



Alternative Heating & Supplies

Be Self-Sufficient

Version 23

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AltHeatSupply.com

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Alternative Heating & Supplies

Be Self-Sufficient

About Us

We are a hard working, family team. Our business motto is, **"We are only good as our customers."**

This business exists because of you!! We live in Connecticut with our three children and have been in the wood furnace business for over 24 years.

After selling and installing hundreds of woods stoves ourselves, we're able to help you with everything from sizing the stove to parts & supplies as well as proper installation. We also specialize in quality yearly maintenance supplies.

Our Prices

We work hard to get the very best price for everyone. Because we buy in large quantities, we are able to keep our prices down. If you represent or know of someone who represents our products, we would love to talk. There is always room for improvement and we don't forget the people that help us grow.



Placing An Order

You can shop online through our website at www.AltHeatSupply.com, send us an email, or call to order.

We accept Visa, MasterCard, AmericanExpress, and Discover.

Shipping Policies

Standard shipping is \$14.99. Free Shipping on most items over \$199 within the Continental United States.

This does not apply to Canada or certain items that must be sent via Freight and a few oversized items.

We ship via UPS Ground. Shipping prices will vary, oversized and overweight charges may apply on some items.

We do not ship to Alaska & Hawaii.

Policies

Any order discrepancies must be reported within 24 hours of receiving products. Returns are accepted within 14 days of receiving the items. No returns on special order items.

VIEW OUR CURRENT PRICING ON OUR WEBSITE

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

Return Policies

All returns paid with a credit card are subject to a 7% return fee. Any items not returned in their original condition and/or box/packaging will be subject to a 25% restocking fee. If the item is not resalable, customers can choose to abandon the item or pay to have it returned to them. Returned or bounced checks will be charged an additional \$25.00.

Warranty Items

All warranty items must be returned within 7 days of contacting us. If we do not receive the item in a timely manner, we may not be able to warranty the item. If returned after 7 days, a 15% fee will be deducted from the reimbursement. This is done automatically, no exceptions. If you need the item ASAP, even before you return the defective item, you will be required to purchase the item, and then return the defective item within 7 days. At that time a full refund will be given. Customers are responsible for all costs of shipping the warranty item.

Our Location

Alternative Heating & Supplies LLC, 160 Christian Street, Oxford, CT 06478 (203) 881-1602








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Wood Boiler Treatments

BOILER TREATMENT Product Comparison	 Better!	 Best!	
	AmTech300	ProTech300	Competition
Formulated to Prevent Rust and Scale	↔	↔	?
SAFE for Stainless Steel & Mild Steel	↔	↔	?
Regulates & Balances pH	↔	↔	?
Levels of Protection	2	3	1 or 2
Protects Copper & Brass	↔	↔	?
Reduces Sludge & Mineral Deposits	↔	↔	?
Contains Nitrites & Silicate	↔	↔	?
Steam Neutralizer	↔	↔	
Up to 2 Years of Protection	↔	↔	
Test Kit Sold Separately	↔	↔	
Best Oxygen Control in the Business		↔	
Better for Units with Frequent Water Refills		↔	
Dye Indicator for Easy Visual Inspection		↔	
Enhances Other Products if Mixed		↔	
Works Well with Glycol		↔	?

