

# IN-STOCK INVENTORY



## O-TYPE BOILER - UP TO 50,000 PPH

- Model No.: VS-4-51 Saturated
- Number of Units: Two (2)
- Unit National Board No.: Available upon request
- Unit Condition: New
- Unit Type: O-Type Watertube
- Available For Quick Shipment
- Reference: 12665

## SPECIFICATIONS

- Capacity: 50,000 PPH
- Design Pressure: 1,000 PSIG
- Weight (Lbs.) Shipping: 119,600
- Overall Dimensions: (OW x OH x OL): 11' 9"(W) x 14' 8" (H) x 20' 3" (L) (WL to WL)
- Fuel Source: Natural Gas
- Electrical: Volts / Hertz / Phase: 480 / 60/3
- Drums Have 0.125" Corrosion Allowance

## SCOPE OF SUPPLY

- Allen Bradley CompactLogix
- VISION® ProSeries Burner
- Motor: 60 HP
- Full Compliment of Trim Items
- Low Emissions: 30ppm NOx, 50 ppm CO Available
- Stub Stack to 50' Finish Elevation
- Economizer / Stack Support Structure
- Transition Ducts
- BFW Heating Coil - Located in Steam Drum
- Boiler Outlet Expansion Joint
- Economizer



# IN-STOCK INVENTORY



## HORIZON HRSG STANDARD 50

- Model No.: STD 50
- Number of Units: 2
- Unit Condition: New
- Unit Type: Waste Heat Boiler
- Capacity: 103,000 lb/hr
- Available For Quick Shipment
- Reference: 20477 and 20514

## SPECIFICATIONS

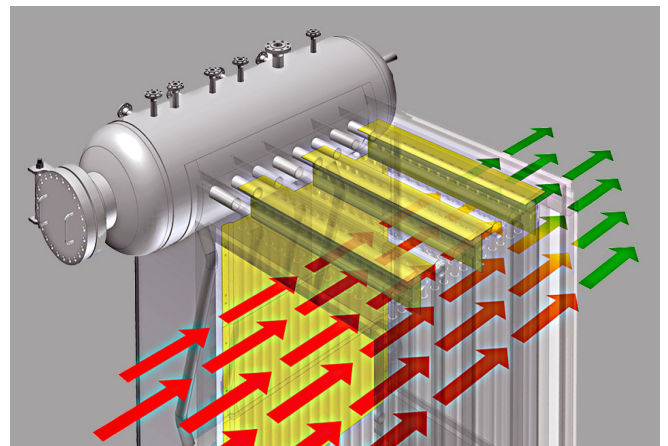
Turbine	Model
Siemens*	SGT-300
Siemens*	SGT-400
Taurus*	70
Mars*	90

\* No duct burner / Saturated

- Design Pressure: 220 PSIG
- Weight (Lbs.) Shipping: 83,000 LBS
- Overall Dimensions: H=17'-10", L=12'-10", W=13'-9"
- Fuel Source: Waste Heat or CT Exhaust

## SCOPE OF SUPPLY

- Waste Heat Boiler (WHB)
- Full Compliment of Trim Items



# IN-STOCK INVENTORY



**50 HP / 1725 PPH / 3-PASS / S250 / NE / FGR**

Dryback Unit / In Process  
Ref #20325

**70 HP / 2415 PPH / 3-PASS / S150 / NE**

Dryback Unit / In Process  
Ref #20487

**100 HP / 3450 PPH / 3-PASS / S150 / NE / FGR**

Dryback Unit / In Process  
Ref #20356

**150 HP / 5175 PPH / 3-PASS / S150 / IE / FGR**

Dryback Unit / In Process  
Ref #16750

**200 HP / 6900 PPH / 3-PASS / S150 / IE / FGR**

Dryback Unit / In Process  
Ref #16751

**200 HP / 6900 PPH / 3-PASS / S150 / NE / FGR**

Dryback Unit / In Process  
Ref #20357

**300 HP / 10350 PPH / 3-PASS / S250 / NE / FGR**

Dryback Unit / New  
Ref #20293

**300 HP / 10350 PPH / 2-PASS / S150 / NE / FGR**

Dryback Unit / In Process  
Ref #20149

**400 HP / 13800 PPH / 3-PASS / S250 / NE / FGR**

Dryback Unit / In Process  
Ref #20323

**600 HP / 20700 PPH / 3-PASS / S250 / NE / FGR**

Dryback Unit / In Process  
Ref #20324

**800 HP / 27600 PPH / 3-PASS / S250 / NE / FGR**

Dryback Unit / New  
Ref #16737

**800 HP / 27600 PPH / 3-PASS / S250 / NE / FGR**

Dryback Unit / In Process  
Ref #16738

**1200 HP / 41400 PPH / 3-PASS / S250 / NE / FGR**

Dryback Unit / In Process  
Ref #16716



**EFFICIENT  
CENTER-FIRED DESIGN**

**1500 HP / 51760 PPH / 3-PASS / S250 / NE / FGR**

Dryback Unit / In Process  
Ref #16739

**2500 HP / 86250 PPH / 2-PASS / S200 / IE**

Wetback Unit / New  
Ref #16050

# IN-STOCK INVENTORY



## 75,000 PPH, LOW NO<sub>x</sub> TRAILER-MOUNTED BOILER

Victory Energy's low NO<sub>x</sub> 75,000 PPH, 350 PSIG trailer-mounted package watertube boiler is set to burn natural gas or #2 oil. It is fully piped and wired.

