steel flexible exhaust tubing kit; 2.5" I.D. x 5' long for venting fumes to proper exhaust system (includes mounting hardware)			