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## 90,000 pph, 250 psig Indeck D-Type Package Watertube Boiler

One (1) 90,000 PPH 250 psig saturated steam, package watertube boiler is set to burn natural gas (#2 oil is optional). It was originally built in 2012 and includes the following components:

- Low NOx Burner
- Economizer
- Burner Management System
- Parallel Positioning Combustion Controls
- Forced Draft Fan, Motor & Starter
- Complete Fuel Train & Pilot Ignition System
- Water Column & Site Glass
- Steam Pressure Gauge
- Low-water Cutoffs
- Safety Valves
- Feedwater Stop & Check Valves
- Blowdown Valves
- Continuous Blowdown Metering Valve
- Chemical Feed Valve
- Single Element Feedwater Regulator with Pre-piped 3-Valve Bypass
- Steam Non-return Valve
- FGR Ductwork (loose)
- Stack (loose)
- NEMA 4 Electrical Enclosures
- Separate Fuel Oil Skid for #2 Oil Firing (optional)
- Ultra Low NOx CataStak™ SCR System (optional)
- Weatherproofed (except for freezing)
- ASME, FM, NFPA 85 & GE Gap Insurance Compliant
- Electronic Operating Manuals



### Fuel Consumption:

Natural Gas: 109,900 SCFH @ 15-25 psi reg.  
 #2 oil (optional) 700 GPH

### Connection Sizes:

Main Steam: 8"-300# FLG  
 Natural Gas: 4"-150# FLG  
 #2 oil supply/return 1½"-150# FLG / ¾"-150# FLG  
 Feedwater: 3"-300# FLG  
 Bottom Blowdown: 1½"-300# FLG  
 Continuous Blowdown: 1" NPT  
 Chemical Feed 1" NPT  
 Atomizing Steam: 1"-150# FLG  
 Instrument Air: ½" NPT  
 Water Column Drain: ¾" NPT

### Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 250 AMPS

### Dimensions & Weights:

Length / Width / Height: 32' 7" / 11' 5" / 14' 6"  
 Shipping Weight: 105,000 lbs  
 Operating Weight: 136,500 lbs

### Emissions Data (natural gas):

NOx (corr. to 3% O<sub>2</sub>): 30 ppm  
 CO (corr. to 3% O<sub>2</sub>): 50 ppm

Ask About Our **Green Solutions**

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 Ultra Low NOx Solutions

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 Energy Saving Solutions

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