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# General Specifications

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## Type F47900 Models

### Dimensions in Inches (cm):

Chamber: 5 (12.7) W x 4 (10.2) H x 6 (15.2) D  
Overall: 11.25 (28.6) W x 18 (45.7) H x 15.5 (39.4) D

**Weight:** 37 lb. (16.8 kg)

### Electrical Ratings:

Volts:	220-240	100	120
Amps:	4.2	7.5	8.3
Watts:	1000	750	1000
Frequency:	50/60	50/60	50/60
Phase:	1	1	1

### Temperature:

Operating Range: 2000°F (1093°C) continuous  
2192°F (1200°C) intermittent

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## Type F48000 Models

### Dimensions in Inches (cm):

Chamber: 7 (17.8) W x 5 (12.7) H x 10 (25.4) D  
Overall: 13.25 (33.7) W x 19 (48.3) H x 19.5 (49.5) D

**Weight:** 56 lb. (25.4 kg) (all models except -33)  
58 lb. (26.3 kg) (-33 models only)

### Electrical Ratings:

Volts:	220-240	120	208	100	220-240*
Amps:	7.5	14.5	15	14.5	6.5*
Watts:	1800	1500	1560	1450	1560*
Frequency:	50/60	50/60	50/60	50/60	50/60*
Phase:	1	1	1	1	1*

\* -33 models only

### Temperature:

Operating Range: 2000°F (1093°C) continuous  
2192°F (1200°C) intermittent

Environmental Conditions

Operating: 17°C to 27°C; 20% to 80% relative humidity, non-condensing. Installation Category II (overvoltage) in accordance with IEC 664. Pollution degree 2 in accordance with IEC 664.  
Altitude Limit: 2,000 meters.  
Storage: -25°C to 65°C; 20% to 80% relative humidity

Declaration of Conformity

Barnstead International hereby declares under its sole responsibility that this product conforms with the technical requirements of the following standards (220-240 Volt Models Only):

EMC:	EN 50081-1	Generic Emissions Standard
	EN 50082-2	Generic Immunity Standard
Safety:	EN 61010-1	Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use; Part I: General Requirements
	EN 61010-2-010	Part II: Particular Requirements for Laboratory Equipment for the Heating of Materials

per the provisions of the Low Voltage Directive 73/23/EEC, as amended by 93/68/EEC.

The authorized representative located within the European Community is:

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Copies of the Declaration of Conformity are available upon request.