### SCOPE OF SUPPLY:

- Low NO<sub>x</sub> Burner
- Explorer Economizer
- Titan Water Controls
- Combustion Solutions Control Panel
- Forced Draft Fan, Motor & Starter
- Complete Fuel Train & Pilot Ignition System
- Safety Valves
- Low Water Cut-Offs
- Feedwater Stop & Check Valves
- Blowdown Valves
- Continuous Blowdown Metering Valve
- Chemical Feed Valve
- Single Element Feedwater Regulator with Pre-piped 3 Valve Bypass
- Steam Non-return Valve (loose)
- Stack (loose)
- NEMA 4 Electrical Enclosures

### FUEL CONSUMPTION:

Natural Gas: 99.9 MMBtu/hr @ 15-25 PSI reg.  
 #2 Oil: 765 GPH

### CONNECTION SIZES:

Main Steam: 6"-300# FLG  
 Natural Gas: 6"-125# FLG  
 #2 Oil Supply/Return: 2" NPT / 1.25" NPT  
 Feedwater: 2.5"-300# FLG  
 Bottom Blowdown: 1.5"-300# FLG  
 Continuous Blowdown: 0.75" NPT  
 Chemical Feed: 0.5" NPT  
 Atomizing Air/Steam: 2" NPT / 3"-150# FLG  
 Instrument Air: 0.5" NPT  
 Water Column Drain: 0.75" NPT



### ELECTRICAL POWER SERVICE REQUIREMENTS:

480 VAC, 3 ph, 60 hz, 200 AMPS

### BOILER DIMENSIONS & WEIGHTS:

Length/Width/Height: 10'4"-14'2"-9'16"-23'4"  
 Shipping Weight: 83,000 lbs  
 Operating Weight: 108,000 lbs

### EMISSIONS DATA (NATURAL GAS):

NO<sub>x</sub> (corr. to 3% O<sub>2</sub>): 30 PPM  
 CO (corr. to 3% O<sub>2</sub>): 100 PPM

# IN-STOCK INVENTORY

## 75,000 PPH, RENTAL DEAERATOR

75,000 PPH de-aerating boiler feedwater system completely mounted, wired and piped in a fully lighted 53 ft van type trailer with all utility, steam, water and drain connections external of the trailer, allowing for rapid delivery and tie-in at the jobsite.

