

## 75,000 PPH Low NOx 750 PSIG / 750° F Superheat Trailer-Mounted Boiler

Indeck's packaged watertube boiler is capable of generating 75,000 pounds per hour of superheated steam, 750 psig/750° F design, constructed in accordance with the ASME Code, meets FM/IRI Insurance Standards and NFPA 85, NEMA 4 electrical enclosures, set to fire natural gas or #2 oil, comes complete with manufacturer's standard boiler trim, Low NOx burner and combustion controls. Superheat boiler includes:

- Parallel Positioning or Fully-Metered
- Three-Element Feedwater Control
- Complete Fuel Train & Pilot Ignition System
- BMS/Combustion Controls
- Water Column and Site Glass
- Steam Pressure Gauge
- Low-Water Cutoffs
- FW Stop & Check Valves
- Tandem Blowdown Valves
- Continuous Blowdown Metering Valve
- Chemical Feed Valve
- FW Regulator w/ Pre-piped Three-Valve Bypass
- Steam Non-Return Valve
- Steam Drum Safety Valves
- Superheater Safety Valve
- Forced-Draft Fan, Motor, Starter
- Stack & Transition Assembly
- Economizer w/ Inlet and Outlet Piping
- Low NOX I-SCR System (optional)

### Dimensional Information:

Boiler Width (W/O FGR / W/ FGR) 11'-4.25" / 13'-11"  
Boiler Length (Less Trailer) 43'-0"  
Shipping Weight (Less Trailer) 95,000 LBS



### Boiler Information

Design Pressure	750 PSIG
Operating Pressure (min.- max.)	300-675 PSIG

### Gas Fired Requirements

Gas Consumption (at MCR)	106,000 SCFH
Gas Supply Pressure Required at Connection	15 PSIG (Constant)

(Regulator not Included)

### Oil Fired Requirements (#2 Oil Only)

Oil Consumption (at MCR)	715 GPH
Oil Supply Pressure at Oil Pump Outlet (min.- max.)	115 PSIG (Constant)

### Pilot Gas Pressure Required

for Oil Start-up	15 PSIG (Constant)
Atomizer Steam	1,238 PPH

@90 PSIG (by Indeck)

### Feedwater Requirements

Feedwater Pressure	200-230 PSIG
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(Above Operating Steam Drum Pressure)

Minimum Feedwater Temperature	227°F (Deaerated)
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\* Emissions Information Upon Request

211L & 212L

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