

TRADE PRICE BOOK #230

APRIL 1, 2017



COMING IN 2017!



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Page 5
SHADOW
COMBI

CONDENSING

Raptor (RPTR)	High Efficiency/Gas Fired/Stainless Steel/Fire Tube/Condensing/Combi	4
Shadow (SHADW)	High Efficiency/Gas Fired/Stainless Steel/Condensing/Hot Water	5
Phantom (PHNTM)	Gas/Hot Water/Direct Vent/Stainless Steel Condensing.	6
Phantom EZ Accessories	Gas/Hot Water.	7
Phantom-X	Gas/Hot Water/Direct Vent/Stainless Steel Condensing.	8
Bimini (BWC)	Gas/Hot Water/Direct Vent/Condensing/Wall Mount	9
Bimini Buddy	Compatible with Wall Mounted Bimini Boilers	9

CAST IRON

Aruba 4 (AWR)	Gas/Hot Water.	10
Cayman (CWI)	Gas/Hot Water (With or Without Coil)	11
Bali (BWF)	Gas/Hot Water/Power Vent	12
Cabo 2 (CWD)	Gas/Hot Water/Direct Vent/High Efficiency	13
Bermuda (BSI)	Gas/Steam.	14
Tobago (TWZ)	Oil/Hot Water/Wet Base	15
TWZ "Shorty" Pac	Oil/Hot Water/Wet Base	16
Freeport II (FWZ)	Oil/Hot Water/3 Pass	17
Freeport II (FSZ)	Oil/Steam/3 Pass	18
Kingston (KSZ)	Oil/Steam/Wet Base	19
KSZ "Shorty" Pac	Oil/Steam/Wet Base	20

COMMERCIAL CAST IRON

Series 16H	Gas/Hot Water.	21
Series 24	Gas/Oil/Hot Water/Steam	22
Series 24	Optional Equipment	23
FW Series	Oil/Gas/Hot Water/3 Pass	24
FW Series	Burners/Options	25

ACCESSORIES

Water Boiler Accessories	26
OC System	26

FURNACES

Oil	Oil/Forced Air.	27
-----	-------------------------	----

INDIRECT WATER HEATERS

Mega-Stor®II (MS2)	Stainless Steel Water Heater.	28
Mega-Stor Horizontal (MSH)	Stainless Steel Water Heater.	28
Mega-Stor® (MSS)	Solar Stainless Steel Water Heater.	29
Maxi-Therm 2 (MT)	Glass Lined Water Heater.	29

RADIATION

Crown Eight Baseboard	Residential Copper Fin	30
Hide-A-Vector	Kick Space Heater	30

MAP Policy Guidelines

.	31
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TERMS AND CONDITIONS OF SALE

1. PRICES – Orders accepted only with the understanding that invoicing will be at the base price, discounts and terms in effect at the time of shipment, unless otherwise provided. Prices, terms and discounts are subject to change without notice. Trade prices listed by Velocity Boiler Works are suggested prices and in no way limit distributors to establish their own resale price. Orders are accepted by Velocity Boiler Works only with the understanding that they are subject to credit investigation and approval. In the event the Buyer's financial condition, at any time, does not justify the terms specified, Velocity Boiler Works may require full or partial payment as a condition to commence or continue to manufacture, or in advance of shipment; or, if shipment has been made, recover shipment from the carrier. Taxes – Any tax or other governmental charge now or hereafter levied upon the production, sale, use or shipment of products ordered or sold will be charged to and paid by the Buyer.

2. CHANGES TO OR CANCELLATION OF ORDER – In the event of any specification change after receipt of the Buyer's order, Velocity Boiler Works may adjust the selling price to cover such changes. In the event Buyer wishes to cancel this order, it must be mutually agreed upon by buyer and Velocity Boiler Works and may be subject to cancellation charges. Non-standard products, made on special order, may not be cancelled.

3. CHARGES/FEES – An interest charge of 1½ % will be added to all past due balances. This is an annual percentage rate of 18%. Credit Cards – No cash discount will be given to any credit card purchases. Any purchases by American Express credit cards will have a 2% fee added to the invoice. Checks returned for insufficient funds will have a \$50 service added to the invoice.

4. RETURNED GOODS – Saleable products of standard manufacture may not be returned for credit until after Velocity Boiler Works has agreed to accept them. Inspection by a Velocity Boiler Works employee, or representative of the company, may be required before return authorization is granted. A restocking/handling charge will apply to all such returned products. All transportation charges for returned products must be paid by Buyer. Non-standard products, made on special order, or obsolete products are not subject to return.

5. TRANSPORTATION CLAIMS – Delivery to the initial carrier shall constitute delivery to the Buyer. Velocity Boiler Works responsibility ceases upon delivery in good order to such carrier, and all products are shipped at the Buyer's risk. The Buyer is urged to examine all delivers carefully before signing transportation receipts. If products are visibly damaged, the Buyer should insist that written confirmation of the damage be noted on the carrier's delivery receipt and confirmed by the driver for the carrier. If damage is discovered after unpacking, the carrier should be notified at once so that an inspection can be made and the claimed damage substantiated by the carrier.

6. INTERFERENCES WITH DELIVERIES – Velocity Boiler Works shall not be liable for any delay or failure in the delivery or shipment of products or for any damages suffered by reason of such delay or failure if, directly or indirectly, due to fire, flood, accidents, riots, war, embargo, labor stoppages, inadequate transportation facilities, shortage of material or supplies, regulation by government authority of any cause or causes beyond Velocity Boiler Works control. Velocity Boiler Works reserves the right to allocate available production among its customers in any fair and reasonable manner that it determines is necessary or desirable. If delivery is delayed for 6 months or more beyond originally scheduled dates due to delays by the Buyer in furnishing Velocity Boiler Works with

technical information or approvals, or manufacturing releases, and additional costs are incurred by Velocity Boiler Works due to any such delays, the Buyer shall reimburse Velocity Boiler Works for such added costs. Product on which manufacture or delivery is delayed due to any cause within the Buyer's control may be placed in storage by Velocity Boiler Works for the Buyer's account and risk, and regular charges therefore and expenses in connection therewith shall be paid by the Buyer; but if, in Velocity Boiler Works opinion, it is unable to obtain or continue such storage, the Buyer will, on request, provide or arrange for suitable storage facilities and assume all costs and risks in connection therewith. When such delay is due to causes beyond control of either party, the matter of storage and the payment of charges, therefore shall be negotiated in good faith.

7. SHORTAGES OR VARIANCES – No claims for variances from or shortages in orders will be considered unless presented within 3 days after receipt of products. Any shipping weights given or estimated are approximate for the Buyer's convenience only and not guaranteed by the Velocity Boiler Works.

8. LIMITS OF BREACH OF CONTRACT – Any action for breach of contract, including any action for breach of warranty, must be commenced within one year after the cause of action occurs.

9. PRODUCT CHANGES – Factors beyond Velocity Boiler Works control and the need for continuing improvement require the making of changes in products from time to time. Velocity Boiler Works reserves the right to make reasonable changes in products of any kind without notice, and to deliver revised designs or models of products against any order, unless this right is specifically waived by it in writing. Velocity Boiler Works shall have no responsibility whatever with respect to changes made by the manufacturer in products sold but not manufactured by it.

10. PATENTS – Products manufactured and sold by Velocity Boiler Works may be used by the Buyer pursuant to such patent rights as exist with Velocity Boiler Works. Velocity Boiler Works shall not be liable for any use to which any such products may be put as part of any system, mechanism or process covered by patent rights of others.

11. TESTS – If tests are requested by the Buyer to determine the performance of products covered by Velocity Boiler Works quotation, the test procedure to be used must be acceptable to Velocity Boiler Works and the Buyer is responsible for paying the costs of any such test.

12. CONFLICTING PROVISION OFFERED BY BUYER – Any terms and conditions of Buyer's purchase order, in connection with the subject matter of this document, which are in addition to or inconsistent with the terms and conditions expressed herein, will not be binding on Velocity Boiler Works in any manner whatsoever unless accepted by Velocity Boiler Works in writing. Velocity Boiler Works shall ship the products referred to in this document only on the understanding that the terms and conditions of sale set forth hereon shall be binding on the Buyer. The Buyer should accept such products only if it agrees to be bound by these terms and conditions.

13. ADDITIONAL INFORMATION – Additional information regarding warranties on our products are available at VelocityBoilerWorks.com.

14. APPLICABLE LAW – This contract shall be governed by, construed and enforced by the laws of the Commonwealth of Pennsylvania.

High Efficiency, Gas Fired, Stainless Steel, **Fire Tube Design**, Condensing, Heating and Combi Boiler

- **95% AFUE**
- **5:1 Turn down ratio**
- **Advanced Honeywell SOLA control with ergonomic touch screen display**
- **Five sizes 85, 110, 155, 205 & 270 MBH (heat only)**
- **Combi size 155 MBH**
- **5 year parts warranty**
- **Natural or LP gas (field convertible)**
- **Field adjustable for high altitude**
- **Universal vent connection**
- **Outdoor reset and sensor**
- **Versatile top and bottom supply and return connections**

ADDITIONAL FEATURES AND EQUIPMENT


- Easy access control panel
- Split voltage junction box with fused connection boards
- LWCO ready with NPT connection
- Pre-installed hanging bracket and wall mount kit
- Sola Control System
 - LCD touch screen display
 - Built-in self diagnostics
 - Three circulator outputs (heat only model)
 - Built-in sequencer stages up to 8 boilers
 - Domestic Hot Water priority
 - Warm weather shutdown
 - Password security

**New Sizes Coming
Summer 2017
320 and 399**



STANDARD COMBI EQUIPMENT

- Thermostatic Mixing Valve and Brazed Plate Heat Exchanger

MODEL	 AFUE%	INPUT (MBH) MIN-MAX	DOE HEATING CAPACITY (MBH)	NET AHRI (MBH)	MAWP (PSI)	VENT SIZE (IN)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
RPTR085	95.0*	17-85	79	69	30	2 or 3	140	\$6,191
RPTR110	95.0*	22-110	102	89	30	2 or 3	145	\$6,508
RPTR155	95.0*	31-155	145	126	30	3	160	\$7,620
RPTR205	95.0*	41-205	190	165	80	3	175	\$8,254
RPTR270	95.0*	54-270	251	218	80	3	185	\$9,207
Combi Model RPTRC155	95.0*	31-155	145	126	30	3	170	\$8,254

*ENERGY STAR Certified Products

OPTIONAL EQUIPMENT



PART #	DESCRIPTION	LIST
104590-01	Zone Control Panel	\$378
105591-01	Taco Probe LWCO (LTR0243N-1)	\$171
107039-01	CPVC/PVC Vent Kit 2"	\$158
107039-02	CPVC/PVC Vent Kit 3"	\$140
231010	Service Parts Repair Kit – Heat Only	\$159
231012	Service Parts Repair Kit – Combi	\$258

High Efficiency, Gas Fired, Stainless Steel, Condensing, Hot Water Boiler


- Up to 95% AFUE
- Stainless Steel water tube heat exchanger
- Five sizes – 80, 100, 120, 150 & 180 MBH input
- Compact wall mount configuration
- Modulating burner with 5:1 turn down ratio
- Factory pre-set Honeywell Sola Control and LCD display
- Universal vent connection
- 5 year parts warranty
- Natural or LP gas (Field convertible)
- Designed for use below 2,000 ft.

ADDITIONAL FEATURES AND EQUIPMENT

- Easy access control panel
- Pre-installed hanging bracket and wall mount kit
- Sola Control System
 - LCD Display
 - Three circulator outputs
 - Outdoor reset including outside sensor
 - DHW priority



Watch for Combi
Model Coming Soon!

MODEL	 AFUE%	Input (MBH) min-max	DOE Heating Capacity (MBH)	NET AHRI (MBH)	MAWP (PSI)	Vent Size (in.)	Approx Shipping Weight (lbs.)	TRADE PRICE
SHADW080	94.0*	16-80	74	64	50	2	146	\$4286
SHADW100	93.3*	20-100	92	80	50	2	148	\$4604
SHADW120	94.0*	24-120	112	97	50	3	154	\$4762
SHADW150	95.0*	30-150	142	123	50	3	187	\$5080
SHADW180	94.0*	36-180	170	148	50	3	187	\$6032

*ENERGY STAR Certified Products

1. The Net AHRI Water Ratings are based on a piping and pickup allowance of 1.15. 2. The manufacturer should be consulted before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc. 3. Refer to manual for system vent length derates. 4. High altitude versions of all models available for installations over 4500ft. De-rate required on all models installed above 2,000 ft., consult factory for details. For Canadian installations over 4,500 ft., consult authority having jurisdiction for guidance. SHADW080 may not be installed using LP gas above 2,000 ft. SHADW180 may not be installed using LP gas above 7,800 ft.



