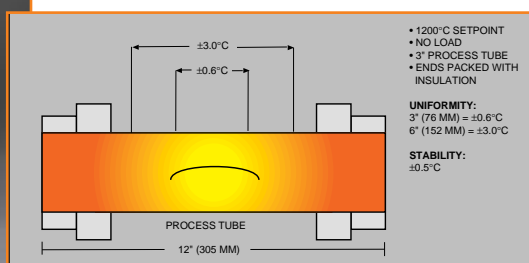# Economy Solid Tube

Type F21100

Solid Tube, Solid Value!

- **1200°C max. temperature range**
- **Operates in horizontal or vertical position**
- **12 inch heated zone**

- 1200°C SETPOINT
- NO LOAD
- 3" PROCESS TUBE
- ENDS PACKED WITH INSULATION

UNIFORMITY:
3" (76 MM) = ±0.6°C
6" (152 MM) = ±3.0°C

STABILITY:
±0.5°C

PROCESS TUBE

12" (305 MM)

Heating Zone Uniformity & Stability

Product Description

- Chamber includes two interchangeable end pieces to accommodate tubes with 1" and 2" diameters.
- Heating elements embedded in ceramic fiber insulation provide rapid chamber heat-up and cool-down.
- Quartz and porcelain tubes (not supplied by Thermolyne) are commonly used with the tube furnace and can be obtained from your local laboratory supplier.
- All models shipped complete with power cord.

- Choose two popular control options:
  Manual controller provides power to heating elements for a certain percentage of time. Temperature is indicated on a dual scale pyrometer.
  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.
- *For Furnace Calibration Verification System, see Pyrometers.*

PRODUCT SPECIFICATIONS

Type	Length	Chamber Dimensions Inches (cm) Accepts Process Tubes	W	Overall Dimensions Inches (cm) H	D	Shipping Weight Lb. (kg)
F21100	12 (30.5)	1 and 2 dia. (2.5 and 5.1)	16 (40.6)	14.63 (37.1)	12 (30.4)	26 (11.8)

ORDERING INFORMATION

Model #	Volts	Electrical (50/60 Hz) Amps	Watts	Operating Temp Range °C	Group	US List Price
F21120	240	5.6	1350	370-1100	Manual	$1,499.00
F21125	120	11.3	1350	370–1100	Manual	$1,471.00
F21120-33[1]	240	5.4	1240	370–1100	Manual	$1,455.00
F21135	120	11.3	1350	100–1200	B1	$1,844.00
F21130	230	5.6	1350	100–1200	B1	$1,844.00
F21130-33[1]	230	5.4	1240	100–1200	B1	$1,844.00

[1] CE marked.
All models are CSA Listed.

REPLACEMENT CHAMBERS

Model #	Volts	Electrical (50/60 Hz) Amps	Watts	US List Price
CS211X6A*	120	11.2	1250	$1,105.70
CS211X5A*	240	5.6	1250	$1,125.90

Replacement chamber only, control not included.