



MAIN FEATURES:

- Control Systems and Panels
- Tri-Fuel Handling Equipment
- Feedwater Tank and Pump
- Stack Domestic Hot Water Coils
- 280 Gallon Oil Tank

GENERAL INFORMATION	
Rental Category	Portable Boiler System
Boiler Type	Section IV
Boiler Size	50 BHP (490 KW)
Max Output Capacity	1,725 PPH (0.78 T/H)
Max Pressure (LPS)	15 PSIG (1 BARG)
Max Pressure (HHW)	30 / 100 PSIG (2.1 / 6.9 BARG)*
Max Pressure (DHW)	75 / 100 / 300 PSIG (5.2 / 6.9 / 20.1 BARG)*
Fuel(s)	NG / #2 Oil / Propane
Service	LPS / DHW / HHW
NOx Emission Rating	75 PPM

DIMENSIONS	
Overall Length	24' 09" (7.5 M)
Overall Width	08' 00" (2.4 M)
Overall Height	11' 04" (3.4 M)
Shipping Weight	14,000 LBS (6,350 KGS)
Operating Weight	18,100 LBS (8,210 KGS)

OUTPUT SPECIFICATIONS	
Operating Range	0 - 12 / 0 - 95 PSIG (0 - 0.8 / 0 - 6.5 BARG)
Turndown (All Fuels)	LHL Operation
Steam Quality	99.50%
Efficiency (NG / #2 Oil)	80% - 82%
HHW Design Flow	165 GPM @ 20°F ΔT (625 LPM @ 11°C ΔT)
DHW Design Flow	30 GPM @ 100°F ΔT (113 LPM @ 55°C ΔT)

INPUT SPECIFICATIONS	
City Water	7.5 GPM @ 50 PSIG (28.4 LPM @ 3.5 BARG)
Electricity	120 / 1 / 60 @ 30 A
Fuel Input	2.09 MMBTU/HR (613 kW)
NG Flow	1,049 - 2,092 CFH (495 - 987 LPM)
NG Pressure	0.22 - 0.51 PSIG / 6 - 14" WC (1.52 - 3.52 kPa)
#2 Oil Flow	8.5 - 14.9 GPH (32.18 - 56.4 LPH)
#2 Oil Pressure	Use Onboard Oil Pump
Pilot	Propane Tank Included
Fuel Oil Tank	280 GAL (1,060 L)

CONNECTIONS	
Steam Outlet	4" 150# FLG
HHW Supply / Return	4" 150# FLG
Stack Exhaust	12" Ø
City Water	1" NPT
Condensate Return	1.25" NPT
Natural Gas	2" 150# FLG
Fuel Oil Supply/Return	0.75" NPT
System Drain	1.5" NPT
Electrical	1" NPT

*Based on availability of boiler variant(s)

Version: North America 03/27/2023