OPTIONAL EQUIPMENT

PART #	DESCRIPTION	LIST
107039-01	CPVC/PVC Vent Kit 2"	\$158
107039-02	CPVC/PVC Vent Kit 3"	\$140
431003	Service Parts Repair Kit	\$184

Condensing Direct Vent Stainless Steel - Gas Fired - Hot Water

MODEL	NATURAL & LP GAS			AFUE %	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
	INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET RATING (MBH)			
PHNTM080	80	74	64	94.0	165	\$6,032
PHNTM100	100	92	80	93.3	167	\$6,349
PHNTM120	120	112	97	94.0	173	\$6,825
PHNTM150	150	142	123	95.0	195	\$7,460
PHNTM180	180	170	148	94.0	195	\$8,413

1. De-rate required on some models installed above 2,000 ft., consult factory for details. For Canadian installations over 4,500 ft., consult authority having jurisdiction for guidance. PHNTM080 may not be installed using LP gas above 2,000 ft. PHNTM180 may not be installed using LP gas above 7,800 ft.
2. The Net Water Ratings are based on a piping and pickup allowance of 1.15.
3. The manufacturer should be consulted before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.
4. Refer to manual for system vent length derates.



Heat Exchanger constructed and tested in accordance with ASME Section IV standard

STANDARD EQUIPMENT

- Completely factory assembled, pre-wired and crated
- Stainless steel water tube heat exchanger
- Deluxe steel jacket with two tone finish
- 3/4" Boiler Drain
- Condensate Trap
- Combination Temperature/Pressure Gauge
- A.S.M.E. Relief Valve (30 psi)
- Integral Boiler Pump installed
- Stainless steel burner
- Variable Speed Blower Assembly; includes Variable Speed Blower, Negative Pressure Gas Valve and Gas/Air Venturi
- Flow Switch
- Fully modulating burner - 5:1 Turndown Ratio
- Direct Vent
- Micro Processor Control System with :
 - Digital display
 - Direct Spark Ignition
 - Outdoor Reset Temperature Sensor
 - Selectable domestic hot water priority
 - Pump controls (heating & domestic hot water)
- Wall Mounting Bracket

ORDERING EXAMPLE:

PHNTM080EN

FUEL

N = Natural Gas

Field convertible to LP gas



The Phantom has special venting and clearance requirements. Consult the installation manual or the factory.

OPTIONAL EQUIPMENT

	TRADE PRICE
• Service Parts Kit (P/N 431003).....	\$ 184
• 24 Volt LWCO Kit (P/N 431000).....	\$ 154
• 24 Volt LWCO Manual Reset (P/N 432000).....	\$ 206
• Additional Optional Equipment.....	SEE PAGE 26

PHANTOM EZ ACCESSORIES

The new AFUE ratings and these “EZ” accessories make the Phantom® the complete boiler solution. All accessories are factory-designed to allow for a quick, clean and cool install.



“EZ Loop” Low Loss Header

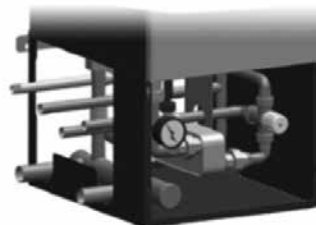
This ready-made primary/secondary piping solution allows contractors to complete all near-boiler loop plumbing connections with speed and accuracy, saving time and money while optimizing flow for perfect system performance.

ITEM #	USE WITH PHANTOM MODEL	CONNECTIONS(NPT)						SHIPPING WEIGHT	TRADE PRICE
		SYSTEM	AIR VENT	T & P GAUGE	FILL EXPANSION TANK	RELIEF VALVE	DRAIN VALVE		
430150	80/100/120	1-1/4"	1/8"	1/4"	1/2"	3/4"	3/4"	5 lbs.	\$ 200
430151	150/180	1-1/4"	1/8"	1/4"	1/2"	3/4"	3/4"	5 lbs.	\$ 200

“EZ” Combi-Kit

Add domestic hot water capabilities directly to the Phantom® 150 and 180 with one easy step, precisely matching to the existing boiler connections. The kit includes mixing valve, plate heat exchanger and the EZ-Loop Low Loss Header.

MODEL	INPUT	DHW RATE (GPM)	
		70° F Rise	90° F Rise
PHANTOM-150	150	3.75	3.0
PHANTOM-180	180	4.4	3.5



ITEM #	MAX OPERATING PRESSURE	MAX OPERATING PRESSURE	SYSTEM CONNECTION	DIMENSIONS			SHIPPING WEIGHT	TRADE PRICE
				WIDTH	HEIGHT	DEPTH		
430751	50 psi	200 deg F	1-1/4"	16-5/8"	13"	21"	26 lbs.	\$ 760

“EZ” Base

When a wall installation does not work, the Phantom® “EZ” Base is the perfect accessory for a clean and attractive installation. The “EZ” Base pedestal includes adjustable feet for uneven floors and works great with the EZ-Loop Low Loss Header or Phantom® Combi-Kit.



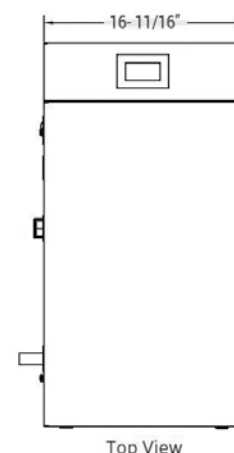
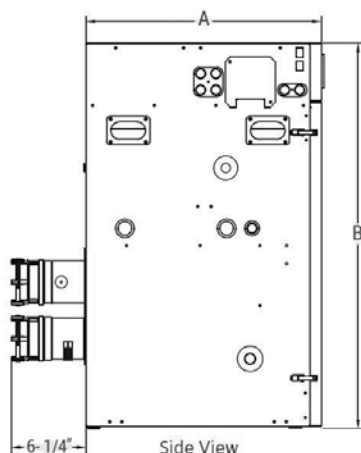
ITEM #	USE WITH PHANTOM MODEL	DIMENSIONS			SHIPPING WEIGHT	TRADE PRICE
		WIDTH	HEIGHT	DEPTH		
430650	80/100/120	16-5/8"	28-1/4"	17"	26 lbs.	\$ 306
430651	150/180	16-5/8"	28-1/4"	21"	28 lbs.	\$ 317

Condensing Direct Vent Stainless Steel - Gas Fired - Hot Water

MODEL	MAX. INPUT (MBH)	MIN. INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET RATING (MBH)	AFUE (%)	WATER VOL. (GAL.)	DIMENSIONS		SUPPLY & RETURN CONN. SIZE (NPT)	GAS CONN. SIZE (NPT)	APPROX. NET WEIGHT (LBS)	TRADE PRICE
							"A"	"B"				
PHNTM210	210	42	194	169	95.0	1.7	23-15/16"	32-3/16"	1"	1/2"	206	\$11,290
PHNTM285	285	57	262	228	95.0	2.4	21-13/16"	43-7/16"	1-1/4"	3/4"	256	\$15,675
PHNTM399	399	80	375*	326**	94.1 [†]	3.4	28-7/8"	43-7/16"	1-1/2"	1"	304	\$21,087
PHNTM500	500	100	475*	413**	95.0 [†]	4.2	44-7/8"	35"	1-1/2"	3/4"	375	\$26,147
*Gross output			**Net rating			[†] Thermal efficiency						

NOTES:

- For elevations above 2,000 ft., reduce ratings 4% per 1,000 ft. above sea level. PHNTM210 and PHNTM285 may not be installed using LP gas above 7,000 ft. PHNTM 399 and PHNTM500 may not be installed above 7,000 ft. For Canadian installations over 4,500 ft., consult authority having jurisdiction for guidance.
- The Net Water Ratings are based on a piping and pickup allowance of 1.15.
- The manufacturer should be consulted before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.
- Refer to manual for system vent length derates.
- The Phantom-X has Special Venting and Clearance Requirements. Consult the Installation Manual or the Factory.



ORDERING EXAMPLE

MAX INPUT (MBH)	APPROVED INSTALLATION ALTITUDE	MODEL (NATURAL GAS)	NOTE
210	0-2,000 ft.	PHNTM210HNT1SU	Field convertible to LP
210	2,000-7,000 ft.	PHNTM210HNT17U	Field convertible to LP
210	7,000-10,000 ft.	PHNTM210HNT10U	LP N/A
285	0-7,000 ft.	PHNTM285HNT1SU	Field convertible to LP
285	7,000-10,000 ft.	PHNTM285HNT10U	LP N/A
399	0-10,100 ft.	PHNTM399HNT1SU	Field convertible to LP
500	0-10,100 ft.	PHNTM500HNT1SU	Field convertible to LP at maximum 6,000 ft.

Features

- Outdoor Reset with included sensor
- Modulating burner with 5:1 turndown ratio
- Multiple boiler lead/lag - up to 8 boilers
- Honeywell control with LCD touchscreen interface
- Vent options allow for CPVC/PVC, single wall polypropylene, or stainless steel venting
- Stackable for floor space savings

PHANTOM-X
BY CROWN BOILER

OPTIONAL EQUIPMENT

	TRADE PRICE
• Header Sensor Kit (P/N 431004)	\$ 84
• LWCO Kit (P/N 431000X)	\$ 188
• CSD-1 Kit FOR Phantom (P/N 433700)	\$ 683

BIMINI (BWC)

Direct Vent - Aluminum - Condensing - Gas Fired - Hot Water - Wall Mounted Models

MODEL	NATURAL GAS & LP GAS			AFUE %	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE W/ CONCENTRIC VENT KIT	TRADE PRICE W/ CPVC/PVC VENT KIT
	INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET WATER RATING (MBH)				
BWC070	70	63	55	91.0	143	Call for Special Pricing	Call for Special Pricing
BWC090	90	80	70	91.0	143	Call for Special Pricing	Call for Special Pricing
BWC120	120	107	93	90.0	149	Call for Special Pricing	Call for Special Pricing
BWC151	150	135	117	90.5	168	Call for Special Pricing	Call for Special Pricing

STANDARD EQUIPMENT

- Completely factory assembled, pre-wired and crated
- Cast aluminum heat exchanger
- 3/4" Boiler Drain
- Condensate Trap
- Combination Temperature/Pressure Gauge
- A.S.M.E. Relief Valve (30 psi)
- Taco Circulator
- Probe Style LWCO
- Fully Modulating Burner
- Boilers equipped for CPVC/PVC venting include 3" Vent Collar, 3"- 90° CPVC Elbow, 3" x 30" CPVC Straight Section, (2) 3" PVC T-terminals with Rodent Screens and CPVC/PVC Transition Cement and Primer.



MASS.
APPROVED



Heat Exchanger constructed and tested in accordance with ASME Section IV standard



The BWC has special venting and clearance requirements.
Consult the installation manual or the factory.

ORDERING EXAMPLE:

BWC090E(N/L)(S/V)

Fuel

N = Natural Gas

L = LP Gas

Venting

V = CPVC/PVC Vent Kit

OPTIONAL EQUIPMENT

	TRADE PRICE
• Floor Mounting Pedestal Kit (Models BWC070/090/120) (P/N: 230650).....	\$ 199
• Floor Mounting Pedestal Kit (Model BWC151) (P/N: 230651).....	\$ 219
• Boiler Commissioning Kit (1 Pint F1 Protector & F3 Cleaner, 4 PH Strips & 2-60 Second Test Strips) (P/N: 900085).....	\$ 144
• AM-4 Multiple Boiler Interface Kit with Ribbon Cable (MCBA Models Only)(P/N: 3501080A).....	\$ 241
• PVC Concentric Terminal (P/N: 230873).....	\$ 241
• Vent Kit to field convert concentric vent boiler to CPVC/PVC Venting (P/N: 230595).....	\$ 444

BIMINI BUDDY

Domestic Hot Water Combi - Indirect Water Heater - Heat Only

MODEL	DESCRIPTION	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
BB100C*	Combi unit with heat exchanger for domestic hot water	35	\$2,043
BB100I*	Indirect unit with connections for an indirect water heater	31	\$1,399
BB100H	Heat only unit	28	\$944

*For use with BWC070/090/120 boilers only



ARUBA 4 (AWR)

Built-in Rear Draft Diverter - Cast Iron - Gas Fired - Hot Water

MODEL	NO. OF SECS.	NATURAL GAS & LP GAS			AFUE %	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
		INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET WATER RATING (MBH)			
AWR038	2	38	32	28	83.0	234	\$3,085
AWR070	3	70	58	50	83.5	284	\$3,354
AWR105	4	105	87	76	83.7	334	\$3,568
AWR140	5	140	117	102	83.6	384	\$3,896
AWR175	6	175	146	127	83.5	434	\$4,403
AWR210	7	210	175	152	83.4	484	\$4,959
AWR245	8	245	205	178	83.4	533	\$5,462
AWR280	9	280	234	203	83.3	583	\$5,891
Propane in place of Natural Gas - Add \$54 to Trade Price Taco #0010 circulator in place of Taco #007 - Add \$235 to Trade Price							

USA - For altitudes above 2,000 ft. ratings should be reduced at the rate of 4% for each 1,000 ft. above sea level.



