

**MODEL TF-243624-ATM INERT ATMOSPHERE TEMPERING FURNACE, Serial No. 740007**  
for heat treating weldments

- maximum operating temperature: 1400°F
- workspace dimensions: 24" wide x 36" deep x 24" high
- 42 KW installed in nickel chrome wire coils supported by a stainless steel frame
- heat resistant alloy recirculating blower powered by a 5-HP motor providing vertical upward airflow
- 7" thick insulated walls comprised of 1" of 2300°F ceramic fiber blanket, 2" of 1700°F ceramic fiber blanket, 2" of block insulation and 2" of rockwool insulation; 6<sup>1</sup>/<sub>2</sub>" thick floor comprised of 4<sup>1</sup>/<sub>2</sub>" 2300°F firebrick, 2" block insulation
- stainless steel subway grating hearth
- 16 ga. stainless steel interior lagging
- electrically operated vertical lift door
- automatic door switch to shut off heaters when door is opened
- inert atmosphere construction including continuously welded outer shell, high temperature door gasket, sealed heater terminal boxes, inert atmosphere inlet, inert atmosphere outlet
- inert atmosphere flow meter
- digital programming temperature controller



**THE GRIEVE CORPORATION**

500 Hart Road, Round Lake, Illinois 60073-2898 USA  
(847) 546-8225 Fax: (847) 546-9210

**No.885**