



**PRODUCT BULLETIN**  
**BENCHTOP FURNACES**  
**100°C THROUGH 1,200 °C**

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**PRODUCT DESCRIPTION**

- Heating elements are located on top, bottom, and sides of chamber for enhanced temperature uniformity.
- Venting system is located in top of Chamber to expel contaminants.
- Atmosphere injection is possible with pre-punched ports at rear of furnace.
- Optional stainless steel shelf doubles load capacity (maximum temperature of 900°C).
- All models are equipped with door safety switches to remove power from the heating elements upon opening the door.
- For safety, an open sensor will activate the sensor break protection and remove power to heating elements; eliminates run away conditions.



**OPERATION**

- Four temperature controller models:
  - Control A)** Analog Control holds accurately at one temperature. A single digital display indicates chamber temperature or setpoint.
  - Control B)** Single setpoint, digital control reduces overshoot. Includes OTP alarm.
  - Control C)** 8 segment programmable control. Allows programming the rate of temperature increase and decrease (ramp), and the length of time the temperature holds at specific levels (dwell).
  - Control D)** 16 segment programmable control that includes a RS232 communications port for connecting to printer or computer. Stores up to four programs.
- Models F6010 and F6018 are supplied with cord and plug set, all others require conduit connection.

Modl #	1 Ph Volts	Electrical 50/60 Hz Amps	Watts	Operating Temp Range °C	Temp °F	Control Group
F6018	208	11.2	2325	100-1200	212 -2192	A
F6010	240	10.0	2400	100-1200	212-2192	A
F6010-33	240	10.0	2400	100-1200	212-2192	A
F6028C	208	19.2	4000	100-1200	212-2192	B
F6020C	240	18.3	4400	100-1200	212-2192	B
F6020C-33	240	18.3	4400	100-1200	212-2192	B
F6028C	208	19.2	4000	100-1200	212-2192	C
F6020C	240	18.3	4400	100-1200	212-2192	C
F6020C-33	240	18.3	4400	100-1200	212-2192	C
F6038CM	208	19.2	4000	100-1200	212-2192	D
F6030CM	240	18.3	4400	100-1 200	212-2192	D
F6030CM33240	240	18.3	4400	100-1200	212-2192	D

*-33 Modes are CE Marked,*