MASS.
APPROVED



Heat Exchanger constructed and tested in accordance with ASME Section IV standard

STANDARD EQUIPMENT

- Completely factory assembled, pre-wired and crated with built-in rear draft diverter
- Deluxe powder coated steel jacket with two-tone textured finish
- 3/4" Boiler Drain
- A.S.M.E. Relief Valve (30 psi)
- Taco #007 Circulator
- Vent Damper
- Switches - One Blocked Vent Switch and One Rollout Switch
- Complete Installation Instruction Manual
- Completely installed and wired gas control system with burners and manifold consisting of:
 - Stainless Steel Burners
 - Combination Pilot Burner/Electrode Flame Sensor
 - Step Opening Automatic Redundant Combination Gas Valve, 24 Volt
 - Honeywell Integrated Boiler Control System for Natural Gas or Propane Gas with Additional Circulator Output for Indirect Water Heater or Second Heating Zone
- Combination Pressure/Temperature Gauge
- Standard piping on the right side
 - Boiler is easily field convertible to left side piping
- Specify natural gas (N) or LP gas (L) when ordering
- Built-in non-combustible base



ORDERING EXAMPLE:
AWR105E(N/L)

FUEL

N = Natural Gas
L = LP Gas

OPTIONAL EQUIPMENT

	TRADE PRICE
• 24 Volt LWCO Kit (P/N 761000)	\$ 154
• LWCO Harness Only (P/N 9601835)	\$ 33
• OC System	SEE PAGE 26
• Additional Optional Equipment	SEE PAGE 26



CAYMAN (CWI)

Built-in Draft Diverter - Cast Iron - Gas Fired - Hot Water - High Efficiency

MODEL	NO. OF SECS.	NATURAL GAS & LP GAS			AFUE %	APPROX. SHIPPING WEIGHT PACKAGED (LBS)	TRADE PRICE	
		INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET WATER RATING (MBH)			PACKAGED BOILER WITH COIL	PACKAGED BOILER LESS COIL
CWI103	4	103	85	74	83.0	432	\$5,463	N/A
CWI138	5	138	115	100	83.1	523	\$5,851	N/A
CWI172	6	172	143	124	83.2	596	\$6,363	N/A
CWI207	7	207	173	150	83.4	669	\$6,896	N/A
CWI241	8	241	201	175	83.5	757	\$7,414	N/A
CWI276	9	276	231	201	83.6	839	\$7,854	N/A
CWI311**†	10	311	255	222	81.4**	977	\$9,465	\$8,891
CWI346**†	11	346	284	247	81.4**	1,044	\$9,880	\$9,059
CWI380**†	12	380	312	271	81.4**	1,125	\$10,093	\$9,518
LP Gas in place of Natural Gas - Add \$54 to Trade Price								
Taco #0010 circulator in place of taco #007 - Add \$235 to Trade Price								

USA - For altitudes above 2,000 ft. ratings should be reduced at the rate of 4% for each 1,000 ft. above sea level.

*CWI311, CWI346 and CWI380 not available for elevations above 2,000 ft., not available for use with LP Gas. Vent damper not included.

**Thermal Efficiency

†Available as Semi-Packaged Boiler. Contact factory for pricing.



Heat Exchanger constructed and tested in accordance with ASME Section IV standard

STANDARD EQUIPMENT

CWI PACKAGED BOILER - WITH TANKLESS COIL

- Completely factory assembled, pre-wired and crated with built-in draft diverter
- Deluxe powder coated steel jacket with two-tone textured finish
- 3/4" Boiler Drain
- Tankless Coil (With Coil model)
- A.S.M.E. Relief Valve (30 psi)
- Taco #007 (CWI103 through CWI276) Circulator
- Taco #0010 (CWI311 through CWI380) Circulator
- Stainless steel burners
- Vent Damper (Optional on CWI311 through CWI380)
- Honeywell L8124E Combination High Limit Control and Circulator Relay
- Step Opening Honeywell Automatic Redundant Combination gas valve with intermittent pilot
- Switches - one Spill Switch and one Rollout Switch
- Built-in non-combustible base
- Complete Installation Instruction Manual

CWI PACKAGED BOILER - WITHOUT TANKLESS COIL

CWI311/346/380 ONLY

Same as Above Except:

- No Tankless Coil
- L8148E in place of L8124E



ORDERING EXAMPLE:

CWI103E(N/L)(T/L)

Fuel

N = Natural Gas
L = LP Gas

Coil

T = With Coil
L = Less Coil

OPTIONAL EQUIPMENT

	TRADE PRICE
• 8" Vent Damper with Wire Harness (CWI311) (With Coil P/N: 9600385) (Less Coil P/N: 9600380)	\$ 339
• 9" Vent Damper with Wire Harness (CWI346 and CWI380) (With Coil P/N: 9600395) (Less Coil P/N: 9600390)	\$ 339
• Additional Optional Equipment	SEE PAGE 26



BALI® (BWF)

Power Vent - Cast Iron - Gas Fired - Hot Water

MODEL	NO. OF SECS.	NATURAL GAS & LP GAS			AFUE %	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
		INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET WATER RATING (MBH)			
BWF061	3	61	51	44	83.3	282	\$4,151
BWF095	4	95	78	68	83.1	332	\$4,428
BWF128	5	128	106	92	82.8	382	\$4,759
BWF162	6	162	134	117	82.5	432	\$5,240
BWF195	7	195	161	140	82.3	482	\$5,638
BWF229	8	229	189	164	82.0	532	\$6,008
Taco #0010 circulator in place of Taco #007 - Add \$235 to Trade Price							

USA - For altitudes above 2,000 ft. ratings should be reduced at the rate of 4% for each 1,000 ft. above sea level.

*BWF boiler is for use with Category III venting. Boiler may be vented into a Category I chimney using optional Category I Vent Kit below.



Heat Exchanger constructed and tested in accordance with ASME Section IV standard



STANDARD EQUIPMENT

- Completely factory assembled, pre-wired and crated
- Deluxe powder-coated steel jacket with two tone textured finish
- Universal Vent System Adapter with gasket
- Flame Rollout Safety Shut-Off (Rollout Switch)
- Vacuum Switch for proving air flow
- Combination Pressure/Temperature Gauge
- Taco #007 circulator
- 3/4" boiler drain valve
- A.S.M.E. Relief Valve (30 psi)
- Built-in non-combustible base
- Completely installed and wired gas control system with burners and manifold consisting of:
 - Stainless Steel Burners
 - Step Opening Automatic Redundant Combination Gas Valve, 24 Volt
 - Honeywell Integrated Boiler Control System for Natural or Propane Gas with Additional Circulator Output for Indirect Water Heater Circulator or Second Heating Zone
 - Combination Pilot Burner Electrode/Flame Sensor
- Complete Installation Instruction Manual
- 3" Vent Collar (BWF061 - BWF162)
- 3" and 4" Vent Collar (BWF195 - BWF229)

ORDERING EXAMPLE:

BWF061E(N/L)

FUEL

N = Natural Gas

L = LP Gas

The BWF has special venting and clearance requirements.
Consult the Installation Manual or the factory.

OPTIONAL EQUIPMENT

	TRADE PRICE
• 24 Volt LWCO Kit (P/N 761000)	\$ 154
• Category I Vent Adaptor Kit (BWF061 through BWF128) (P/N: 650140)	\$ 221
• Category I Vent Adaptor Kit (BWF162 through BWF229) (P/N: 650141)	\$ 221
• Additional Optional Equipment	SEE PAGE 26



C A B O 2 (C W D)

Direct Vent - Cast Iron - Gas Fired - Hot Water - High Efficiency - Energy Star

MODEL	NO. OF SECS.	NATURAL GAS & LP GAS			AFUE %	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
		INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET WATER RATING (MBH)			
CWD060	3	60	51	44	85.1	280	\$4,337
CWD083	4	82	71	62	85.1	315	\$4,561
CWD110	5	110	94	82	85.2	350	\$4,837
CWD138	6	137	118	103	85.2	385	\$5,309
CWD165	7	165	142	123	85.2	420	\$5,727
CWD193	8	192	165	143	85.2	475	\$6,464
CWD220	9	220	189	164	85.2	525	\$6,796
CWD245	10	245	211	183	85.3	580	\$7,114
Taco #0010 circulator in place of Taco #007 - Add \$235 to Trade Price							



MASS. APPROVED



Heat Exchanger constructed and tested in accordance with ASME Section IV standard



STANDARD EQUIPMENT

- Completely factory assembled, pre-wired and crated
- Deluxe steel jacket with two tone textured finish
- Pressure Differential Switch for Proving Air Flow
- Universal Vent System Adapter
- Wet Leg Cast Iron Heat Exchanger
- Combination Pressure/Temperature Gauge
- Taco #007 Circulator
- 3/4" Boiler Drain Valve
- A.S.M.E. Relief Valve (30 psi)
- Built-in Non-Combustible Base
- Completely Installed and Wired Gas Control System with Burner and Manifold Consisting of:
 - Stainless Steel Burners
 - Step Opening Automatic Redundant Combination Gas Valve, 24V Pilot Filter
 - Honeywell Integrated Boiler Control System for Natural or Propane Gas with Additional Circulator Output for Indirect Water Heater Circulator or Second Heating Zone
- 3" Vent Collar (CWD060 - CWD138)
- 3" and 4" Vent Collar (CWD165 - CWD193)
- 4" Vent Collar (CWD220 - CWD245)
- Complete Installation Instruction Manual

The CWD has special venting and clearance requirements.
Consult the installation manual or the factory.

OPTIONAL EQUIPMENT

	TRADE PRICE
• 24 Volt LWCO Kit (P/N 761000)	\$ 154
• 3" CWD Horizontal Concentric Vent Terminal (P/N: 50-003)	\$ 545
• 4" CWD Horizontal Concentric Vent Terminal (P/N: 50-004)	\$ 558
• Vertical Concentric Vent Kit (For Use with 3" Vent Pipe Only) (P/N: 500005)	\$ 134
• Additional Optional Equipment	SEE PAGE 26



BERMUDA (BSI)

Built-in Draft Diverter - Cast Iron - Gas Fired - Steam

MODEL	NO. OF SECS.	NATURAL OR LP GAS				AFUE %	APPROX. SHIPPING WEIGHT PACKAGED (LBS)	TRADE PRICE
		INPUT (MBH)	HEATING CAPACITY (MBH)	AHRI NET RATING STEAM				
				SQ. FT.	MBH			
BSI069	3	69	57	179	43	81.9	354	\$4,329
BSI103	4	103	85	267	64	82.0	432	\$4,678
BSI138	5	138	113	354	85	82.0	504	\$5,168
BSI172	6	172	142	446	107	82.1	589	\$5,594
BSI207	7	207	171	533	128	82.1	669	\$6,305
BSI241 [†]	8	241	199	621	149	82.2	745	\$6,790
BSI276 [†]	9	276	229	708	172	82.2	826	\$7,238
BSI311 ^{*†}	10	310	240	790	180	77.5 ^{**}	957	\$8,050
BSI346 ^{*†}	11	345	267	879	200	77.5 ^{**}	1,044	\$8,731
BSI380 ^{*†}	12	379	294	966	221	77.5 ^{**}	1,125	\$9,086
LP Gas in place of Natural Gas - Add \$54 to Trade Price #67 LWCO in place of Probe LWCO - Add \$211 to Trade Price								

USA -For Altitudes Above 2,000 ft. Ratings Should Be Reduced at the Rate of 4% for Each 1,000 ft. Above Sea Level.

*BSI311, BSI346 and BSI380 Not Available for Elevations Above 2,000 ft., not available for use with LP Gas. Vent Damper not included.

**Thermal Efficiency

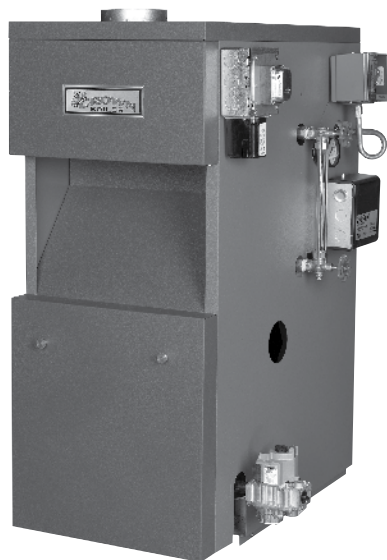
†Available as Semi-Packaged Boiler. Contact Factory for Pricing.



