



RT-82K
82,500PPH, 399PSI
TRAILER MOUNTED BOILER

RENTAL BOILER SOLUTIONS

EQUIPMENT SPEC SHEET

MAIN FEATURES: BOILER & BURNER PACKAGE, CONTROL SYSTEMS & PANELS, MODULATING FEEDWATER CONTROL VALVE, FEEDWATER ECONOMIZER AND ASSOCIATED PIPING AND STACK AND FGR PIPING

RENTAL UNIT INFORMATION:

RENTAL TYPE	TRAILER MOUNTED
BOILER HORSEPOWER	2,391 BHP
BOILER CAPACITY	82,500 PPH FROM AND AT 212
DESIGN PRESSURE	399 PSIG
FUEL TYPE	NATURAL GAS / #2 OIL / PROPANE
NOX EMISSION RATINGS	<30PPM NOx

RENTAL UNIT SPECS:

RENTAL OUTPUT

OPERATING PRESSURE	360 PSIG MAX - SRV SET AT BOILER CAP. AND DESIGN PRESSURE
TURNDOWN (NG/OIL)	10:1/8:1
STEAM QUALITY	99.5%
EFFICIENCY (NG/OIL)	83-85% / 87-89%

INPUT REQUIREMENTS

CITY WATER	168GPM @ 415PSIG
ELECTRICAL	480V, 3 PH, 60HZ, 200AMP
FUEL INPUT (NG/OIL)	99.9 / 98.4 MMBTU/HR
NG FLOW	9.990 - 99,900CFH
NG PRESSURE	30 PSIG
#2 OIL FLOW	89-715 GPH
#2 OIL PRESSURE	125PSIG
PROPANE PILOT	3/8" (PROPANE TANK NOT PROVIDED)
GAS REGULATOR	10PSI MAX

CONNECTIONS & DIMENSIONS:

CONNECTIONS

STEAM OUTLET	8" 300# FLANGED
NATURAL GAS	4" 300# FLANGED
FUEL OIL SUPPLY/RETURN	1" NPT
BLOWDOWN	CONT: 1" FMPT, INTERM: 1.5" FLANGED
ELECTRICAL	PANEL
REMOTE FEEDWATER	3" 300# FLANGED
STACK EXHAUST	42" ID
STEAM ATOMIZATION	1.5" FLANGED

DIMENSIONS AND WEIGHT

DIMENSIONS	53' L X 10'7" W X 14'4" H
SHIPPING WEIGHT	90,000 LBS
OPERATING WEIGHT	120,000 LBS

