

## MODIFIED MODEL HY-650 WITH INERT ATMOSPHERE CONSTRUCTION

Serial No. 750011

for processing corrosive materials

- maximum operating temperature: 650°F
- workspace dimensions: 38" wide x 50" deep x 38" high
- 40 KW installed in Incoloy sheathed tubular heating elements
- 2000 CFM, 2-HP recirculating blower providing horizontal airflow
- 6" insulated walls
- aluminized steel exterior
- Inconel 600 interior with continuously backwelded seams
- special exterior paint
- inert atmosphere construction including pressure regulator, flow meter, pressure gauge, internal high temperature gasket, all welded expansion connection in doorway throat, air jacket on inner oven for cooling, 1/2" thick cellular silicone rubber atmosphere seal, blower shaft seal, positive latching door hardware, adjustable offset door hinges, outlet with pressure relief, interior seams welded gas-tight, all wall penetrations fitted with compression fittings

- 650 CFM blower to pull air through air jacket on inner oven for cooling with automatic dampers
- hinged door jacket with 4" diameter connector to allow jacket to be ventilated
- Eurotherm 818 programming temperature controller
- SCR power controller
- Eurotherm 93 manual reset excess temperature controller
- fused disconnect switch
- sixteen (16) pairs of shelf supports to support thirty-two (32) Inconel 600 pans -- two (2) on each level
- loading truck tracks on floor of workspace



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