Item	Description	SKU	Price	4 or more
	ProTech300 Boiler Treatment - The ProTech300. Formulated with chemical detection technology. We have taken it to the next level. It has the highest level of protection for the wood boiler than other brand-name boiler treatment. It has 3 levels of protection. That means 3 active ingredients in it. The 3 Protection "Levels" are 1. Nitrite 2. Phosphonate 3. Anodic inhibitor. ProTech300 provides protection for your wood boiler from rust, corrosion and scale. ProTech300 Boiler Water Treatment has been designed to be used in manufacturers boiler treatment programs. Adding 1 Gallon of ProTech300 to 300 gallons of boiler fill water will yield +/- 1000 ppm nitrite. Suggested nitrite levels are 750 ppm = Adequate, 1000 ppm = Good, 1500 ppm = Great. Dose system accordingly on required control levels set by your boiler manufacturer and your system's nitrite needs based on test results. Do it yourself test kits are available see 300 Test kit on page 4. The manufacturers can't tell the difference if you are using their expensive brand or our ProTech300, so send it into their labs with confidence. See our Boiler Treatment Product Comparison chart for all that is does.	ProTech300	\$44.99	\$39.95
	AmTech300 Boiler Treatment - The AmTech300. Offers 2 levels of protection - 2 Active Ingredients. AmTech 300 will protect your wood boiler from rust, corrosion, and scale. As well as balance pH and alkalinity. Our product has been designed to work just as well as any other name brand boiler treatments that come directly from other manufacturers without the Premium price tag. One gallon of AmTech300 will treat 300 gallons of boiler fill water and maintain 1000ppm nitrite level. However, like any other boiler treatment chemical, you must dose your treatment based on the needs of your system. You can determine the needs of your system by testing your boiler water using our do it yourself Wood Boiler Water Test Kits on page 4 - see the 300Testkit. See our Boiler Treatment Product Comparison chart for all that is does.	AmTech300	\$34.99	\$29.95

