

# AVAILABLE FOR RENT LEASE OR PURCHASE

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**POWERHOUSE**

## **PBR**

PORTABLE BOILER ROOM

## **RH-1000**

FEATURES & SPECS

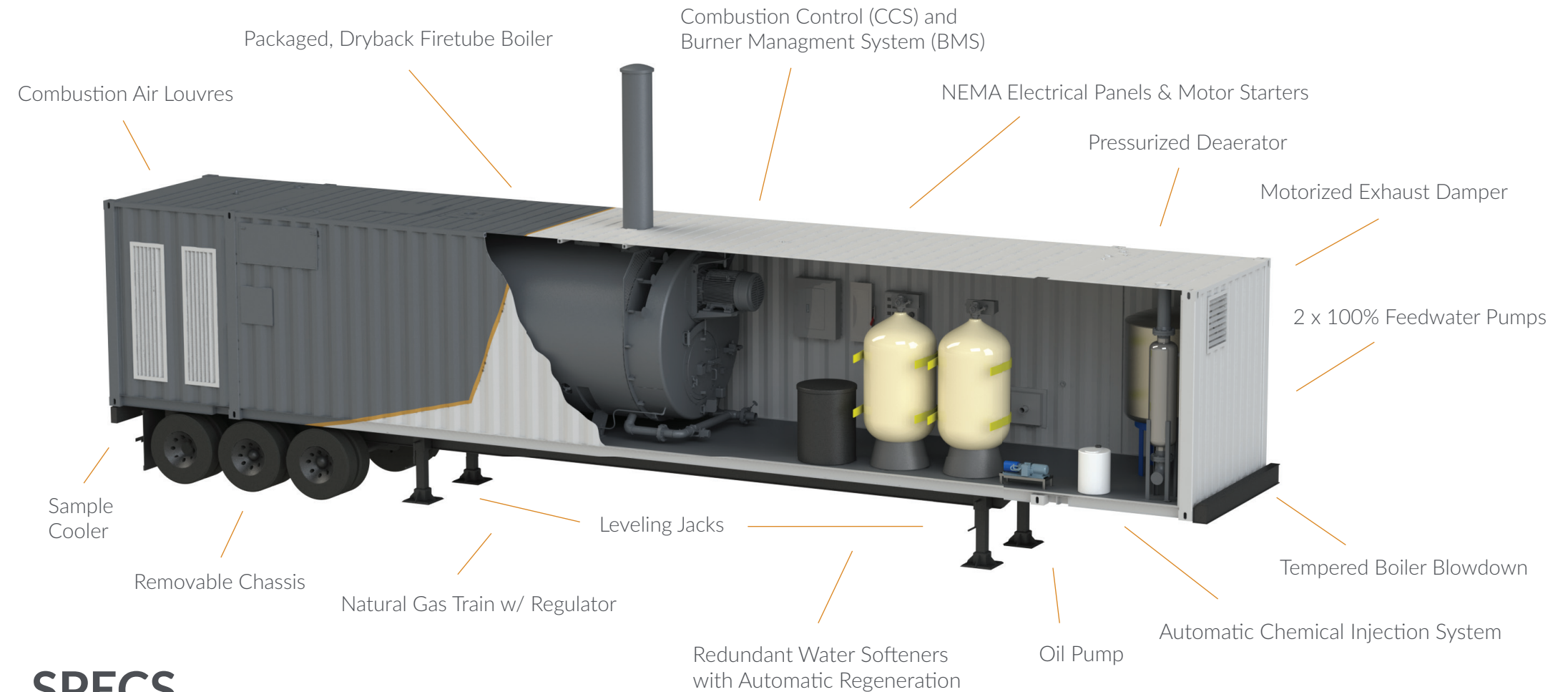
*Designed, Built & Supported by*

**POWERHOUSE**

# RH-1000

## The Most Advanced Portable Boiler Room Available

## COMPONENTS



## KEY FEATURES

- Tri-Fuel
- 99.5% Steam Quality
- 85%+ Efficiency
- Accepts 100% Makeup Water
- Feedwater Treatment & Storage
- Fuel Handling
- All Steel Construction
- Stainless Steel Floors
- LED Lighting
- Complete Weather Protection
- Easy Inspection Port Access
- Access to Front/Rear Tube Sheets

**H/LO** OPERATE AT HIGH OR LOW PRESSURE

## SPECS

OUTPUT	34,500 LB/HR 1,000 HP
DESIGN PRESSURE	250 PSIG
OPERATING RANGE	15*-235 PSIG
TURNDOWN	7:1 GAS, 6:1 OIL
FUEL OIL TANK	N/A
EMISSIONS (NOx)	30PPM (GAS)

\* AT LOW PRESSURE, OUTPUT CAPACITY MAY BE REDUCED

## REQUIREMENTS

CITY WATER	105 GPM @ 50 PSIG
ELECTRIC	225 AMPS 480v/3PH/60HZ
FUEL INPUT	42,000,000 BTU/HR
NATURAL GAS	42,000 CFH
LPG	17,500 CFH
#2 OIL	300 GPH
PILOT	PROPANE
INSTRUMENT AIR	14 CFH @ 100 PSI

## CONNECTIONS

STEAM OUTLET	10.0" FLG 300#
STACK EXHAUST	36.0" ID
CITY WATER	2.0" NPT
CONDENSATE RETURN	2.0" NPT
GAS	4.0" FLG 150#
FUEL OIL SUPPLY	0.75" NPT
FUEL OIL RETURN	0.75" NPT
BLOWDOWN DRAIN	6.0" FLG 150#
SYSTEM DRAIN	2.5" NPT
ELECTRICAL	3.0" NPT

ALL CONNECTIONS MADE EXTERNAL TO UNIT

## PHYSICAL

LENGTH	53' 00"
WIDTH	08' 06"
HEIGHT	13' 06"
WEIGHT	95,000 LBS DRY 127,000 LBS OPERATING

### INCLUDED

- ATOMIZING AIR COMPRESSOR
- MAIN STEAM NON-RETURN VALVE (LOOSE)
- EXHAUST STUB STACK (LOOSE)
- PROPANE PILOT TANK
- ENTRY LADDER
- SPARE PARTS JOB BOX

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