



Hi-Delta
992C (990 MBH Input - 3 Stage
Fire)

Tag: **B-03**
Project: **stock**
Quantity: **1**

Unit Information

Model Series: **Hi-Delta**
Size: **992C (990 MBH Input - 3
Stage Fire)**
Fuel: **Natural Gas**
Location: **Indoor**
Altitude: **0** ft

Heating Performance

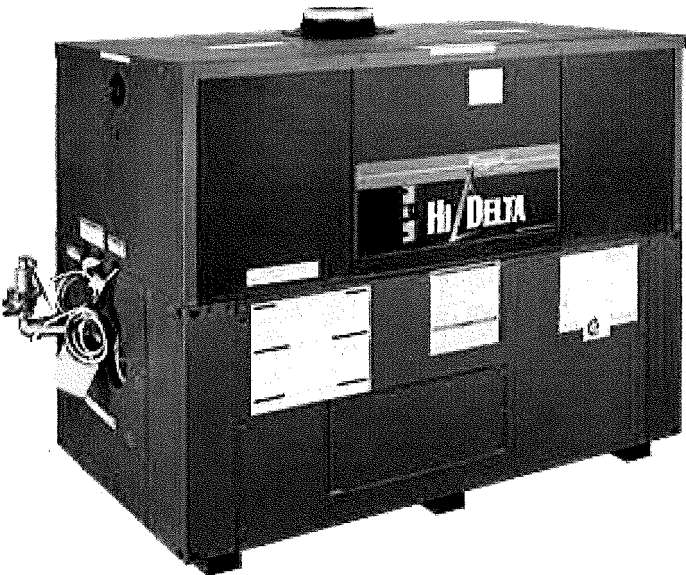
Input Temp: **130** F
Output Temp: **160** F
Design Capacity: **0** MBTUH
Input Capacity: **990** MBTUH
Output Capacity: **832** MBTUH
Thermal Efficiency: **84** %

Water Flow

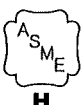
Design Flow: gpm
Max Flow: 132 gpm
Min Flow: 43 gpm
Pressure Drop: ft. wg

General Unit Data

Unit Weight: **900** lbs.
Unit Length: **32.625** in.
Unit Width: **57.125** in.
Unit Height: **41.25** in.



Hi-Delta



Product Data: Type H Hydronic Boiler

Qty	Description
1	Type H Hydronic Boiler

Tag(s): B-03**Selected Options**

Application : Hydronic

Location : Indoor

Model Size/ Input: 992C (990 MBH Input- 3 Stage Fire)

Fuel Type : Natural Gas

Efficiency: 85.0 % AFUE (101-301) Category I - 85% TE (401-2342) Category II or IV SS Venting

Water Quality / Pump Selection Criteria : Not Applicable

Pump Type : None

Pump Material : None

Header Material : Bronze

Heat Exchanger Material : Standard Copper

Water Connection Location : A-6 Right Hand Water Connection

Pressure Relief Valves: A-12 60 PSIG (Standard for Boilers - 502C-2342C)

Ignition Module: Standard 3-Try Ignition - Auto Reset

Integral Flue Exhaust Tee : None

Low Water Cut Off: F-10 Low Water Cut Off (Manual Reset)

Codes : G-9 Kentucky

4 inch Supply Gas Pressure Configuration (G-20) : None

High Limit - Manual Reset : 1-5 Adjustable Manual Reset Limit - 200 F

High Limit - Auto Reset: 1-13 Adjustable Auto Reset Limit- 200 F

High Limit - Combination : None

Safety Valves : None

Vent Valve : None

Low Gas Pressure Switch : S-1 Low Gas Pressure Safety Switch - Manual Reset

High Gas Pressure Switch : S-2 High Gas Pressure Safety Switch - Manual Reset

Low and High Gas Pressure Switch : None

Low Water Pressure Switch : None

Surrack - Unit Stacking Kit : None

Mounting Location : Not Applicable

Mounted Pumps : None

Cold Water Start Systems : None

Cold Water Run Pumps : None

Digital Controllers : None

Injector Pumps : None

Flanges : None

Elevation: Below 2000 ft (0 - 1999 ft)

Selected Accessories

Hi-Delta H Size C Large Standard Features

Qty: 1 Tags: 8-03, 8-09

Standard Features**Heat Exchanger**

ASME Inspected and H Stamped 160 PSIG Working Pressure
National Board Approved
ASME Steel Tube Sheet
Silicone High Temp O-Rings
Temperature and Pressure Gauge

control

120V, 60Hz, 10, Power Supply
12Q/24V .60 Hi transformer
VERSA IC® integrated Control
100% Shutoff/Lockout
Hot Surface ignition
Remote flame sensor
Fixed high limit, manual reset, 240°F
On/Off Power Switch
Flow Switch
Blocked Vent Pressure Switch
Combustion Air Proving Switch
Pump Outputs