MASS.
APPROVED



Heat Exchanger constructed and tested in accordance with ASME Section IV standard



STANDARD EQUIPMENT

- Completely factory assembled, pre-wired and crated
- Deluxe powder coated steel jacket with two tone textured finish
- Steam Pressure Gauge
- 3/4" Boiler Drain
- A.S.M.E. Pop Safety Valve (15 psi)
- L-404F Pressure-Trol
- Stainless steel burners
- Gauge glass set
- Switches - one Spill Switch and One Rollout Switch
- CG400A Probe Low Water Cutoff mounted
- Vent Damper (BSI069 through BSI276 Only)

ORDERING EXAMPLE:

BSI103E(N/L)(P/F)

Fuel

N = Natural Gas
L = LP Gas

LWCO

P = Probe Type
F = Float Type

OPTIONAL EQUIPMENT

	TRADE PRICE
• Near Boiler Piping Kit for BSI069/103/138/172 (Single Riser) (P/N: 850095)	\$ 491
• Near Boiler Piping Kit for BSI069/103/138/172 (Dual Riser) (P/N: 850099)	\$ 578
• Near Boiler Piping Kit for BSI207 (P/N: 850096)	\$ 817
• Near Boiler Piping Kit for BSI241/276 (P/N: 850097)	\$ 960
• Near Boiler Piping Kit for BSI311/346/380 (P/N: 850098)	\$ 1,181
• 8" Vent Damper with wire harness (BSI311) (P/N: 9600360)	\$ 339
• 9" Vent Damper with wire harness (BSI346 and BSI380) (P/N: 9600370)	\$ 339
• Additional Optional Equipment	SEE PAGE 26



TOBAGO (TWZ)

Wet Base - Cast Iron - Oil Fired - Hot Water

MODEL	NO. OF SECS.	HEATING CAPACITY (MBH)	AHRI NET WATER RATING (MBH)	BURNER CAPACITY (GPH)	TANKLESS HEATER (GPM)	AFUE%	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE					
								PACKAGED BOILER BECKETT		PACKAGED BOILER CARLIN		PACKAGED BOILER RIELLO	
								WITH COIL	LESS COIL*	WITH COIL	LESS COIL*	WITH COIL	LESS COIL*
TWZ065	3	80	70	0.65	2.75	86.1	560	\$5,100	\$4,830	\$5,100	\$4,830	N/A	N/A
TWZ075	3	91	79	0.75	3.00	85.8	560	\$5,100	\$4,830	N/A	N/A	\$5,292	\$5,023
TWZ100	3	120	104	1.00	3.25	84.3	560	\$5,100	\$4,830	\$5,100	\$4,830	\$5,292	\$5,023
TWZ090	4	111	97	0.90	3.25	86.0	680	\$5,726	\$5,458	\$5,726	\$5,458	N/A	N/A
TWZ125	4	152	132	1.25	3.75	85.1	680	\$5,726	\$5,458	\$5,726	\$5,458	\$5,842	\$5,573
TWZ150	4	179	156	1.50	4.00	84.0	680	\$5,726	\$5,458	\$5,726	\$5,458	\$6,180	\$5,912
TWZ120	5	147	128	1.20	3.50	85.9	800	\$6,605	\$6,336	\$6,605	\$6,336	N/A	N/A
TWZ175	5	210	183	1.75	4.25	85.1	800	\$6,605	\$6,336	\$6,605	\$6,336	\$7,053	\$6,787
TWZ200	5	238	207	2.00	4.75	84.7	800	\$6,605	\$6,336	N/A	N/A	\$7,053	\$6,787
Taco #0010 circulator in place of Taco #007 - Add \$235 to Trade Price 2-Stage Fuel Pump in place of Single State Fuel Pump (mounted) (Beckett only) - Add \$150 to Trade Price Hydrolevel Hydrostat #3250 (combination aquastat & LWCO) in place of Honeywell Aquastat - Add \$125 to Trade Price													

1. Tankless heater ratings based on an average temperature rise of 90°F with 200°F boiler water temperature and 40°F heater inlet temperature (intermittent draw).
2. Input based on 140,000 BTUs per gallon #2 fuel oil.

TWZ - WITH COIL

STANDARD EQUIPMENT - PACKAGED BOILER - WITH TANKLESS COIL

- Completely factory assembled, pre-wired and crated
- Tankless Coil (installed)
- Deluxe powder coated steel jacket with two tone textured finish
- Combination Temperature/Pressure Gauge
- Boiler Drain
- Oil Burner with Cad Cell Relay & Nozzle
- A.S.M.E. Relief Valve (30 psi)
- L-7224A Electronic Aquastat Relay
- Barometric Draft Regulator
- Taco #007 Circulator
- Pre-wired w/ 3-Prong Twist Plug
- Cast Iron Swing Door

ORDERING EXAMPLE:

TWZ100BOT

TWZ - LESS COIL

STANDARD EQUIPMENT - PACKAGED BOILER - WITHOUT TANKLESS COIL:

Same as Above Except:

- No Tankless Coil or coil opening
- L-7248L in place of L-7224

ORDERING EXAMPLE:

TWZ100BOL



M.E.A. APPROVED
23-01-E

Heat Exchanger constructed and tested in accordance with ASME Section IV standard



BOILER NOT FOR
DIRECT INSTALLATION ON
COMBUSTIBLE FLOORS

OPTIONAL EQUIPMENT

	TRADE PRICE
• Extra Rating Plate and Nozzle (Specify Model)	\$ 21
• OS-100 for Hydrolevel (P/N 450358)	\$ 60
• Additional Optional Equipment	SEE PAGE 26



TWZ "SHORTY" PAC

Wet Base - Cast Iron - Oil Fired - Hot Water

MODEL	NO. OF SECS.	TRADE PRICE							
		BLOCK/ JACKET ASSEMBLY		BECKETT BURNER & CONTROL CARTON		CARLIN BURNER & CONTROL CARTON		RIELLO BURNER & CONTROL CARTON	
		WITH COIL	LESS COIL	WITH COIL	LESS COIL	WITH COIL	LESS COIL	WITH COIL	LESS COIL
TWZ065	3	TWZ003WCZ3SH \$3,284	TWZ003LCZ3SH \$3,082	131065BTT \$1,815	1311065BLT \$1,748	131065CTT \$1,815	131065CLT \$1,748	N/A	N/A
TWZ075	3	TWZ003WCZ3SH \$3,284	TWZ003LCZ3SH \$3,082	131075BTT \$1,815	131075BLT \$1,748	N/A	N/A	131075RTT \$2,007	131075RLT \$1,942
TWZ100	3	TWZ003WCZ3SH \$3,284	TWZ003LCZ3SH \$3,082	131100BTT \$1,815	131100BLT \$1,748	131100CTT \$1,815	131100CLT \$1,748	131100RTT \$2,007	131100RLT \$1,942
TWZ090	4	TWZ004WCZ3SH \$3,789	TWZ004LCZ3SH \$3,587	131090BTT \$1,936	131090BLT \$1,871	131090CTT \$1,936	131090CLT \$1,871	N/A	N/A
TWZ125	4	TWZ004WCZ3SH \$3,789	TWZ004LCZ3SH \$3,587	131125BTT \$1,936	131125BLT \$1,871	131125CTT \$1,936	131125CLT \$1,871	131125RTT \$2,053	131125RLT \$1,986
TWZ150	4	TWZ004WCZ3SH \$3,789	TWZ004LCZ3SH \$3,587	131150BTT \$1,936	131150BLT \$1,871	131150CTT \$1,936	131150CLT \$1,871	131150RTT \$2,391	131150RLT \$2,325
TWZ120	5	TWZ005WCZ3SH \$4,684	TWZ005LCZ3SH \$4,481	131120BTT \$1,921	131120BLT \$1,855	131120CTT \$1,921	131120CLT \$1,855	N/A	N/A
TWZ175	5	TWZ005WCZ3SH \$4,684	TWZ005LCZ3SH \$4,481	131175BTT \$1,921	131175BLT \$1,855	131175CTT \$1,921	131175CLT \$1,855	131175RTT \$2,369	131175RLT \$2,306
TWZ200	5	TWZ005WCZ3SH \$4,684	TWZ005LCZ3SH \$4,481	131200BTT \$1,921	131200BLT \$1,855	N/A	N/A	131200RTT \$2,369	131200RLT \$2,306
<p>Taco #0010 circulator in place of Taco #007 - Add \$235 to Trade Price</p> <p>2-Stage Fuel Pump in place of Single State Fuel Pump (mounted) (Beckett only) - Add \$150 to Trade Price</p> <p>Hydrolevel Hydrostat #3250 (combination aquastat & LWCO) in place of Honeywell Aquastat: Add \$125 to Trade Price</p>									

For a complete package, order a block/jacket assembly and one of the corresponding burner/control cartons



Heat Exchanger constructed and tested in accordance with ASME Section IV standard

23-01-E

STANDARD EQUIPMENT

Boiler Battery

- Cast Iron Block
- Cast Iron Swing Door
- Deluxe powder-coated steel jacket with two tone textured finish
- Tankless Coil boilers come with coil and gasket installed
- Without Tankless Coil boilers are without coil opening

ORDERING EXAMPLE:

TWZ003WCZ3SH and 131065BTT

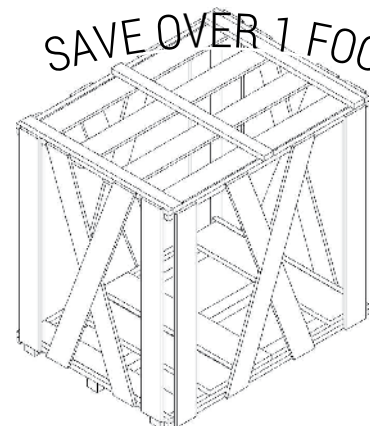
STANDARD EQUIPMENT

Burner & Control Carton

- Oil Burner
 - Pre-wired w/ 3-prong twist plug
- Pre-wired Aquastat & Well
 - L-7248L (Less Coil) or L-7224A (With Coil)
- Taco #007 Circulator
- Barometric Draft Regulator
- 1-1/2" Flange Set and Fittings
- Temp/Pressure Gauge
- 3/4" Relief Valve
- 3/4" Boiler Drain
- Installation/Operation Manual

BOILER NOT FOR DIRECT INSTALLATION ON COMBUSTIBLE FLOORS

SAVE OVER 1 FOOT



STYLE	SHORTY		STANDARD PACKAGE	
	WIDTH	DEPTH	WIDTH	DEPTH
TWZ-3 SEC	28"	23"	30"	36"
TWZ-4 SEC	28"	28"	30"	41"
TWZ-5 SEC	28"	33"	30"	51"

OPTIONAL EQUIPMENT See Page 15 Tobago (TWZ)



FREPORT II (FWZ)

3 Pass - Residential - Cast Iron - Oil - Hot Water

MODEL	NO. OF SECS.	BURNER INPUT		HEATING CAPACITY (MBH)	AHRI NET RATING (MBH)	AFUE (%)	TRADE PRICE					
		GPH	MBH				COMPLETE BOILER BECKETT		COMPLETE BOILER CARLIN		COMPLETE BOILER RIELLO	
							STANDARD	LESS CIRC AND DAMPER	STANDARD	LESS CIRC AND DAMPER	STANDARD	LESS CIRC AND DAMPER
FWZ060	2	0.6	84	73	63	86	\$4,375	\$4,157	N/A	N/A	N/A	N/A
FWZ080	2	0.8	112	97	84	86.3	\$4,447	\$4,229	N/A	N/A	N/A	N/A
FWZ081	3	0.8	112	99	86	87	\$4,998	\$4,783	\$5,037	\$4,822	N/A	N/A
FWZ100	3	1	140	123	107	87	\$4,916	\$4,701	\$5,094	\$4,879	\$5,020	\$4,805
FWZ130	4	1.3	182	160	139	87.1	\$5,509	\$5,294	\$5,630	\$5,414	\$5,613	\$5,398
FWZ160	5	1.6	222	197	171	87.1	\$5,872	\$5,650	\$5,993	\$5,771	\$5,976	\$5,754
Hydrolevel Hydrostat #3250 - Add \$125 to TRADE PRICE												

1. Input based on 140 MBH per gallon #2 fuel oil



Heat Exchanger constructed and tested in accordance with ASME Section IV standard

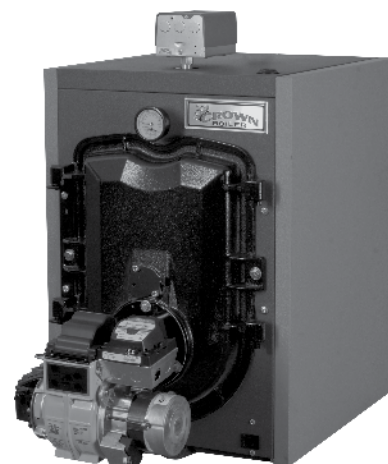
COMPLETE BOILER REQUIRES ONE OF EACH: PACKAGED BOILER AND BURNER BOX

FREPORT II - FWZ - STANDARD EQUIPMENT

- 3-pass cast iron block
- Cast Iron Swing Door with burner plug
- Deluxe powder coated steel jacket with two tone textured finish
- A.S.M.E. relief valve (30 PSI)
- Combination temperature/pressure gauge
- Taco #007 circulator
- Barometric damper
- Honeywell L7248L aquastat with thermal purge
- Sparge tube (boiler return injector)

BURNER BOX

- Beckett or Riello burner
- 3-prong quick disconnect cord
- FWZ080 burner box includes second pass flue baffles



ORDERING EXAMPLE

FWZ002LCZ1SP and 41080B

*Burner box packaged separately.

