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75,000 pph, 350 psig Indeck D-Type Package Watertube Boiler

One (1) 75,000 PPH, 350 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" NPT/ ¾" NPT
 Feedwater: 2½"-300# FLG
 Bottom Blowdown: 1½"-300# FLG
 Continuous Blowdown: 1" NPT
 Chemical Feed 1" NPT
 Atomizing Steam: 1½"-150# FLG
 Instrument Air: 1½" NPT
 Water Column Drain: ¾" NPT

Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 250 AMPS

Dimensions & Weights:

Length / Width / Height: 54' 7" / 10' 8" / 14' 7"
 Shipping Weight: 90,000 lbs
 Operating Weight: 110,000 lbs

Emissions Data (natural gas):

NOx (corr. to 3% O₂): 30 ppm
 CO (corr. to 3% O₂): 50 ppm

Ask About Our **Green Solutions**

CataStak™
 Ultra Low NOx Solutions

EconoStak™
 Energy Saving Solutions

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* Actual Equipment may differ from listed specification. Please consult Nationwide Boiler Inc. for additional details.