



**MAIN FEATURES:**

- Boiler and Burner Package
- Control Systems and Panels
- Fuel Handling Equipment
- Feedwater Tank and Pump
- Water Softener with Chemical Tank and Pump
- Blowdown Separator
- Maintenance Accessibility

| GENERAL INFORMATION        |                        |
|----------------------------|------------------------|
| Rental Category            | Portable Boiler Room   |
| Boiler Size                | 650 BHP (6.4 MW)       |
| Max Output Capacity        | 22,425 PPH (10.17 T/H) |
| Max Pressure (Steam/Water) | 250 PSIG (17.2 BARG)   |
| Fuel(s)                    | Natural Gas / #2 Oil   |
| Service                    | Saturated Steam / HHW  |
| NOx Emission Rating        | 30 PPM                 |

| DIMENSIONS       |                          |
|------------------|--------------------------|
| Overall Length   | 53' 00" (16.2 M)         |
| Overall Width    | 08' 06" (2.4 M)          |
| Overall Height   | 13' 06" (4.1 M)          |
| Shipping Weight  | 77,000 LBS (34,925 KGS)  |
| Operating Weight | 105,000 LBS (47,627 KGS) |

| OUTPUT SPECIFICATIONS     |   |
|---------------------------|---|
| Operating Range (STM/WTR) | 50-235 PSIG (3.45-16.2 BARG)              |
| Turndown (NG / #2 Oil)    | 10:1 / 8:1                                |
| Steam Quality             | 99.50%                                    |
| Efficiency (NG / #2 Oil)  | 80% - 83% / 84% - 87%                     |
| HW Design Flow            | 2,100 GPM @ 20°F ΔT (7,950 LPM @ 11°C ΔT) |

| INPUT SPECIFICATIONS      |   |
|---------------------------|---|
| City Water                | 70 GPM @ 50 PSIG (265 LPM @ 3.5 BARG)   |
| Electricity               | 480 V / 3 PH / 60 HZ @ 150 A            |
| Fuel Input (NG / #2 Oil)  | 27.2 MMBTU/HR (7.97 MW)                 |
| NG Flow                   | 5,517 – 27,200 CFH (2,600 – 12,835 LPM) |
| NG Pressure               | 3 - 10 PSIG (0.21 – 0.69 BARG)          |
| #2 Oil Flow               | 53.5 – 194.3 GPH (202 – 735 LPH)        |
| #2 Oil Pressure           | Use Onboard Oil Pump                    |
| Pilot                     | Propane Tank Included                   |
| Instrument Air (included) | 10 CFH @ 100 PSIG (4.7 LPM @ 6.9 BARG)  |

| CONNECTIONS         |                       |
|---------------------|-----------------------|
| Steam Outlet        | 6" 300# FLG           |
| HHW Supply / Return | 12" / 8" (2) 300# FLG |
| Stack Exhaust       | 24" Ø                 |
| City Water          | 2" NPT                |
| Condensate Return   | 1.5" NPT              |
| Natural Gas         | 3" 150# FLG           |
| #2 Oil Supply       | 1" NPT                |
| #2 Oil Return       | 1" NPT                |
| Blowdown Drain      | 6" 150 FLG            |
| System Drain        | 2" NPT                |
| Electrical          | 3" NPT                |

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