MODEL	NO. OF SECS.	TRADE PRICE				
		BOILER		BURNER BOX		
		PACKAGED (LESS: BURNER)	PACKAGED (LESS: BURNER, CIRCULATOR, DAMPER)	BECKETT	RIELLO	CARLIN
FWZ060	2	FWZ002LCZ1SP \$3,429	FWZ002LCZ2SP \$3,210	41060B \$946	N/A	N/A
FWZ080	2	FWZ002LCZ1SP \$3,429	FWZ002LCZ2SP \$3,210	41080B \$1,018	N/A	N/A
FWZ081	3	FWZ003LCZ1SP \$3,973	FWZ003LCZ2SP \$3,758	41081B \$1,025	N/A	41081C \$1,064
FWZ100	3	FWZ003LCZ1SP \$3,973	FWZ003LCZ2SP \$3,758	41100B \$943	41100R \$1,047	41100C \$1,121
FWZ130	4	FWZ004LCZ1SP \$4,566	FWZ004LCZ2SP \$4,350	41130B \$943	41130R \$1,047	41130C \$1,064
FWZ160	5	FWZ005LCZ1SP \$4,929	FWZ005LCZ2SP \$4,707	41160B \$943	41160R \$1,047	41160C \$1,064
Hydrolevel Hydrostat #3250 - Add \$125 to TRADE PRICE						

OPTIONAL EQUIPMENT

	TRADE PRICE
• 120 Volt LWCO Kit (P/N: 411000)	\$ 303
• Hydrolevel OS-100 Outdoor Sensor Kit for Boiler Equipped with Hydrolevel Hydrostat #3250 (P/N 450358)	\$ 60
• OC Panel System	SEE PAGE 26
• Additional Optional Equipment	SEE PAGE 26



FREEPORT II (FSZ)

3 Pass - Residential - Cast Iron - Oil - Steam

MODEL	NO. OF SECS	BURNER INPUT		HEATING CAPACITY (MBH)	AHRI NET RATINGS		AFUE (%)	TRADE PRICE				SHIPPING WEIGHT (LBS)
		GPH	MBH		MBH	SQ. FT.		BOILER		BURNER BOX		
								PACKAGED (LESS: BURNER, TANKLESS COIL)	PACKAGED (LESS BURNER, WITH TANKLESS COIL)	BECKETT	RIELLO	
FSZ080	3	0.80	112	97	73	303	85.7	FSZ003LCZ1SP \$4,767	FSZ003WCZ1SP \$5,224	42080B \$943	N/A	607
FSZ100	3	1.00	140	122	92	381	86.0	FSZ003LCZ1SP \$4,767	FSZ003WCZ1SP \$5,224	42100B \$1,018	42100R \$1,111	607
FSZ130	4	1.30	182	158	119	494	86.0	FSZ004LCZ1SP \$5,571	FSZ004WCZ1SP \$5,947	42130B \$943	42130R \$1,047	744
FSZ160	5	1.60	224	195	146	610	85.9	FSZ005LCZ1SP \$6,402	FSZ005WCZ1SP \$6,885	42160B \$943	42160R \$1,047	881

1. Input based on 140 MBH per gallon #2 fuel oil

**COMPLETE BOILER REQUIRES ONE OF EACH:
PACKAGED BOILER AND BURNER BOX**



Heat Exchanger constructed and tested in accordance with ASME Section IV standard

FREEPORT II - FSZ - STANDARD EQUIPMENT - ALL BOILERS

- 3-pass cast iron block
- Cast iron swing door with burner plug
- Deluxe powder coated steel jacket with two tone textured finish
- A.S.M.E. safety valve (15 PSI)
- Pressure gauge
- Barometric damper
- Hydrolevel CG450 probe low water cutoff
- Honeywell L404 pressure limit

WITH COIL BOILERS INCLUDE

- Tankless coil
- Honeywell L4006A limit control

BURNER BOX

- Beckett or Riello burner
- 3-prong quick disconnect cord
- FSZ100 burner box includes second pass flue baffles

ORDERING EXAMPLE:

FSZ003LCZ1SP and 42080B



*Burner box packaged separately.

OPTIONAL EQUIPMENT

	TRADE PRICE
• Near Boiler Piping Kit for FSZ080/100/130 (P/N: 421095)	\$ 641
• Near Boiler Piping Kit for FSZ160 (P/N: 421096)	\$ 961
• Additional Optional Equipment	SEE PAGE 26



KINGSTON (KSZ)

Wet Base - Cast Iron - Oil Fired - Steam

MODEL	NO. OF SECS.	HEATING CAPACITY (MBH)	AHRI		INPUT (GPH)	TANKLESS COIL RATING (GPM)	AFUE%	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE					
			NET OUTPUT (MBH)	SQ. FT. RAD.					PACKAGED WITH BECKETT		PACKAGED WITH CARLIN		PACKAGED WITH RIELLO	
									WITH COIL	LESS COIL	WITH COIL	LESS COIL	WITH COIL	LESS COIL
KSZ065	3	78	56	233	0.65	2.25	85.1	570	\$5,518	\$5,024	\$5,518	\$5,024	N/A	N/A
KSZ075	3	90	68	283	0.75	2.25	84.5	570	\$5,518	\$5,024	N/A	N/A	\$5,710	\$5,215
KSZ100	3	119	89	370	1.00	2.50	83.5	570	\$5,518	\$5,024	\$5,518	\$5,024	\$5,710	\$5,215
KSZ090	4	108	81	338	0.90	2.50	85.0	690	\$6,186	\$5,702	\$6,186	\$5,702	N/A	N/A
KSZ125	4	149	112	467	1.25	2.75	84.2	690	\$6,186	\$5,702	\$6,186	\$5,702	\$6,378	\$5,892
KSZ150	4	177	133	554	1.50	3.00	83.1	690	\$6,186	\$5,702	\$6,186	\$5,702	\$6,633	\$6,147
KSZ120	5	144	108	450	1.20	2.75	85.4	810	\$6,774	\$6,275	\$6,774	\$6,275	N/A	N/A
KSZ175	5	207	155	646	1.75	3.25	83.1	810	\$6,774	\$6,275	\$6,774	\$6,275	\$7,226	\$6,728
KSZ200	5	235	176	733	2.00	3.50	82.9	810	\$6,774	\$6,275	N/A	N/A	\$7,226	\$6,728
#67 LWCO in place of Probe LWCO - Add \$201 to Trade Price 2-Stage Fuel Pump in place of Single Stage Fuel Pump (mounted) (Beckett only) - Add \$143 to Trade Price														

1. Tankless heater ratings based on an average temperature rise of 90°F with 200°F boiler water temperature and 40°F heater inlet temperature (intermittent draw).
2. Input based on 140,000 BTUs per gallon #2 fuel oil.



Heat Exchanger constructed and tested in accordance with ASME Section IV standard

KSZ - WITH COIL

STANDARD EQUIPMENT- PACKAGED BOILER - WITH COIL

- Completely Factory Assembled, Pre-Wired and Crated
- Barometric Draft Regulator
- L404F Pressure-Trol
- Deluxe Powder Coated Steel Jacket with Two Tone Textured Finish
- L4006A Aquastat (with Coil)
- Oil Burner with Cad Cell Relay & Nozzle
- Glass Gauge
- CG450 Probe Low Water Cutoff
- A.S.M.E. 3/4" Pop Safety Valve (15 psi)
- Pre-wired w/ 3-prong twist plug
- Tankless Coil (Installed)
- Boiler Drain

ORDERING EXAMPLE:

KSZ100(B/C/R)O(P/F)T

KSZ - LESS COIL

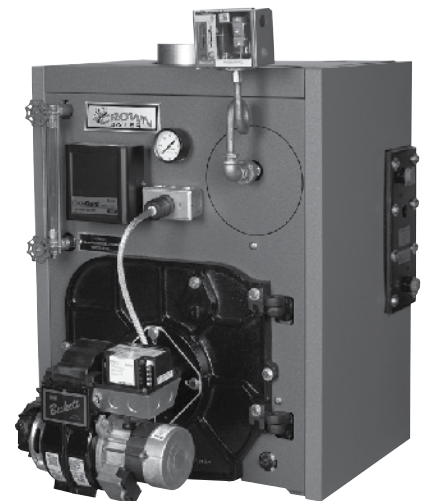
STANDARD EQUIPMENT - PACKAGED BOILER - LESS COIL

Same as Above Except:

- No Tankless Coil
- No L4006A Aquastat

ORDERING EXAMPLE:

KSZ100(B/C/R)O(P/F)Z



**BOILER NOT FOR
DIRECT INSTALLATION ON
COMBUSTIBLE FLOORS**

Burner	LWCO	Coil
B = Beckett	P = Probe Type	T = With Coil
C = Carlin	F = Float Type	Z = Less Coil
R = Riello		

OPTIONAL EQUIPMENT

	TRADE PRICE
• Near Boiler Piping Kit (P/N: 280095)	\$ 683
• Extra Rating Plate and Nozzle (Specify Model)	\$ 21
• Additional Optional Equipment	SEE PAGE 26



KSZ "SHORTY" PAC

Wet Base - Cast Iron • Oil Fired - Steam

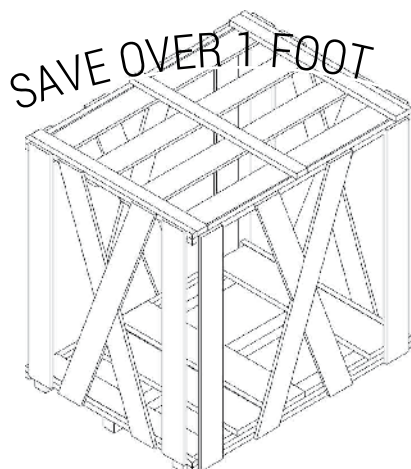
MODEL	NO. OF SECS.	TRADE PRICE							
		BLOCK/JACKET ASSEMBLY		BECKETT BURNER & CONTROL CARTON		CARLIN BURNER & CONTROL CARTON		RIELLO BURNER & CONTROL CARTON	
		WITH COIL	LESS COIL	WITH COIL	LESS COIL	WITH COIL	LESS COIL	WITH COIL	LESS COIL
KSZ075	3	KSZ003WCZ2SH \$3,670	KSZ003LCZ2SH \$3,278	141075BTP \$1,848	141075BLP \$1,746	N/A	N/A	141075RTP \$2,039	141075RLP \$1,936
KSZ100	3	KSZ003WCZ2SH \$3,670	KSZ003LCZ2SH \$3,278	141100BTP \$1,848	141100BLP \$1,746	141100CTP \$1,848	141100CLP \$1,746	141100RTP \$2,039	141100RLP \$1,936
KSZ125	4	KSZ004WCZ2SH \$4,338	KSZ004LCZ2SH \$3,956	141125BTP \$1,848	141125BLP \$1,746	141125CTP \$1,848	141125CLP \$1,746	141125RTP \$2,039	141125RLP \$1,936
KSZ150	4	KSZ004WCZ2SH \$4,338	KSZ004LCZ2SH \$3,956	141150BTP \$1,848	141150BLP \$1,746	141150CTP \$1,848	141150CLP \$1,746	141150RTP \$2,295	141150RLP \$2,191
KSZ175	5	KSZ005WCZ2SH \$4,925	KSZ005LCZ2SH \$4,529	141175BTP \$1,848	141175BLP \$1,746	141175CTP \$1,848	141175CLP \$1,746	141175RTP \$2,300	141175RLP \$2,199
KSZ200	5	KSZ005WCZ2SH \$4,925	KSZ005LCZ2SH \$4,529	141200BTP \$1,848	141200BLP \$1,746	N/A	N/A	141200RTP \$2,300	141200RLP \$2,199
#67 LWCO in place of Probe LWCO - Add \$201 to Trade Price 2-Stage Fuel Pump in place of Single Stage Fuel Pump (mounted) (Beckett only) - Add \$143 to Trade Price									

For a complete package, order a block/jacket assembly and one of the corresponding burner/control cartons



M.E.A. APPROVED
23-01-E

Heat Exchanger constructed and tested in accordance with ASME Section IV standard



STANDARD EQUIPMENT

Boiler Battery

- Cast Iron block
- Cast Iron Swing Door
- Deluxe powder-coated steel jacket with two tone textured finish
- Tankless coil boilers come with coil and gasket installed
- Without Tankless Coil boilers are without coil opening

ORDERING EXAMPLE:

KSZ003WCZ2SH and 141075BTP

STANDARD EQUIPMENT

Burner & Control Carton

- Oil Burner
 - Pre-wired w/ 3-prong twist plug
- Barometric Draft Regulator
- Steam Gauge
- A.S.M.E. 3/4" Pop Safety Valve (15 psi)
- 3/4" Boiler Drain
- Installation/Operation Manual
- L404F Pressure-Trol
- CG450 Probe Low Water Cutoff
- Glass Gauge
- L4006A Aquastat (With Coil boilers)

STYLE	SHORTY		STANDARD PACKAGE	
	WIDTH	DEPTH	WIDTH	DEPTH
KSZ-3 SEC	28"	23"	30"	36"
KSZ-4 SEC	28"	28"	30"	41"
KSZ-5 SEC	28"	33"	30"	51"

BOILER NOT FOR
DIRECT INSTALLATION ON
COMBUSTIBLE FLOORS

OPTIONAL EQUIPMENT See Page 19 Kingston (KSZ)



SERIES 16H

Commercial - Cast Iron - Gas Fired - Hot Water Only - Gas (Semi Packaged)

MODEL	NO. OF SECS.	INPUT MBH	GROSS OUTPUT MBH	NET WATER RATING MBH	THERMAL EFFICIENCY %	APPROX. SHIPPING WEIGHT	TRADE PRICE
16H-340	7	340	275	239	81.0	870	\$8,227
16H-410	8	410	328	285	80.1	950	\$8,900
16H-460	9	460	370	322	80.4	1040	\$9,571
16H-505	10	505	406	353	80.5	1140	\$10,236

Propane in place of natural gas - no additional charge.
For CSD-1 Control package - Add \$2,655 to trade price.

