

MODEL HD-304830 INERT ATMOSPHERE FURNACE, Serial No. 80263A0504

for heating fabricated parts with inert atmosphere

- maximum operating temperature: 2000° F
- work space dimensions: 30" wide x 48" deep x 30" high
- 57 KW installed in nickel chrome wire coils supported by vacuum formed ceramic fiber
- roof mounted heat resisting alloy circulating fan powered by a 2 HP motor with V-belt drive
- 7" thick insulated walls comprised of 5" of 2300° F ceramic fiber and 2" of 1700° F ceramic fiber; 7 1/2" floor insulation comprised of 4 1/2" of 2300° F firebrick and 3" of 2300° F block insulation
- alloy roller rail supported by firebrick piers
- alloy loading fixture with five (5) 200 lbs. capacity alloy shelves
- external support rack to hold loading fixture in front of furnace
- electrically 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 pressure regulator
- digital programming temperature controller
- manual reset excess temperature controller with separate contactors
- strip chart recorder



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