### SYSTEM DESIGN INFORMATION

**Continuous Capacity:** Designed for Max 75,000 PPH, 350 PSI  
 Designed Boiler - Higher custom pressures available

**Oxygen Removal:** Not more than .005 CC/Liter To Zero

**CO<sub>2</sub> Removal:** To Zero

**Water Pressure Required:** 40-100 PSI

**Water Softener Capacity:** Up to 2,250,000 Grains Hardness Removal

**Medium Temp.:** Condensate Return = 180°F - 227°F

**High Temp.:** Condensate Return = >227°F

**Chemical Feed System:** Customer Supplied Chemicals

### TRAILER SHIPPING INFO

**Overall Length:** 53'-0"

**Overall Width:** 8'-6"

**Gross Weight:** 53,400 lbs



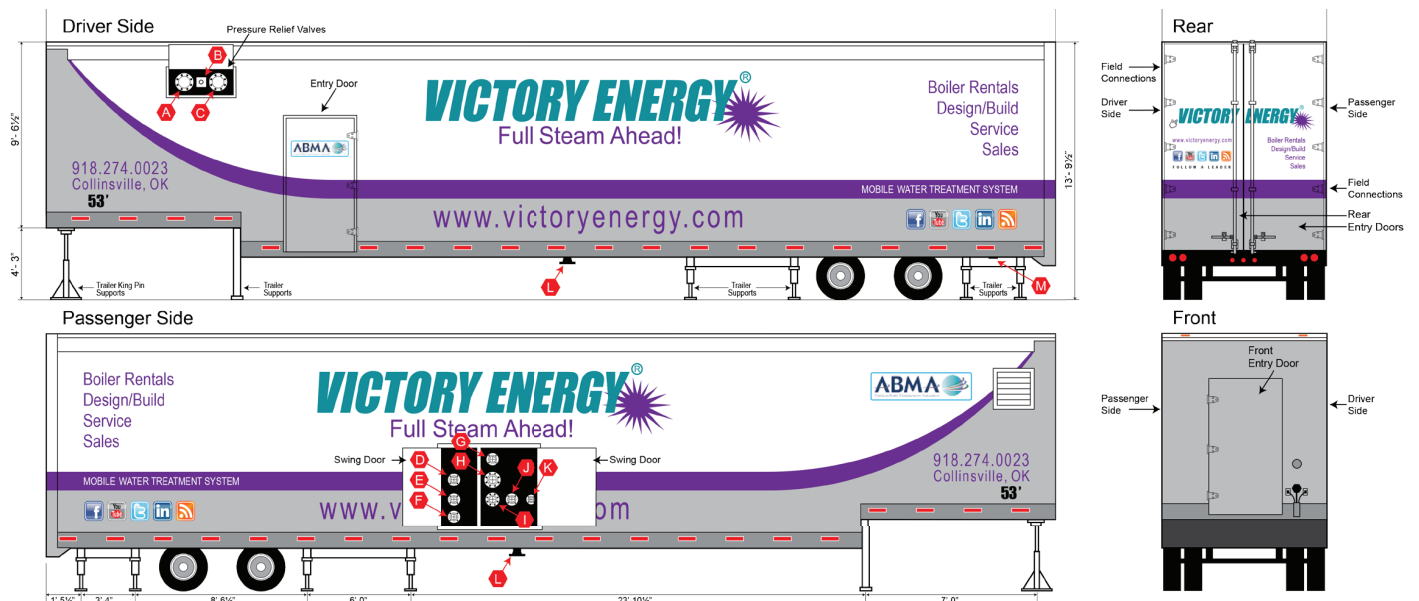
### FIELD UTILITY REQUIREMENTS

**Water Supply Pressure:** 40 to 100 PSI (MAX)

**Power Supply:** 3 Phase, 60 Hz, 480 V  
 (300 Amp Service Required)

### FIELD CONNECTIONS SIZE RATING





- A Pressure Relief Valve 6" 150#
- B DA Tank Vent 1-1/2" NPT
- C Pressure Relief Valve 6" 150#
- D Water Softener - to Customer 3" 150#
- E Water Softener - from Customer 3" 150#
- F Utility Water - from Customer 3" 150#
- G Medium Temp. Condensate Return - from Customer 3" 150#
- H Let Down Steam - from Customer 4" 300#
- I Pressurized Deaerated Water - to Customer 3" 300#
- J Deaerated Water - to Customer 3" 150#
- K High Temp Return - from Customer 2" 150#
- L Drain Line - to Customer 4" 150#
- M Customer Power Supply - to Trailer 3" Conduit







# IN-STOCK INVENTORY

BOILER	ASSET	SPECS	ANCILLARY
JVE # <b>395</b>		75K Saturated Design Pressure : 350 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.
JVE # <b>12578</b>		75K Saturated Design Pressure : 385 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.
JVE # <b>12796</b>		75K Saturated Design Pressure : 385 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.
JVE # <b>12797</b>		75K Saturated Design Pressure : 385 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.
JVE # <b>12798</b>		75K Saturated Design Pressure : 385 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.
JVE # <b>15740</b>		75K Saturated Design Pressure : 385 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.
JVE # <b>17109</b>		100K Saturated Design Pressure : 399 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.
JVE # <b>16464</b>		75K Saturated Design Pressure : 385 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.
JVE # <b>160321</b>		50K Saturated Design Pressure : 1000 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.
JVE # <b>160322</b>		50K Saturated Design Pressure : 1000 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.
JVE # <b>17135</b>		75K Saturated Design Pressure : 400 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.
JVE # <b>20016</b>		100K Saturated Burner: Vision NB #: 1232 Asset #: 1868	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.

# IN-STOCK INVENTORY

JVE # <b>20302</b>		82.5K Saturated Design Pressure : 385 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.
JVE # <b>20303</b>		100K Saturated Design Pressure : 385 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.
JVE # <b>20400</b>		100K Saturated Design Pressure : 399 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.
JVE # <b>15877</b>		200 HP Mobile Boiler Room Design Pressure : 150 psig	Economizer, Stub Stack, Gas Regulator skid, Steam spools and trim.

DA TRAILER	ASSET	SPECS	ANCILLARY
JVE # <b>16287</b>		75,000 pph De-aerator Skid	Pump skid, all trim and controls
JVE # <b>20127</b>		75,000 pph De-aerator Skid	Pump skid, all trim and controls
JVE # <b>15943</b>		250,000 pph De-aerator Skid	Pump skid, all trim and controls
JVE # <b>16032</b>		100,000 pph De-aerator Skid	Pump skid, all trim and controls