1. Net Water Ratings shown are based on piping and pickup allowance of 1.15.
2. Not approved for installation on combustible flooring unless installed with the combustible floor base (see Optional Equipment).
3. Not for installation on carpet



STANDARD EQUIPMENT

- Assembled cast iron sections with flue collector mounted on base assembly
- Complete Base Assembly
 - Includes burners, manifold, gas valve, pilot assembly
- R8285D Transformer Relay for circulator
- Water Trim Package
 - Includes tridicator gauge, 30 P.S.I. relief valve, limit control, boiler drain
- 100% shutoff gas controls
- Flame Rollout Switch
- Blocked Vent Switch
- Deluxe powder coated jacket w/ 3" insulation
- External draft hood
- Jacket packaged separately
- Series 16H is shipped as a semi-packaged boiler
- Specify natural gas (N) or LP gas (L) when ordering



ORDERING EXAMPLE:

16H-340W(N/L)

Fuel

N = Natural Gas

L = LP Gas

OPTIONAL EQUIPMENT

	TRADE PRICE
• Combustible Flooring Base for boiler model #16H-340 (P/N: 500507)	\$ 759
• Combustible Flooring Base for boiler model #16H-410 (P/N: 500508)	\$ 779
• Combustible Flooring Base for boiler model #16H-460 (P/N: 500509)	\$ 800
• Combustible Flooring Base for boiler model #16H-505 (P/N: 500510)	\$ 820
• L4006E-1133 Manual Reset High Limit with 1/2" short well (P/N: 3530016)	\$ 200
• #63-M McDonnell & Miller Reset Low Water Cut Off (P/N: 40-635)	\$ 545
• 50 P.S.I. Relief Valve (P/N: 95-082)	\$ 121
• #550 Hydrolevel Probe LWC0 (P/N: 450550)	\$ 309
• 8" Vent Damper with wire harness (16H-340) (P/N: 260038)	\$ 339
• 9" Vent Damper with wire harness (16H-410) (P/N: 260039)	\$ 339
• 10" Vent Damper with wire harness (16H-460/505) (P/N: 260040)	\$ 386
• Additional optional equipment	SEE PAGE 26



S E R I E S 2 4

Commercial - Cast Iron - Oil or Gas Fired - Hot Water or Steam Sections Unassembled

Water Boiler Ratings and Pricing

MODEL	NO. OF SECS.	GROSS OUTPUT (MBH)	AHRI NET RATING (MBH)	COMBUSTION EFF %		THERMAL EFF %		BURNER INPUT		VENT DIA (IN)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICES		
				GAS	OIL	GAS	OIL	GAS (MBH)	OIL (GPH)			BECKETT OIL	BECKETT GAS	LESS BURNER
24-03W	3	342	297	82.5	84.7	81.7	82.1	438	3.05	7	1278	\$ 9,991	\$ 13,306	\$ 8,397
24-04W	4	471	410	82.1	84.7	81.7	82.1	594	4.10	7	1590	\$ 11,915	\$ 15,114	\$ 10,178
24-05W	5	634	551	82.1	84.7	81.7	82.1	792	5.50	8	1902	\$ 14,009	\$ 17,421	\$ 12,269
24-06W	6	797	693	82.1	84.7	81.7	82.1	990	6.90	8	2218	\$ 18,192	\$ 19,618	\$ 14,335
24-07W	7	937	815	82.1	84.7	81.7	82.1	1174	8.10	8	2534	\$ 20,175	\$ 23,603	\$ 16,346
24-08W	8	1087	945	82.1	84.7	81.7	82.1	1358	9.40	10	2846	\$ 22,342	\$ 25,715	\$ 18,468
24-09W	9	1316	1148	82.1	84.7	81.7	82.1	1641	11.40	10	3227	\$ 24,916	\$ 28,760	\$ 20,593
24-10W	10	1505	1309	82.1	84.7	81.7	82.1	1867	13.00	10	3559	\$ 27,213	\$ 31,328	\$ 22,892
24-11W	11	1690	1470	82.1	84.7	81.7	82.1	2093	14.60	12	3870	\$ 31,474	\$ 33,587	\$ 25,149
24-12W	12	1852	1610	82.1	84.7	81.7	82.1	2320	16.00	12	4197	\$ 33,689	\$ 37,362	\$ 27,360
For New York City approval (BAR) oil burner-Add \$422 to Trade Price														

1. Shipping weight is less burner.
2. Burner Adaptor Plate is not included in less burner price.
3. There is an additional cost when ordering center sections with tankless heater openings in lieu of non-heater sections when specified on order



Steam Boiler Ratings and Pricing

MODEL	NO. OF SECS.	GROSS OUTPUT (MBH)	AHRI NET RATING		COMBUSTION EFF %		THERMAL EFF %		BURNER INPUT		VENT DIA (IN)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICES		
			SQ. FT. STEAM	MBH STEAM	GAS	OIL	GAS	OIL	GAS (MBH)	OIL (GPH)			BECKETT OIL	BECKETT GAS	LESS BURNER
24-03S	3	342	1071	257	82.5	84.4	80.0	81.5	438	3.05	7	1278	\$ 10,441	N/A	\$ 8,832
24-04S	4	471	1471	353	82.5	86.0	80.1	82.1	594	4.10	7	1590	\$ 12,366	\$ 15,566	\$ 10,628
24-05S	5	634	1983	476	82.4	85.5	80.1	82.4	792	5.50	8	1902	\$ 14,456	\$ 17,867	\$ 12,616
24-06S	6	797	2492	598	82.4	85.2	80.1	82.5	990	6.90	8	2218	\$ 19,759	\$ 20,066	\$ 14,691
24-07S	7	937	2929	703	82.3	85.1	80.1	82.6	1174	8.10	8	2534	\$ 20,624	\$ 24,039	\$ 16,793
24-08S	8	1087	3396	815	82.3	84.9	80.2	82.6	1358	9.40	10	2846	\$ 22,790	\$ 25,390	\$ 18,807
24-09S	9	1316	4146	995	82.3	84.8	80.2	82.7	1641	11.40	10	3227	\$ 25,360	\$ 29,209	\$ 20,987
24-10S	10	1505	4788	1149	82.2	84.8	80.2	82.7	1867	13.00	10	3559	\$ 27,660	\$ 31,782	\$ 23,341
24-11S	11	1690	5429	1303	82.1	84.7	80.3	82.7	2093	14.60	12	3870	\$ 31,937	\$ 34,039	\$ 25,528
24-12S	12	1852	5983	1436	82.1	84.7	80.3	82.7	2320	16.00	12	4197	\$ 34,136	\$ 37,847	\$ 27,811

1. Shipping weight is less burner.
2. Burner Adaptor Plate is not included in less burner price.
3. There is an additional cost when ordering center sections with tankless heater openings in lieu of non-heater sections when specified on order
4. Steam price includes a #67 Float Type LWCO



STANDARD EQUIPMENT - ALL BOILERS

- Cast iron sections - unassembled
- Center sections with heater openings (when specified)
- Short individual draw rods for assembly
- Flush type insulated jacket
- Flue canopy
- Lock-Type Flue Outlet Damper- rear outlet standard, top outlet optional
- Flue Cleanout Plates
- Target Wall - 24-03 only
- Flame Observation Ports in front and back
- Miscellaneous plugs, bushings and fittings
- Burner Mounting Plate w/insulating block
- Beckett gas or oil powered burner (when specified)

STANDARD EQUIPMENT - WATER TRIM

- 30 PSI Safety Relief Valve
- Pressure Temperature Gauge
- L4006A High Limit

STANDARD EQUIPMENT - STEAM TRIM

- 15 PSI Safety Valve
- Steam Gauge
- Gauge Glass Set
- L404F High Limit Pressuretrol
- #67 LWCO



SERIES 24 OPTIONAL EQUIPMENT

OPTIONAL EQUIPMENT

	TRADE PRICE
• Cast Iron Front Section (P/N 330000)	\$ 1,755
• Cast Iron Center Section (P/N 330002)	\$ 1,625
• Cast Iron Rear Section (P/N 330001)	\$ 1,846
• Cast Iron Center Steam Section (P/N 330003)	\$ 2,008
• Cast Iron Center Tankless Section (P/N 330004)	\$ 1,870
• Factory Assembled Sections (First 3 Sections)*	\$ 1,032
• Assembled Section (Each Additional Section)	\$ 226
• Push Nipples (Cost for Each) (4 Required Per Section) (P/N 310006)	\$ 27
• Top Flue Outlet (In Lieu of Standard Rear Outlet)	N/C
• 50 PSI Relief Valve In Lieu of Standard 30 PSI - Specify on Order (Water Only) (P/N: 95-082)	\$ 121
• 75 PSI Relief Valve In Lieu of Standard 30 PSI - Specify on Order (Water Only) (P/N: 950535)	\$ 121
• #64 LWCO (Steam Boilers)(P/N:40-640)	\$ 377
• 150 S-MD (P/N 40-160)	\$ 767
• #550 LWCO With Manual Reset (Water) (P/N 450550)	\$ 309
• #11-M McDonnell & Miller Reset Switch For #67 LWCO (Steam) (P/N 400100)	\$ 316
• L4079B Manual Reset Pressure Limit (Steam) (P/N:35-9200)	\$ 287
• L4006E Manual Reset High Limit (Water) (P/N:3503101)	\$ 200
• VXT-120 Hydrolevel Water Feeder (Steam) (P/N:45-122)	\$ 454
• Polyethylene Block for Setting Cast Iron Nipples (1" x 3" x 14") (P/N:330010)	\$ 76
• BRWC Boiler Return Water Control	
Recommended on water boilers to provide protection from thermal shock	Consult Factory
• Base Rails for Boiler Model:	
24-03, 24-04 (P/N330604)	\$ 113
24-05, 24-06 (P/N330606)	\$ 150
24-07, 24-08 (P/N330608)	\$ 191
24-09, 24-10 (P/N330610)	\$ 226
24-11, 24-12 (P/N330612)	\$ 257
• L4006A Operating Control for With Coil Boiler (Steam) (P/N: 35-3510)	\$ 111
• S-24 Tankless Coil (P/N330020)	\$ 764
• Blank Coil Plate and Gasket (Closes Unused Opening in Coil Section) (P/N: 330022)	\$ 50
• Additional Optional Equipment	SEE PAGE 26

*Assembled Section on a Shipping Skid.

TANKLESS COIL RATINGS

MODEL	MAX NO. OF COILS	RATING (GPM)	MODEL	MAX NO. OF COILS	RATING (GPM)
24-03	1	6.75	24-08	2	15.0
24-04	1	7.5	24-09	3	22.5
24-05	1	7.5	24-10	3	22.5
24-06	2	15.0	24-11	3	22.5
24-07	2	15.0	24-12	4	30.0

1. Ratings are given in gallons per minute continuous flow of water heated from 40°F to 140°F with 200°F boiler water. Pressure drop thru each coil is 5.5 Psi.
2. Center sections with tankless heater openings will be furnished in lieu of non-heater sections when specified on order.

