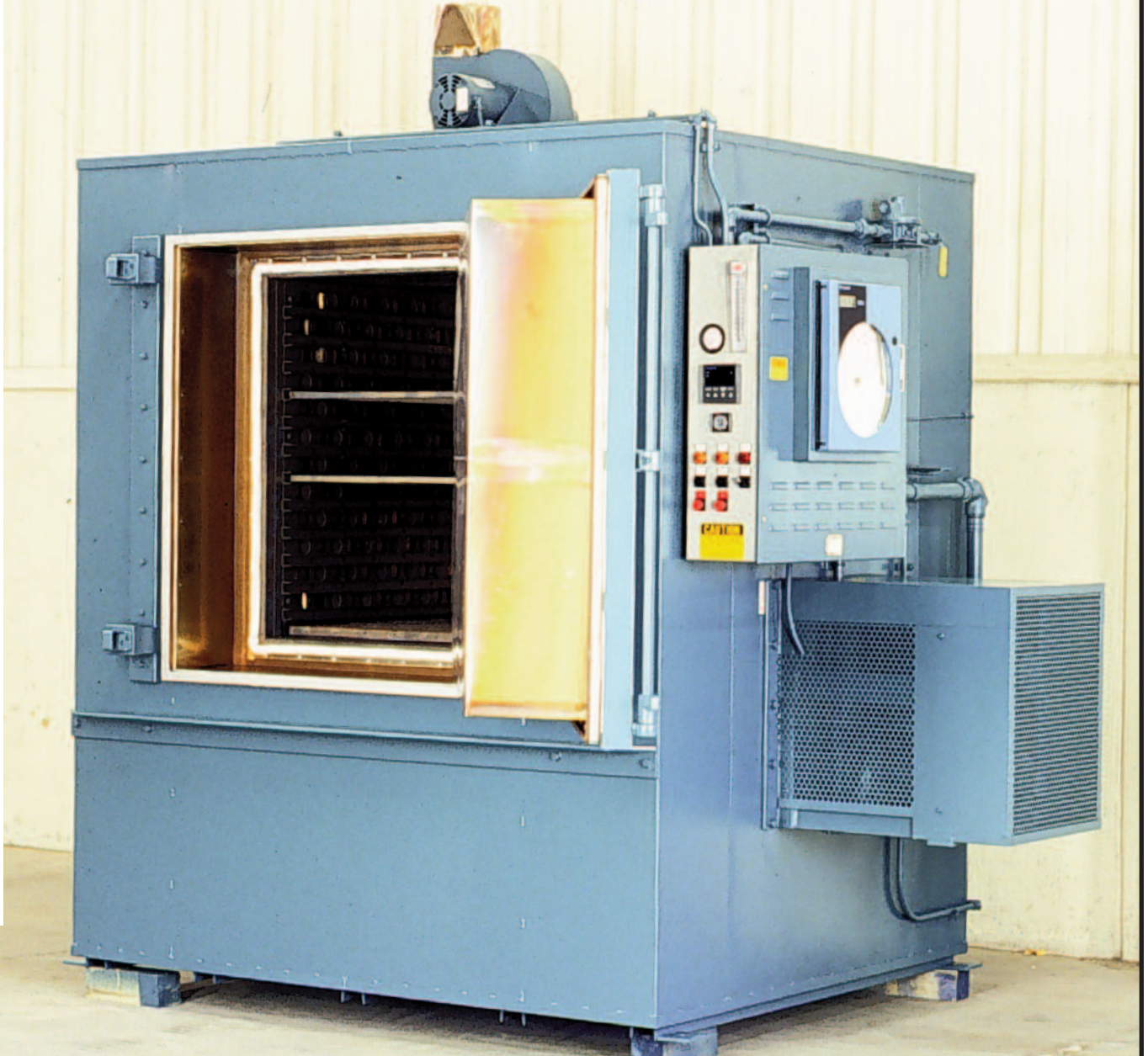


**INERT ATMOSPHERE MODEL HB-1250 HIGH TEMPERATURE CABINET OVEN Serial No. 520097**  
for heat treating

- maximum operating temperature: 1250°F
- workspace dimensions: 38" wide x 26" deep x 38" high
- 40 KW installed in Incoloy sheathed tubular heating elements
- 1500 CFM, 1½ HP recirculating blower providing horizontal airflow
- 10" thick insulated walls comprised of 2" of 1900°F block and 8" of 10 lb./cf density rockwool
- Type 304, 2B finish stainless steel interior with continuously backwelded seams
- inner and outer door gaskets; inner gasket seals directly against door plug; outer gasket seals directly against front face of oven
- 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, ½" 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
- 325 CFM blower to pull air through air jacket on inner oven for cooling
- heating/cooling temperature controller to control heating elements for heating and modulating damper on cooling blower for cooling
- SCR power controller
- circular chart recorder



**THE GRIEVE CORPORATION**

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

**No.855**