

Basic Large Muffle

Ideal for Drying and Heat Treating Applications

- 1000°C max. temperature
- 864 cubic inch capacity
- Designed for intermittent use

Product Description

- Oval-shaped heating element is directly embedded in ceramic fiber insulation for even heat distribution throughout chamber.
- Built-in vent port removes undesirable contaminants and moisture; extends the life span of the element and unit.
- All models shipped complete with power cord.
- Configured in °C.
- Calibration port located at the rear of chamber allows easy access for calibration.
- Fan-cooled exterior

Operation

- Self-tuning function allows the control to adjust or "tune" itself for superior temperature accuracy.
- Choose from two control options:
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.



Type F62700



Safety

- Adjustable alarm or Over Temperature Protection (OTP) setting can be used to protect the furnace or loaded chamber from excessive heat.
- 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.

Applications

- Drying and firing of coatings
- Drying and firing decorations on glass
- Heat treating ceramics and tiles
- Heat treating glass

PRODUCT SPECIFICATIONS

Type	Chamber Dimensions Inches (cm)			Overall Dimensions Inches (cm)			Chamber cu. in. (liters)	Shipping Weight Lb. (kg)
	W	H	D	W	H	D		
F62700	11 (28)	7.5 (19)	11 (28)	21.5 (54.6)	14.25 (36.1)	13.75 (34.9)	864 (15)	73 (33)

ORDERING INFORMATION

Model #	Electrical (50/60 Hz)			Operating Temp Range		Group
	Volts	Amps	Watts	°C	°F	
F62735	120	12.4	1488	100 - 1000	212 - 1832	B1
F62730	240	6.2	1488	100 - 1000	212 - 1832	B1
F62730-33 ¹	240	12.4	1488	100 - 1000	212 - 1832	B1
F62735-80	120	12.4	1488	100 - 1000	212 - 1832	C1
F62730-80	240	6.2	1488	100 - 1000	212 - 1832	C1
F62730-33-80 ¹	240	6.2	1488	100 - 1000	212 - 1832	C1

¹ CE marked. All models are CSA listed

ACCESSORIES

Model #	Description	Overall Dimensions Inches (cm)		
		W	H	D
PH421X1	Hearth Tray	4.1 (10.4)	0.5 (1.2)	9.5 (24.1)
AY408X1A	Stainless steel flexible exhaust tubing kit; 2.5" I.D. x 5' long for venting fumes to proper exhaust system (includes mounting hardware)			

For furnace Calibration Verification System, see Pyrometers.

**For heavy ashing procedures
see F6000 furnace, pg. 71
or F30400, pg. 72**