

90,000 PPH, 395 PSIG, SATURATED

One (1) new/unused Indeck stock packaged watertube boiler is capable of generating 90,000 PPH of saturated steam (84,000 PPH without use of an economizer), 395 psi design pressure, 100-350 psig operating pressure range, constructed in accordance with the ASME Code, model Indeck D3-90-L, D-type configuration, set to fire either natural gas or #2 fuel oil, and comes complete with manufacturer's standard boiler trim, burner, forced draft fan & motor, combustion controls, operation & maintenance manuals, including but not limited to the following components:

- Packaged Low NOx Burner
- Forced-draft Fan & Motor
- BMS/Combustion Controls
- Water Column and Site Glass
- Steam Pressure Gauge
- Low-water Cutoffs
- Safety Relief Valves
- FW Regulator w/pre-piped three-valve Bypass
- FW Stop & Check Valves
- Bottom Blowdown Valves
- Continuous Blowdown Metering Valve
- Chemical Feed Valve
- Mud Drum Heating Coil
- Complete Fuel Train & Pilot Ignition System
- NEMA 4 Electrical Enclosures
- Meets FM/IRI Insurance Standards and NFPA 85
- Weatherproofed (except for freezing)
- FGR Damper, Expansion Joint, & Ductwork
- Stub Stack
- Economizer

Optional Equipment

- Steam Non-Return Valve
- Stop Valve
- A.S.M.E. Spool



Boiler Information

Design Pressure	395 PSIG
Operating Pressure (<i>min.- max.</i>)	100-350 PSIG

Natural Gas Fired Requirements

Consumption (<i>at MCR</i>)	109,780 SCFH
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Oil Fired Requirements (#2 Oil Only)

Consumption (<i>at MCR</i>)	747 USGPH
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Feedwater Requirements

Minimum Feedwater Temperature	240°F (<i>Deaerated</i>)
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Boiler Dimensional

Information:

Width	137.75"
Length (drum weld line to weld line)	282.00"
Length (overall w/burner)	408.00"
Height	171.50"
Shipping Weight	105,000 LBS

Indeck Power Equipment Company for Single Source Worldwide Solutions...

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