- o Boiler
- o System - Pilot Duty
- o DHW Indirect - Pilot Duty

Programmable Pump Time Delays
Enable/Disable
LCD Display; Fault and Diagnostics

Burner

Ultra-Low NOx: Less than 20 PPM

Gas Train

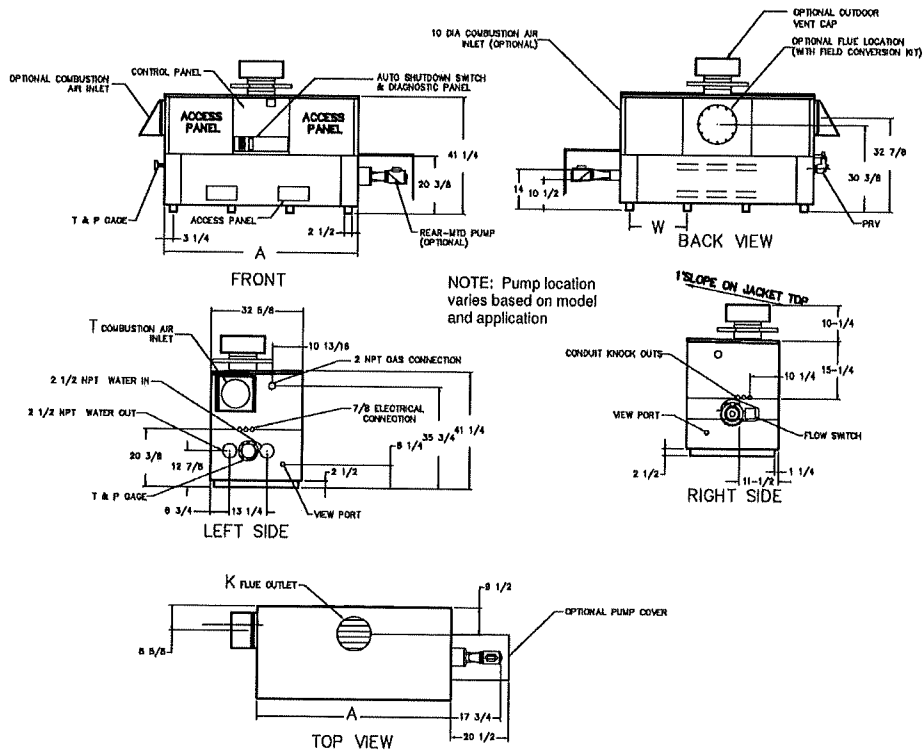
Combo Valva(s)
Manual Gas Shut Off Valve(s)
Design Certified -ANSI Z21.13/CSA 4.9

Construction

Indoor/outdoor construction
Enclosed front controls
CSA Low Lead Certified ≤ 26%Lead
Thermal Shock Proof Heat Exchanger
Limited Twenty-Year Thermal Shock Warranty
Limited Five-Year Heat Exchanger Warranty
Full Safety Diagnostics with Fault History
PolyTuf Powder-Coated-cabinet
No Combustible Floor Shield Required
Fan-Assisted
Patented Burner Security Blanket
Cascade Up To 4 Heaters- No External Sequencer Needed
Ultra Low NOx- SCAQMD 1146.2 Certified (992C-2002C)
Proudly Assembled In the USA

Hi-Delta H Dimensions 992C

Qty: 2 Tags: B-03



RATES OF FLOW AND PRESSURE DROPS										
Model	20°F ΔT		30°F ΔT		Min. Flow			Max. Flow		
	GPM	ΔP (FT.)	GPM	ΔP (FT.)	GPM	ΔP (FT.)	ΔT	GPM	ΔP (FT.)	ΔT
992C	84	5.6	56	2.5	43	1.5	39	132	14.0	13

Basis is 39°F ΔT for minimum flow, 132 GPM for maximum flow.

SPECIFICATIONS									
Model	Input	Output	Firing Stages	A Width	K	T	W	Amp. Draw*	Approx. Shipping Wt. (Lbs.)
992C	990	832	3	57-1/8	10	10	16-13/16	<12	900

Dimensions are in inches.

*Without pump.

- NOTES: 1. Rates shown are for natural or propane gas, and elevations up to 4,500 feet. For installation above 4,500 feet, please contact manufacturer.
2. Required natural gas pressure is 7 – 10.5" WC. Required propane gas pressure is 11 - 13" WC.