



Type FD1500



## *Rugged Construction, Smaller Chamber!*

- 1200°C max. temperature
- 136 cubic inch capacity
- Durable fire brick insulation surrounds the opening

- Adjustable Alarm or Over Temperature Protection (OTP) setting can be used to protect the furnace or loaded chamber from excessive heat.
- Thermocouple break protection cuts power to the heating elements, prevents a thermocouple failure runaway condition.
- The rear of the chamber incorporates a 0.38" (0.95 cm) diameter port for monitoring chamber temperatures with independent measuring devices.
- No power cord supplied with 120V models. Electrical connection requires fixed wiring. Power cord supplied with 240V models.

## Product Description

- Counter-weighted door swings upward, directing heat away from operator.
- Heavy-duty firebrick insulation surrounds chamber opening for added durability.
- Four individual embedded elements in special refractory cement permit excellent heat distribution in the chamber.
- Door safety switch protects operator by removing power to the heating elements upon opening the door.

## Operation

- 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.

## 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		
FD1500	4 (10.1)	3.75 (9.5)	9 (22.8)	11 (27.9)	16.5 (41.9)*	18 (45.7)	136 (2.2)	52 (23.5)

\*Height with door closed. Height with door open = 25" (63.5 cm)

## ORDERING INFORMATION

Model #	Electrical (50/60 Hz)			Operating Temp Range °C	Temp Control Group
	Volts	Amps	Watts		
FD1535M <sup>2,3</sup>	120	18.6	2230	100-1200	B1
FD1530M <sup>2,3</sup>	240	9.3	2230	100-1200	B1
FD1545M <sup>2,3</sup>	120	18.6	2230	100-1200	C1
FD1540M <sup>2,3</sup>	240	9.3	2230	100-1200	C1
FD1530M-33 <sup>1,2,3</sup>	220	6.5	1560	100-1200	B1
FD1540M-33 <sup>1,2,3</sup>	220	6.5	1560	100-1200	C1

## ACCESSORIES

Model #	Description	Overall Dimensions Inches (cm)		
		W	H	D
PHX1	Hearth Tray	4 (10.1)	0.5 (1.3)	3.3 (8.2)
PHX2	Hearth Tray	3.9 (9.6)	0.75 (1.9)	8 (20.3)

<sup>1</sup> CE, <sup>2</sup> CUL, <sup>3</sup> UL