BECKETT OIL BURNERS

BOILER MODEL	BURNER MODEL	PART NUMBER	HP	STANDARD MOTOR VOLTAGE	TRADE PRICE
24-03	CF-500	130240	1/3	120/60/1	\$1,389
24-04	CF-800	130241	1/3	120/60/1	\$1,484
24-05	CF-800	130241	1/3	120/60/1	\$1,484
24-06	CF-1400	130242	1/2	120/60/1	\$3,571
24-07	CF-1400	130242	1/2	120/60/1	\$3,571
24-08	CF-1400	130242	1/2	120/60/1	\$3,571
24-09	CF-2300	130244	3/4	120/60/1	\$3,940
24-10	CF-2300	130244	3/4	120/60/1	\$3,940
24-11	CF-2500	130245	2	240/60/1	\$5,423
24-12	CF-2500	130245	2	240/60/1	\$5,423

1. Burner Adapter Plate included in above price

BECKETT GAS BURNERS

BOILER MODEL	BURNER MODEL	PART NUMBER	HP	STANDARD MOTOR VOLTAGE	TRADE PRICE
24-03	CG-10-1S	130250	1/3	120/60/1	\$3,945
24-04	CG-10-4S	130251	1/3	120/60/1	\$3,977
24-05	CG-10-5S	130252	1/3	120/60/1	\$4,166
24-06	CG-10-6S	130253	1/3	120/60/1	\$4,264
24-07	CG-15-3S	130254	1/2	120/60/1	\$5,844
24-08	CG-15-4S	130255	1/2	120/60/1	\$5,844
24-09	CG-25-2S	130256	3/4	120/60/1	\$6,576
24-10	CG-25-3S	130257	3/4	120/60/1	\$6,781
24-11	CG-25-4S	130258	3/4	120/60/1	\$6,781
24-12	CG-50-2S	130259	2	240/60/1	\$8,058

1. Burner Adapter Plate included in above price
2. See installation manual for minimum gas inlet pressure



FW SERIES

3 Pass - Scotch Marine - Residential/Commercial - Cast Iron
Oil or Gas Fired - Hot Water

MODEL	GROSS OUTPUT (MBH)	AHRI NET RATING (MBH)	COMBUSTION EFF %		THERMAL EFF %		BURNER INPUT		VENT DIA (IN)	APPROX SHIPPING WEIGHT	TRADE PRICE* LESS BURNER*
			GAS	OIL	GAS	OIL	GAS (MBH)	OIL (GPH)			
FW-4	355	309	82.2	84.7	81.7	84.5	433	3.0	7	1126	\$ 9,754
FW-5	478	416	82.2	84.7	82.7	84.5	577	3.0	7	1313	\$ 10,987
FW-6	600	522	82.2	84.7	83.2	84.5	722	5.0	8	1524	\$ 12,322
FW-7	723	629	82.2	84.7	83.5	84.5	866	6.0	9	1743	\$ 13,779
FW-8	907	789	82.2	84.7	83.8	84.5	1082	7.5	10	1947	\$ 15,172
FW-9	1091	949	82.2	84.7	84.0	84.5	1299	9.0	10	2143	\$ 16,923

*Consult burner selection sheet for FW burner (See Page 25)



Heat Exchanger constructed and tested in accordance with ASME Section IV standard

STANDARD EQUIPMENT

- Boiler sections shipped fully assembled
- Refractory insulated hinged front door with sight glass
- Deluxe powder coated steel jacket with two tone textured finish
- Combination Temperature/Pressure Gauge
- A.S.M.E. Relief Valve
- High Limit Control (L4008A with Remote Capillary)
- Smoke Outlet Transmission Piece/Quad. Locking Damper
- Supply Manifold (for Mounting Controls)

MAXIMUM ALLOWABLE WORKING PRESSURE 75 PSI



OPTIONAL EQUIPMENT

	TRADE PRICE
• L4006E-1133 Manual Reset Hi-Limit (Water) (P/N: 3503101)	\$ 200
• #550 Hydroleve Probe LWCO with Manual Reset (Water) (P/N: 450550)	\$ 309
• #63-M McDonnell & Miller Manual Reset LWCO (P/N: 40-635)	\$ 545
• Burner Mounting Plates for Burners Supplied by Others.	\$ 311



FW SERIES BURNERS / OPTIONS

Oil Burners (For Gas and Gas/Oil Burners, Consult Factory.)

BOILER MODEL	POWER FLAME (OIL)		BECKETT (OIL)		BECKETT (NATURAL GAS)	
	BURNER MODEL	TRADE PRICE	BURNER MODEL	TRADE PRICE	BURNER MODEL	TRADE PRICE
FW-4	C1-0	Call Factory for Pricing	CF-500	\$1,389	CG-10	\$4,603
FW-5	C1-0	Call Factory for Pricing	CF-800	\$1,484	CG-10B	\$4,763
FW-6	C1-0	Call Factory for Pricing	CF-800	\$1,484	CG-10B	\$4,763
FW-7	C1-0	Call Factory for Pricing	CF-1400	\$3,571	N/A	N/A
FW-8	C2-0A	Call Factory for Pricing	CF-1400	\$3,571	N/A	N/A
FW-9	C2-0A	Call Factory for Pricing	CF-2300	\$3,940	N/A	N/A

NOTES:

- Power Flame is Lo-Hi-Off
- Beckett CF-500 and CF-800 is On-Off
- Beckett CF-1400 and CF-2300 are Manual Lo-Hi-Lo
 - For Automatic Lo-Hi-Lo Add L4006A2015 - \$87.00
- Burner Price includes Adapter Plate shipped on boiler.
- Burner Price Includes Combustion Control System as follows:
 - **Power Flame** - FW-4 through FW-9 Honeywell R8184G w/ Cad Cell
 - **Beckett** - FW-4 through FW-9, Honeywell R8184G w/ Cad Cell
 - FW-7 through FW-9, burners equipped with Low Fire Hold Switch



For Beckett CG-10 Gas Burner

- For use with natural gas only.
- On/Off with Low Fire Start.
- Voltage 120/60/1

Combustion Control System

- Flame Safeguard - Honeywell RM7897A
- Ultraviolet Flame Detection
- Direct Spark Ignition
- Approval - UL Listed/CSD-1 Configuration

Add to Standard Burner Prices

POWER FLAME (OIL)	UL CONTROLS FIRING SEQUENCE		BURNER MOTOR
BOILER MODEL	LO-HI-OFF	LO-HI-LO	TRADE PRICE
FW-4 through FW-7	STD	\$171	\$614
FW-8 through FW-9	STD	\$171	\$614

NOTES: LO-HI-LO and full modulation prices include controller. Full modulation burners include Manual Potentiometer and Manual Auto-Selector Switch. IRI oil burners are priced with spark ignition IRI and gas/oil burners are priced with gas pilot for both fuels. On gas/oil burners for separate spark ignition on oil mode add \$281 to Trade Price.

Standard Oil Burner Motor Voltages

POWER FLAME		BECKETT	
BOILER MODEL	VOLTAGE	BOILER MODEL	VOLTAGE
FW-4 through FW-7	120/60/1	FW-4 through FW-9	120/60/1
FW-8 through FW-9	230/60/1		

OPTIONAL EQUIPMENT

	TRADE PRICE
• Burner Mounting Plate for Burners Supplied by Others.	\$ 310



BOILER ACCESSORIES

Water Boiler Accessories

	TRADE PRICE
• Taco Circulator #0010 (P/N: 95-015).....	\$ 397
• #170 Hydroleve Probe LWCO (P/N: 45-170).....	\$ 194
• L4006E-1133 Manual Reset High Limit (Maximum Setting 240°)(P/N 3503101).....	\$ 200
• #550 Hydroleve Probe LWCO With Manual Reset (Water) (P/N: 450550).....	\$ 309
• CBE502-1 Taco 2-Zone Relay Panel with Priority (PC700-Ready) (P/N: 3501502).....	\$ 300
• Flexible Oil Line (each) (P/N 13-090).....	\$ 75
• Mounting Kit for Horizontal Tank (P/N 900920).....	\$ 299
• TWZ to TWD 3 Sec. Vent Kit 065/075 (P/N 270601).....	\$ 430
• TWZ to TWD 4 Sec. Vent Kit 090/125 (P/N 270603).....	\$ 430
• TWZ to TWD 5 Sec. Vent Kit 120 (P/N 270605).....	\$ 430

Steam Boiler Accessories

	TRADE PRICE
• #47-2 LWCO (P/N: 40-472).....	\$ 935
• #67 Float Type LWCO (P/N: 400676).....	\$ 415
• #WF2-U-24V UNI Match Automatic Water Feeder (P/N: 40-955).....	\$ 446
• VXT-24 Automatic Water Feeder (24V - Steam) (P/N: 45-026).....	\$ 454
• #11-M McDonnell & Miller Reset Switch For #67 LWCO (Steam) (P/N: 400100).....	\$ 316
• L4079B Manual Reset Pressure Limit (Steam) (P/N: 35-9200).....	\$ 287
• L4006A Operating Control for With Coil Boiler (Steam) (P/N: 35-3510).....	\$ 113
• VXT-120 Automatic Water Feeder (120V - Steam) (P/N: 45-122).....	\$ 454
• WF2-U-120V UNI Match Automatic Water Feeder (P/N: 40-950).....	\$ 445
• Flexible Oil Line (each) (P/N 13-090).....	\$ 75



OC SYSTEM

For Use with Aruba 4 (AWR) and Freeport 2 (FWZ) Boilers
When ordering the OC System you must order the following:

For Aruba 4 (AWR) Gas Hot Water Boilers

- PN 233200 - AWR OC Panel Kit

For Freeport 2 (FWZ) Oil Hot Water Boilers

- PN 233201 - FWZ OC Panel Kit

and at least one of the following card kits

- PN 233202 - High Limit Aquastat Kit
- PN 233203 - Outdoor Air Reset Kit
- PN 450602 - Low Water Cutoff Kit with Auto Reset
- PN 450604 - Low Water Cutoff Kit with Manual Reset



CROWN PART NUMBER	DESCRIPTION	NOTES	TRADE PRICE
233200	Aruba 4 (AWR) OC Panel Kit		\$125
233201	Freeport 2 (FWZ) OC Panel Kit		\$302
233202	High Limit Aquastat OC Panel Card Kit	Manual Reset	\$200
233203	Outdoor Air Reset OC Panel Card Kit		\$400
450602	Low Water Cutoff Panel Card Kit	Auto Reset	\$221
450604	Low Water Cutoff Panel Card Kit	Manual Reset	\$221



OIL FURNACE SERIES

STYLE	MODEL	BTU/H OUTPUT (1000'S)	AFUE%	Energy Star	MAX RECOMMENDED A/C	APPROX. SHIPPING WEIGHT (LBS)	PRICE
LOW PROFILE HIGH BOY	CSHB60-90ABP	60 / 72 / 90	85%	NO	4 TON	270	\$3,412
LOW PROFILE HIGH BOY	CSHB60-90ABT	60 / 72 / 90	85%	YES	4 TON	270	\$4,195
LOW BOY -FRONT	CLBF68-112CBP	70 / 88 / 98 / 114	85%	NO	3 1/2 TON	300	\$3,535
LOW BOY - REAR	CLBR68-112CBP	70 / 88 / 98 / 114	85%	NO	3 1/2 TON	300	\$3,535
HORIZONTAL / COUNTER FLOW	CHC68-96CBP	70 / 88 / 98 / 114	85%	NO	3 1/2 TON	280	\$3,797
HI BOY	CH8FA119P60B	101 / 119 / 132	85%	NO	5 TON	316	\$4,963



FEATURES

- Heavy gauge drum style heat exchanger
- Ceramic fiber combustion chamber
- Heavy duty 22-gauge powder coated cabinet
- Becket AFG model Burner
- Multi-speed direct drive blower motor
- Optional Variable Speed ECM Blower Motor
- Limited lifetime warranty on heat exchanger
- 5 year parts warranty



MEGA-STOR® II (MS2)

Stainless Steel, Indirect Water Heater

- Tank cylinder and heat exchanger made of 444 Stainless Steel
- Available in 5 standard sizes (30, 40, 50, 75, 119)
- Robotically welded, hydrostatically tested
- Passivated for maximum corrosion resistance
- Rugged design with coated steel jacket and heavy-duty polymer top and bottom to resist cracks and abrasions*
- Large diameter, smooth surface stainless steel coil maintains superior performance over the life of the tank
- Honeywell L4080B adjustable aquastat and internal stainless steel well
- Superior insulation keeps water hot for hours during standby
- Adjustable feet for uneven floors*
- Limited lifetime warranty

*Available on sizes 30 through 75



MODEL	POTABLE VOLUME (GAL)	APPROX SHIPPING WEIGHT (LBS)	TRADE PRICE
MS2030	30.1	69	\$1,859
MS2040	37.9	81	\$1,925
MS2050	50.6	100	\$2,305
MS2075	74.0	130	\$3,300
MS2119	111.3	251	\$5,150



MEGA-STOR® HORIZONTAL (MSH)

Stainless Steel Indirect Water Heater

MODEL	DOMESTIC TANK CAPACITY (GAL)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
MSH-40H*	38	168	\$2,999
MSH-53H*	51	193	\$3,438

*MSH-40 and MSH-53 are Horizontal Tanks. (Optional Boiler Mounting Kit Available - See Pricing Below)

