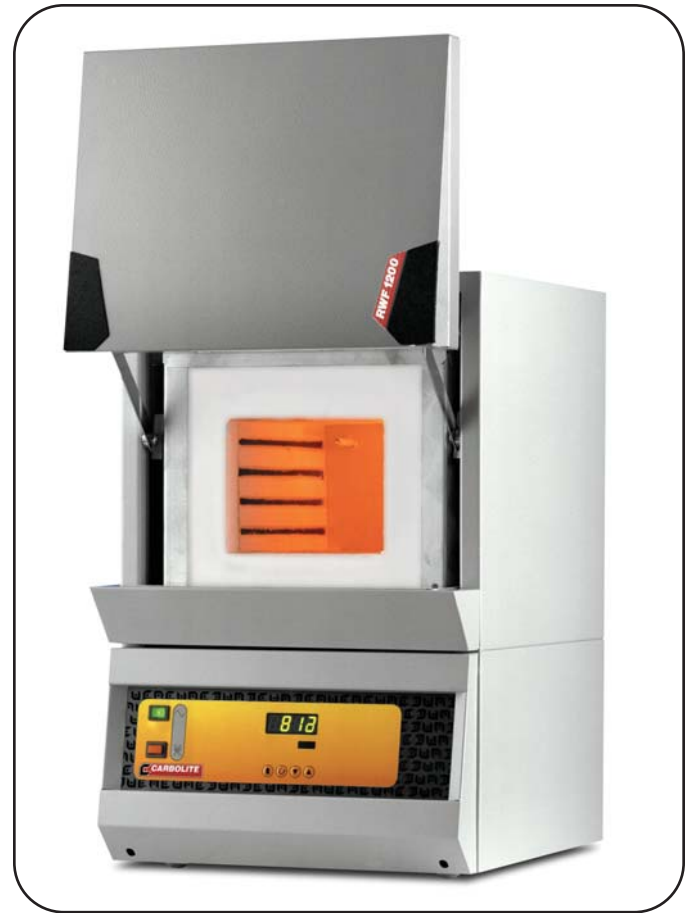




General Features

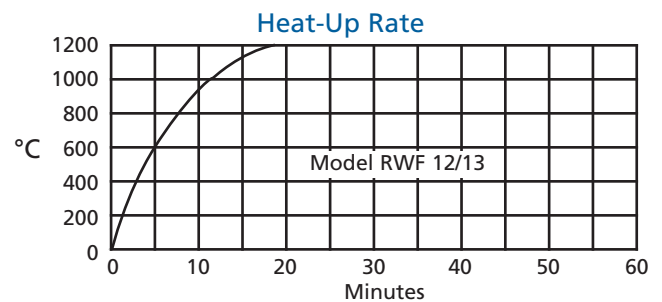
- Maximum operating temperatures of 1100°C or 1200°C.
- Three chamber sizes available.
- Extremely fast heat-up rates provided by two high power side heating elements.
- Graded element winding and free radiating coil design provide excellent chamber uniformity.
- Vertical lift door design keeps hot door insulation away from operator.
- Holding Power of 20-25% for RWF furnaces reduces energy costs.
- Positive break door safety switch isolates power to the heating elements when door is opened.
- High efficiency low mass vacuum formed ceramic fiber insulation greatly enhances furnace performance.
- Hard ceramic hearth provides excellent resistance to wear and spillage.
- Chamber vent provides for process exhaust.
- Low outer case temperature provided through double shell construction.
- Choice of Model 301 control or programmers.
- Small case size conserves bench space.
- Serviceability is aided by the furnace's mechanical and electrical design.
- Choice of multiple accessories and options. (See pages 43-46)



RWF 12/5/301

TYPICAL BOX FURNACE APPLICATIONS

- | | |
|--------------------|-------------|
| • Material Testing | • Tempering |
| • Heat Treating | • Sintering |
| • Annealing | • Melting |
| • Fusions | • Curing |
| • Hardening | • Drying |



1100°C & 1200°C Rapid Heating Box Furnaces

| Furnace Model | Max. Temp. (°C) | Internal Chamber Dimensions Inches (mm) | | | External Dimensions Inches (mm) | | | TC Type | Max. Power (kW) | Furnace Voltage | Shipping Weight (lb.) |
|---------------|-----------------|---|-------------|-------------|---------------------------------|-------------|-------------|---------|-----------------|-----------------|-----------------------|
| | | Height | Width | Depth | Height | Width | Depth | | | | |
| RWF 11/5 | 1100 | 5.25 (130) | 6.25 (160) | 10.00 (250) | 23.50 (585) | 14.75 (375) | 19.00 (485) | K | 2.75 | 208/240 | 73 |
| RWF 11/13 | 1100 | 7.75 (195) | 8.25 (210) | 13.00 (325) | 25.75 (655) | 17.25 (435) | 24.00 (610) | K | 5.0 | 208/240 | 117 |
| RWF 11/23 | 1100 | 8.75 (220) | 10.25 (260) | 15.75 (400) | 27.75 (705) | 20.00 (505) | 26.50 (675) | K | 9.1 | 208/240 | 168 |
| RWF 12/5 | 1200 | 5.25 (130) | 6.25 (160) | 10.00 (250) | 23.50 (585) | 14.75 (375) | 19.00 (485) | R | 2.75 | 208/240 | 73 |
| RWF 12/13 | 1200 | 7.75 (195) | 8.25 (210) | 13.00 (325) | 23.75 (655) | 17.25 (435) | 24.00 (610) | R | 5.0 | 208/240 | 117 |
| RWF 12/23 | 1200 | 8.75 (220) | 10.25 (260) | 15.75 (400) | 27.75 (705) | 20.00 (505) | 26.50 (675) | R | 9.1 | 208/240 | 168 |

Specify voltage at time of order.
Continuous operating temperature is 100°C below maximum temperature.

Furnaces operate on single phase voltage.