



1 Features

- These muffle furnace are made of ceramic mold insulation and double walled construction, minimize exterior surface temperature and provides extended heating element-life
- Microprocessor PID control with auto tune function prevents overshooting of set temperature
- 3 sides wall heating element maintain temperature uniformity $\pm 5^{\circ}\text{C}$
- An air vent on the top of furnace ; an atmosphere inlet lets you purge inner gases and check temperature
- A door switch cut power to heating element when the door is opened minimizing you exposure to hot temperature.

2 Specifications

| Model | | DMF-03 | DMF-05 | DMF-12 | DMF-27 | DMF-64 | DMF-125 |
|-------------------|------------|--|-------------|-------------|-------------|-------------------------|--------------|
| Capacity | | 2.9 liter | 4.5 liter | 12 liter | 27 liter | 64 liter | 125 liter |
| Chamber (WxBxH)mm | | 130x250x90 | 150x300x100 | 200x300x200 | 300x300x300 | 400x400x400 | 500x500x500 |
| Temp. | Range | 100 - 1200 $^{\circ}\text{C}$ | | | | | |
| | Sensor | CA type thermocouple | | | | | |
| Timer | | Digital / 99hr,59 min | | | | | |
| Heating | Element | Electric sheath heater | | | | | |
| | Power | 2.2 Kw | 2.6 Kw | 4.4 Kw | 6.2 Kw | 11.1 Kw | 21 Kw |
| Material | Exterior | Powder coated steel plate | | | | | |
| | Insulation | Ceramic mold & board | | | | | |
| Door | | Steel plate with ceramic mold | | | | | |
| Control & Display | | Microprocessor control & LED display, Temp,Time, Heater On/Off | | | | | |
| Safety Device | | Over temp. limiter & alarm, Air vent on the top | | | | | |
| Power Source | | 220VAC, 50/60Hz, single phase | | | | 220VAC,50/60Hz, 3 phase | |
| Overall (WxDxH)mm | | 410x485x510 | 420x560x535 | 500x550x580 | 580x590x740 | 670x630x850 | 880x890x1040 |
| Weight (Kg) | | 30 | 35 | 45 | 65 | 100 | 140 |

- 3 Options : Programmable microprocessor control