Wood Boiler Treatments

Item	Description	SKU	Price	Bulk Price
	300 Test Kit - Works with AmTech300 & ProTech300 300 Test Kit	300 Test Kit	\$19.95	\$17.95 / 6 or more
	<p>300 Test Kit - Test Nitrite levels easily and accurately just like the lab! This test kit is designed to test the Nitrite levels in your boiler fill water. It is an easy and accurate means to determine the level or amount of Nitrite in your system. Testing Nitrite on your own, ensures you are meeting your Wood Boiler Manufacturer's warranty program in order to comply with their warranty requirements in regards to boiler corrosion protection, as well as keeping your boiler water at its optimum chemical balance. Proper chemical levels within your system are essential to its performance and system protection.</p> <p>Test your boiler water before you send it in to the manufacturer's lab and ensure you get the full warranty on your unit. You can test your boiler water up to 10 times per kit!</p> <p>This test kit works only with our ProTech300 and AmTech300 Boiler Treatments.</p>			
	CF205 System Cleaner & Flush CF205	CF205	\$27.95	\$22.99 / 12 or more
	<p>CF205 System Cleaner - Promote a Clean and Efficient System. Our CF205 System Cleaner has been specifically designed for safely cleaning outdoor & indoor wood boilers with mild steel and/or stainless steel construction. It will safely remove deposits within the system that compromise boiler efficiency and promote corrosion. CF205 will also effectively re-establish a corrosion barrier at the metal surface as it works its cleaning action. CF205 may be used in other hydronic and solar applications as well. Another plus to this product is that it is environmentally friendly.</p> <p>One quart will treat 200 gallons. Nice trick to save money, It can be used with white vinegar to help with heavy corrosion. Add CF-205 directly to warm, circulating system (120-180 F). You can use up to 3 gallons of white vinegar with 1 CF205. How to Use: Run the CF205 in your unit for 4 to 8 hours and then drain system, refill and add boiler treatment. We recommend following up with the ProTech300 or AmTech300 Boiler Treatment.</p>			
	AmTech300 Boiler Treatment with Test Kit YMKit-1Am	YMKit-1Am		\$54.94
	<p>AmTech300 and 300 Test Kit- This yearly maintenance kit allows you to keep the nitrites at optimal levels, as well as balance pH and alkalinity levels. It provides you with 2 levels of protection for your wood boiler. The test kit allows you to check the nitrite levels to make sure you meet your boilers warranty requirements. It has been designed for outdoor and indoor wood boilers with mild or stainless steel construction. The kit includes one gallon of AmTech300 boiler treatment and one 300 Test Kit. Everything you need to keep your wood boiler running at its best.</p>			
	2 AmTech300 And 1-300 Test Kit YMKit-2Am	YMKit-2Am		\$89.93
	<p>AmTech 300 and Test Kit- This yearly maintenance kit allows you to keep the nitrites at optimal levels, as well as balance pH and alkalinity levels. It provides you with 2 levels of protection for your wood boiler. The test kit allows you to check the nitrite levels to make sure you meet your boilers warranty requirements. It has been designed for outdoor and indoor wood boilers with mild or stainless steel construction. This kit comes with 2-one gallon bottles of our AmTech300 Boiler Treatment and a 300 Test Kit.</p>			
	ProTech300 Boiler Treatment with Test Kit YMKit-1Pro	YMKit-1Pro		\$64.94
	<p>ProTech300 and 300 Test Kit - This yearly maintenance kit allows you to keep the nitrites at optimal levels, as well as balance pH and alkalinity levels. It provides you with 3 levels of protection for your wood boiler. The test kit allows you to check the nitrite levels to make sure you meet your boilers warranty requirements. It has been designed for outdoor and indoor wood boilers with mild or stainless steel construction. The kit includes one gallon of ProTech300 boiler treatment and one 300 Test Kit. Everything you need to keep your wood boiler running at its best.</p>			
	2 ProTech300 And 1-300 Test Kit YMKit-2Pro	YMKit-2Pro		\$109.93
	<p>ProTech300 and 300 Test Kit - This yearly maintenance kit allows you to keep the nitrites at optimal levels, as well as balance pH and alkalinity levels. It provides you with 3 levels of protection for your wood boiler. The test kit allows you to check the nitrite levels to make sure you meet your boilers warranty requirements. It has been designed for outdoor and indoor wood boilers with mild or stainless steel construction. This kit comes with 2-one gallon bottles of our ProTech300 Boiler Treatment and a 300 Test Kit.</p>			
	Molyarmor 350 MolyArmor	MolyArmor	1 Gallon	\$49.99
	Molyarmor Test Kit MolyTestKit	MolyTestKit	1 Test Kit	\$28.95
	<p>Molyarmor Corrosion & Scale Inhibitor - Prevents metal corrosion, scale and rust build-up, prolonging equipment life and improve efficiency. One gallon treats 200 gallons. Test kit includes 25 strips for testing both Moly and PH with one strip. These products are both WoodMaster's. Replaces Corquest 1200.</p>			
	Purple Power (32oz.) PP32	PP32	\$4.99	\$3.79 / 12 or more
	<p>Purple Power Industrial Strength Cleaner/Degreaser works great on a wide variety of surfaces in auto, farm, marine, home and industrial applications. The concentrated formula penetrates quickly and then creates a barrier between the stain and the surface being cleaned. This product wipes away the toughest stains in just seconds. It's the #1 rated cleaner/degreaser on the market. It's biodegradable, non-abrasive, non-flammable and phosphate-free.</p>			

