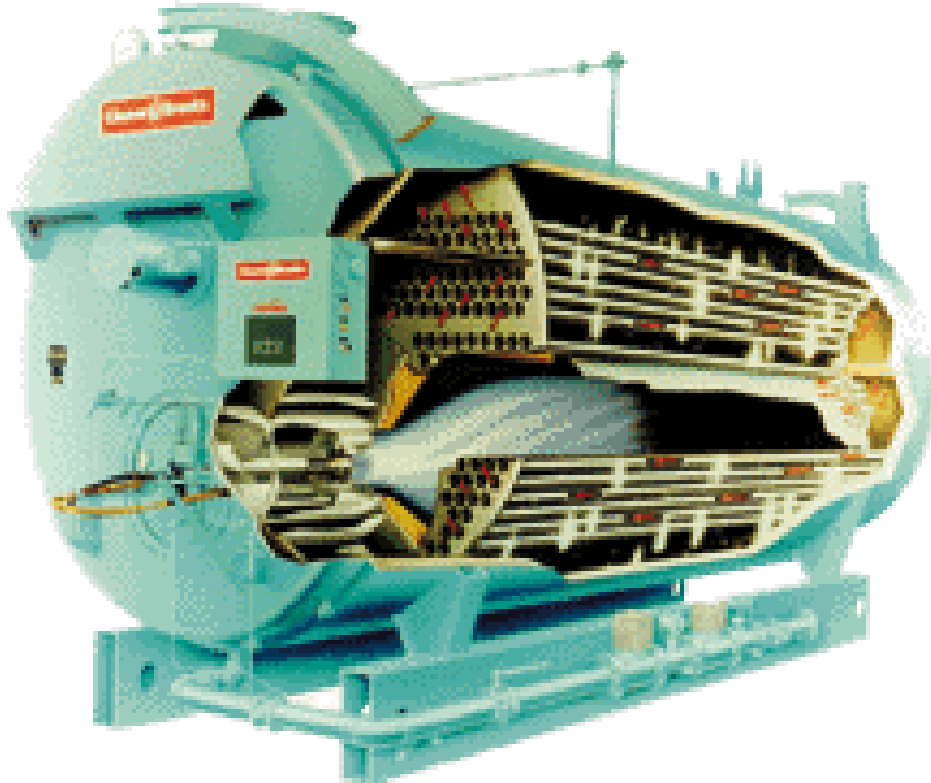




Unit No. B-878: 100 Hp, 350 PSIG D.P., Natural Gas



Cleaver Brooks Packaged Firetube Boiler; model CB700-100, constructed in 2002 in accordance with the ASME Code; Section I, for a design pressure of 350 PSIG and National Board Certified. Unit is a four-pass dryback design with 500 square feet of fireside heating surface. The shell is insulated with two inches of compressed fiberglass and covered with a heavy gauge sheet steel casing. The fully modulating forced draft burner is integrally mounted, piped and wired on the boiler front allowing for ease of flame observation, set-up and maintenance. Valve trim, controls and auxiliary equipment include;

- **Water Column** with sight glass, gauge cocks, tricocks and blowdown valves
- **Primary Low Water Cut-off** and feed pump control
- **Secondary Low Water cut-off**
- **Boiler Valve Trim** including; feedwater stop and check valving, blowdown and blow-off valves, vent valve and safety relief valves per ASME code
- **Front and rear hinged covers**
- **Pressure Gauge** and stack thermometer
- **Boiler/Burner Control Center** consisting of a *Fireye E-110* primary flame control and detector, motor starters, relays, limit switches, alarm bell, indicating lights, control circuit transformer and manual potentiometer for manual firing rate adjustment
- **Steam Pressure Limit Switches**; operating limit, safety limit with manual reset, low fire hold control and modulating steam pressure controller
- **FM Insurance & GE Cap Global** approvals,
- **CSD-1 Safety Code** standards and U.L. Labeling

Connections:

Steam - 2" X 300#	Natural Gas - 2.0" NPT	Blowdown - 1.25" NPT	Electric - 460V/3/60
Feedwater - 1.25" NPT	#2 Oil, S & R - N/A	Blow-off - 1.0" NPT	Exhaust - 12" Dia.

Dimensions: 15' 07" Long x 5' 06" Wide x 6' 00" High. **Shipping Weight** – 15,000 Lbs, **Operating Weight** - 20,500 Lbs.

This unit is offered fully reconditioned and shop tested with a one-year limited parts warranty, subject to prior sale or rental.