

MODEL TF-487248-ATM INERT ATMOSPHERE TEMPERING FURNACE, Serial No. 114536A0315 for heat treating

- maximum operating temperature: 1400°F
- workspace dimensions : 48" wide x 72" deep x 48" high
- 120 KW installed in nickel chrome wire coils supported by a stainless steel frame
- 9600 CFM heat resistant alloy recirculating blower powered by a 15-HP motor providing vertical upward air flow
- 7" thick insulated walls comprised of 5" thick 2300°F ceramic fiber blanket and 2" 1900°F block insulation
- inner walls clad with 304 stainless steel; 304 stainless steel duct work
- stainless steel subway grating hearth
- 1/4" plate steel exterior reinforced with structural steel
- 1/2" steel face plate at doorway
- air operated vertical lift door
- 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 and manual gas valve
- digital indicating temperature controller
- manual reset excess temperature controller with separate contactors
- recirculating blower air flow safety switch
- digital batch timer with alarm



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