Exterior Cleaner

Wood Boiler Maintenance Kits

Item	Description	SKU	Price
	Yearly Maintenance Kit with 6 feet of 1" fire rope*	MKit6-Pro	\$66.92
	Yearly Maintenance Kit with 7 feet of 1" fire rope*	MKit7-Pro	\$68.91
	Yearly Maintenance Kit with 8 feet of 1" fire rope*	MKit8-Pro	\$70.90
	Yearly Maintenance Kit with 9 feet of 1" fire rope*	MKit9-Pro	\$72.89
	Yearly Maintenance Kit with 6 feet of 1" fire rope*	MKit6-Am	\$56.92
	Yearly Maintenance Kit with 7 feet of 1" fire rope*	MKit7-Am	\$58.91
	Yearly Maintenance Kit with 8 feet of 1" fire rope*	MKit8-Am	\$60.90
	Yearly Maintenance Kit with 9 feet of 1" fire rope*	MKit9-Am	\$62.89
Item	Description	SKU	Price
	Maintenance Kit - 3300 This kit is all that you need to keep your WoodMaster 3300 Model stove working like the day you bought it! This Kit Includes: Fire rope (7 feet of 1 inch rope) for the 3300 WoodMaster door, 1- 10 oz. Black RTV silicone tube, 1- Fan Cover: FC546 and 1- Gallon of ProTech300 or AmTech300, which treats 300 gallons (2 years worth—½ gallon a year is all you need).	MKit3300-Pro	\$87.90
		MKit3300-Am	\$77.90
	Maintenance Kit - 4400 This kit is all you need to keep your WoodMaster 4400 Model stove working like the day you bought it! This Kit Includes: Fire rope (8 feet of 1 inch rope) for the 4400 WoodMaster door, 1-10 oz. Black RTV silicone tube, 1- Fan Cover: FC546 and 1- Gallon of ProTech300 or AmTech300 which treats 300 gallons (2 years worth—½ gallon a year is all you need).	MKit4400-Pro	\$89.89
		MKit4400-Am	\$79.89
	Maintenance Kit - 5500 This kit is all you need to keep your WoodMaster 5500 Model stove working like the day you bought it! This Kit Includes: Fire rope (9 feet of 1 inch rope) for the 5500 Wood Master door, 1-10 oz. Black RTV silicone tube, 2- Fan Covers: FC546 and 1- Gallon of ProTech300 or AmTech300 which treats 300 gallons.	MKit5500-Pro	\$110.87
		MKit5500-Am	\$100.87
	Maintenance Kit - 6500 This kit is all you need to keep your WoodMaster 6500 Model stove working like the day you bought it! This Kit Includes: Fire rope (18 feet of 1 inch rope) for the 6500 WoodMaster door, 1-10 oz. Black RTV silicone tube, 3- Fan Covers: FC546 and 2- Gallons of ProTech300 or AmTech300.	MKit6500-Pro	\$192.76
		MKit6500-Am	\$172.76

Door Seal Kits

Central Boiler Outdoor Wood Furnace Door Kit: Includes one 10 oz. tube of Professional Grade RTV Black Silicone and 9 feet of braided fiberglass door seal rope. Typical Applications: CL 4030, CL 5036, HF48, CL 4436, CL 5636, CL 5036	CBDS9	\$27.90
Central Boiler Outdoor Wood Furnace Door Kit: Includes one 10 oz. tube of Professional Grade RTV Black Silicone and 10 feet of braided fiberglass door seal rope. Typical Applications: CL 5646, CL 6048 and HF60	CBDS10	\$29.89
HeatMaster Outdoor Wood Furnace Door Kit: Includes one 10 oz. tube of Professional Grade RTV Black Silicone and 9 feet of braided fiberglass door seal rope.	HMDS9	\$27.90
Heatmor Outdoor Wood Boiler Door Seal Kit: Includes two 10 oz. tubes of Professional Grade RTV Black Silicone and 7 feet of braided fiberglass door seal rope. Parts should be replaced yearly. Cut away silicone seal. Remove the old gasket. Remove old silicone. Replace with new gasket material (do not pack or over stretch). Allow material to relax, then cut to length. Cover the door with silicone. Smooth to a flat finish.	HeatmorFRKit	\$33.91

"Freedom is the Greatest Fruit of Self-Sufficiency"

Door Seal/ Fire Rope

Fiberglass Firedoor Rope is used to seal most outside wood furnaces doors. Fiberglass will not burn, smolder or absorb water. It is flexible for installation around tight corners and is easily bondable with silicone. Changing the fire rope yearly will prevent air coming in (air leakage) which can damage the steel behind the door and cause the unit to smoke constantly. We sell the rope cut to order. Just determine the amount of rope your stove needs and we will cut to size for you.