STANDARD EQUIPMENT

- 5 Year Limited Warranty for Commercial Installations
- Stainless Steel Tank
- Stainless Steel Coil
- Readily Accessible Tank Opening for Inspection and Clean Out
- Smooth Coil Surface of Stainless Steel
- 2" CFC-Free Insulation
- Polypropylene Outer Jacket
- Honeywell L4006A Control Lifetime Limited Warranty Available for Residential Installations

OPTIONAL EQUIPMENT

	TRADE PRICE
• Boiler Mounting Kit for Horizontal Tank (MSH-40/53) (FWZ-CWD-BWF-AWR-CWI) (P/N: 900920)	\$ 285
• 3/4" NPT Thermostatic Mixing Valve (P/N: 220325)	\$ 136



MEGA-STOR® SOLAR TANK (MSS)

Solar Stainless Steel Indirect Water Heater

MODEL	DOMESTIC TANK CAPACITY (GAL)	COIL SURFACE UPPER/LOWER COIL (SQ FT)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
MSS-79S	76	9.5/10.1	126	\$4,350
MSS-119S	116	9.5/10.1	210	\$6,504
MSS-240S	240	17/24	262	\$10,965

STANDARD EQUIPMENT

- Stainless steel tank
- Convenient access cap for easy service
- Dual coils
- Two control locations
- 1-1/4" Domestic connections
- Additional 1-1/4" connection located on side of the tank
- 15 Year Limited Warranty
- One Honeywell L4006A control



MAXI-THERM 2 (MT)

Glass Lined Indirect Water Heater

MODEL	DOMESTIC TANK CAPACITY (GAL)	FIRST HOUR RATING (GAL/HR)	APPROX. SHIPPING WEIGHT (LBS)	TRADE PRICE
MT040 GBR	40	188	168	\$2,202
MT050 GBR	50	193	196	\$2,432
MT065 GBR	60	204	196	\$2,562
MT080 GBR	75	221	224	\$2,894
MT120 GBC	114	408	355	\$5,068

*Note: First Hour Ratings are Based on the Following Conditions: 180°F Boiler Supply, 58°F Cold Water In, 135°F Domestic Water Out.



STANDARD EQUIPMENT

- 10 Year Limited Warranty for Residential Installation
- 5 Year Limited Warranty for Commercial Installation
- Porcelain Enamel Tank
- Porcelain Enamel Coated Smooth Coil Surface
- Honeywell L4006A Aquastat
- T & P Valve

OPTIONAL EQUIPMENT

	TRADE PRICE
• NPT Thermostatic Mixing Valve (P/N: 220325)	\$ 143



EIGHT BASEBOARD

White

DESCRIPTION	TUBE SIZE (IN)	MODEL	SHIPPING WEIGHT (LBS)	TRADE PRICE
Complete Assembly - Single Pack <ul style="list-style-type: none"> • Front Panel • Back Panel • Damper Hanger Bracket • Heating Element W/ Plastic Sides • Assembled & shipped In single carton • Pre-cut lengths: <ul style="list-style-type: none"> - 2', 3', 4', 5', 6', 7', 8', 10' 	3/4	C8C-2	4	\$ 40
		C8C-3	6	\$ 60
		C8C-4	8	\$ 80
		C8C-5*	10	\$ 100
		C8C-6*	12	\$ 119
		C8C-7*	14	\$ 139
		C8C-8*	16	\$ 159
		C8C-10	20	\$ 198
Cover Only <ul style="list-style-type: none"> • Front Panel • Back Panel • Damper Hanger Bracket • Assembled & shipped in single carton • Pre-cut lengths: <ul style="list-style-type: none"> - 2', 3', 4', 5', 6', 7', 8', 10' 	3/4	C8D-2	3	\$ 24
		C8D-3	4.5	\$ 37
		C8D-4	6	\$ 48
		C8D-5	7.5	\$ 72
		C8D-6	9	\$ 79
		C8D-7	10.5	\$ 85
		C8D-8	12	\$ 97
		C8D-10	15	\$ 122
Element Only (No Enclosure) <ul style="list-style-type: none"> • Complete w/ expansion cradles • 8" length only 	3/4	C8E-8	4	\$ 85

*Two inch splicer set included

Snap-On Accessories

ACCESSORY	DESCRIPTION	PART NO.	QTY PER CARTON	TRADE PRICE (EACH)
End Cover	3" Plain Left	C-12	12	\$15
	3" Plain Right	C-13	12	\$15
End Cover w/ Hinged Access Door	4" Top Hinged Left	C-14	12	\$27
	4" Top Hinged Right	C-15	12	\$27
Inside Corner	90°	C-18	12	\$11
	135°	C-19	12	\$42
Outside Corner	90°	C-21	12	\$44
	135°	C-22	12	\$43
Wall Trim	3" Left/Right	C-23L/C-23R	12	\$14
	5" Left/Right	C-24L/C-24R	12	\$16
Accessories	Damper Joiner	C-27	10 Sets	\$8
	2" Splicer	C-31	10 Sets	\$7
General	Hanger Brackets	C-33	10	\$18

Hide-A-Vectors

Hide-A-Vector Unit

Ready for installation under kitchen cabinets, bathroom cabinets, etc. Includes toe space, decorative grill with screws

• Model HAV-48, 11 lbs.	\$ 390
• Model HAV-88, 16 lbs.	\$ 498

Hide-A-Vector Unit - Enclosure and Front Grill (for vertical installation)

Mounts flush into walls at doorways, laundry rooms, etc. Includes cabinet with air scoop and fastening studs, louvered removable front panel

• Model HAV-48 ENC., 12 lbs.	\$ 260
• Model HAV-88 ENC., 21 lbs.	\$ 365

Speed Control Switch (for use with HAV-48 or HAV-88)

Fits standard junction box. Multi-speed. Dial the precise degree of heat required

• Model HAV-SC, 1 lb.	\$ 96
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TRADE PRICE

MINIMUM ADVERTISED PRICE (MAP) POLICY

Velocity Boiler Works, LLC ("VBW") has built a strong reputation and following among the end-user consumers of our products. In order to preserve our reputation for providing customers with high value products and strong after-sales supports, and to further enhance our image and competitiveness in the marketplace, VBW has unilaterally established a policy of minimum advertised price ("MAP") standards for VBW products. The VBW MAP (or the MAP) policy will apply to all U.S. and Canadian dealers, distributors and resellers.

The MAP policy shall work under the following guidelines:

1. The MAP for all VBW's products shall be no less than Fifty percent (50%) of the Manufacturer's Trade Price List Price as listed in the current VBW Trade Price Book.
2. The MAP policy applies to all advertisements of VBW products in any and all media, including, but not limited to: flyers, posters, coupons, mailers, inserts, newspapers, magazines, catalogs, mail order catalogs, internet or similar electronic media, television, radio, and public signage. The MAP policy is not applicable to any in-store advertising that is not distributed to the customer.
3. "Bundling" or the inclusion in advertising of free or discounted products (whether made by VBW or another manufacturer) with a product covered by the MAP policy, would be contrary to the policy if it has the effect of discounting the advertised price of the product covered below the MAP.
4. Pricing listed on an internet site is considered an "advertised price" and must adhere to the MAP policy. Once the pricing is associated with an actual purchase (an internet order), the price becomes the selling price and is not bound by this MAP policy. Statements such as "we will match any price", and/or "call for price" are acceptable.
5. The MAP policy applies only to advertised prices and does not apply to the price at which the products are actually sold or offered for sale to an individual consumer within the dealer's location, over the telephone, or through a "bid" process. Dealers, distributors and resellers of VBW remain free to sell these products at any prices they elect.
6. The MAP policy does not establish maximum advertised prices. All dealers, distributors and resellers may offer VBW's products at any price in excess of the MAP established for such product.
7. The MAP policy does not in any way limit the ability of any dealer, distributor and/or reseller to advertise that "they have the lowest prices" or "they will meet or beat any competitors price" or that users of the product should "call for a price" or phrases of similar import as long as the price advertised or listed for the products is not less than the MAP.
8. From time to time VBW may discontinue models or engage in promotions with respect to certain products or engage in the sale of "close out" products and/or "B stock" inventory. In such events, VBW reserves the right to modify or suspend the MAP policy with respect to the affected products by notifying dealers, distributors and resellers of such change. VBW further reserves the right to unilaterally adjust the MAP with respect to all or certain products at its sole discretion upon seven (7) days advance notice on our website.
9. In the event a dealer, distributor or reseller chooses not to follow the MAP policy, sanctions may be unilaterally imposed by VBW at its sole discretion. Intentional and/or repeated failure to abide by this MAP policy may result in termination of business relationship, dealership or distributorship. VBW does not intend to do business with dealers, distributors and/or resellers who compromise the perceived value of VBW and its products.

VBW may monitor the advertised price of dealers, distributors or resellers. VBW reserves the right, in its unilateral discretion, to take other action to any dealer, distributor or reseller that violates the MAP policy. VBW will enforce the MAP policy at its sole discretion; therefore, no dealer, distributor or reseller has any right to rely on the continued existence of the MAP policy or any effort by VBW to enforce the MAP policy. The policy administrator shall be solely responsible for determining whether a violation of the policy has occurred, communicating decisions to dealers, distributors or resellers regarding the policy, and receiving any communication regarding sanctions imposed under this MAP policy. VBW SALES PERSONNEL OR OTHER EMPLOYEES HAVE NO AUTHORITY TO MODIFY OR GRANT EXCEPTIONS TO THIS POLICY. Therefore, all questions or comments regarding this MAP policy are to be directed to the policy administrator at Velocity Boiler Works, LLC. 3633 I. Street, Philadelphia PA, 19134.

10. This MAP policy has been unilaterally established by VBW to help ensure the legacy of VBW as a top manufacturer of high performance, high quality, professional products, and to protect the reputation of its name and products. The MAP policy is also designed to ensure dealers, distributors and resellers have the incentive to invest resources into services for VBW's customers.

VBW reserves the right at any time to modify, suspend, or discontinue the MAP policy in whole or in part or designate promotional periods during which the terms of the policy change or designate periods of time during which the policy is not applicable. Policy modifications shall be made available on the VBW's website at www.VelocityBoilerWorks.com



FREQUENTLY ASKED QUESTIONS

Quality
Value &
Service

Where do I make equipment pick-ups?

2045 Wheatsheaf Lane
Philadelphia, PA 19124

Where is Velocity Boiler Works, LLC located?

3633 I Street, Philadelphia, PA 19134

Contact Information:

Phone: 215-535-8900

Fax: 215-535-9736

Website: www.VelocityBoilerWorks.com

Key Contacts:

President: Yale Steingard, Yale@velocityboilerworks.com

National Sales Manager: Lee Ensminger, Lee@velocityboilerworks.com

Mid-Atlantic Regional Sales: William Genes, BillG@velocityboilerworks.com

Philadelphia and Eastern PA Sales: Sean Fellman, Sean@velocityboilerworks.com

Residential Equipment Sales: Nate Freidman, equipment_sales@velocityboilerworks.com

Parts Sales: Matt Kohles, parts_sales@velocityboilerworks.com

Commercial Equipment Sales: commercial_sales@velocityboilerworks.com

A/R & A/P: Nancy Hauth, Nancy@velocityboilerworks.com

Engineering: Paul Sohler, PaulS@velocityboilerworks.com

Where do I send my POs?

Fax: 215-535-9736

Parts: parts_sales@velocityboilerworks.com

Equipment: equipment_sales@velocityboilerworks.com

Commercial: commercial_sales@velocityboilerworks.com

Who do I contact for price and availability?

Parts: Matt Kohles 215-535-8900 ext. 1281 or email: parts_sales@velocityboilerworks.com

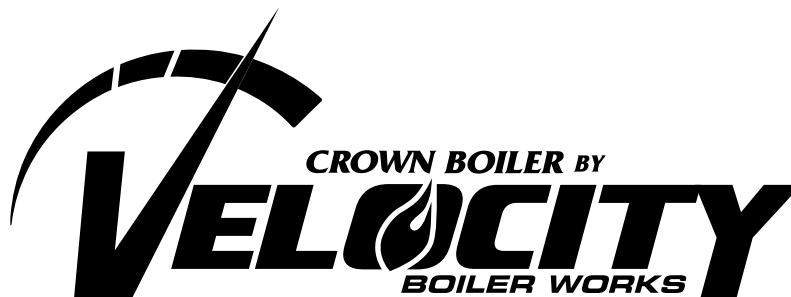
Equipment: Nate Freidman 215-535-8900 ext. 1280 or email: equipment_sales@velocityboilerworks.com

How do I handle a warranty claim?

Contact Warranty Department at 215-535-8900 ext. 1284 or warranties@velocityboilerworks.com

How do I obtain Technical Support?

Contact Technical Support Department at 215-535-8900 ext. 1286 or techsupport@velocityboilerworks.com



D E S I G N E D T O L E A D

3633 I Street • Philadelphia, PA 19134
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www.VelocityBoilerWorks.com