For Example: 24 x 24" fire door would require 8 ft of rope. Also known as outdoor wood boiler fire rope, wood boiler door rope, fiberglass rope for fire door, stove door sealing rope, knitted fiberglass rope, fiberglass rope lagging, knit-braided fiberglass rope, fiberglass knit rope, fiberglass firedoor Rope, fiberglass high temperature rope for packing and sealing. Wood Doctor, Shaver wood furnace, WoodMaster, Central Boiler, Mahoning Wood Boiler, Empyre, Heat Master, Royal Wood Furnaces and most companies use the 1" rope.

To Install: To Install Fire rope simply pull out old fire rope, scrape the area clean, apply a bead of silicone into the channel, and add rope inside of the door seam. Leave it for 6 hours for the silicone to harden. Yes, it is that easy! Check out our YouTube video on installing!



Size	SKU	Item	Price Per Foot
5/8" Fiberglass Firedoor Rope	FR058	Less than 50 feet	\$1.39
		50-100 feet	\$1.19
		100-250 feet	\$1.09
		250 feet or more	\$0.99
3/4" Fiberglass Firedoor Rope	FR034	Less than 50 feet	\$1.59
		50-100 feet	\$1.39
		100-250 feet	\$1.29
		250 feet or more	\$1.19
7/8" Fiberglass Firedoor Rope	FR078	Less than 50 feet	\$1.89
		50-100 feet	\$1.79
		100-250 feet	\$1.69
		250 feet or more	\$1.59
1" Fiberglass Firedoor Rope	FR001	Less than 50 feet	\$1.99
		50-100 feet	\$1.99
		100-250 feet	\$1.89
		250 feet or more	\$1.79
1 1/4" Fiberglass Firedoor Rope	FR114	Less than 50 feet	\$4.79
		50-100 feet	\$4.59
		100-250 feet	\$4.39
		250 feet or more	\$3.99

Professional Grade RTV Silicone

Professional Grade High Temp RTV Silicone (Black) - 10 oz tube, can be used to seal wood boiler chimneys and doors. Can also be used to install Fire Rope.



SKU: Silicone \$9.99 per tube

Bulk Pricing!

\$9.49 per tube 3 or more

\$8.99 per tube 12 or more

"The Greatest Thing In The World Is To Know How To Be Self-Sufficient"

Replacement Parts



Item	Description	SKU	Price
	Snap Disc Snap Disc Control, Limit, Automatic Reset, Switch Action Open on Rise, Switch Type SPST, Temp. Range (F) 150 to 190, Differential 40, Inductive Amps @ 120V 10, Inductive Amps @ 240V 5, Pilot Duty Contacts (VA) 125, Resistive Amps @ 120V 25, Resistive Rating 240V 25, Voltage Range 120 to 277, Switch Closes @(F) 150, Switch Opens @(F) 190 Used for the front door fans on WoodMaster Outdoor Boilers	SD001	\$15.99
	Snap Disc - manual reset button on back fan tube of WoodMaster 5500 Snap Disc Control, Limit, Manual Reset, Switch Action Open on Rise, Switch Type SPST, Temp. Range (F) 150 to 190, Differential 40, Inductive Amps @ 120V 10, Inductive Amps @ 240V 5, Pilot Duty Contacts (VA) 125, Resistive Amps @ 120V 25, Resistive Rating 240V 25, Voltage Range 120 to 277, Switch Closes @(F) 150, Switch Opens @(F) 190	SD002	\$31.55
	Snap Disc - Adjustable Temperature limit control Snap Disc Control, Adjustable Limit, Automatic Reset, Switch Action Open on Rise, Switch Type SPST, Temp. Range (F) 135 to 215, Differential 40, Inductive Amps @ 120V 14, Inductive Amps @ 240V 10, Pilot Duty Contacts (VA) 125, Resistive Amps @ 120V 25, Resistive Rating 240V 25, Voltage Range 120 to 240, Switch Closes @ (F) 135 to 175, Switch Opens @ (F) 175 to 215	SD005	\$25.99
	Laminated Solenoid Current @ max stroke 4.90 Amps, coil resistance 20.5 Ohms, coil voltage rating @ 60 HZ 120 VAC, seated current 0.43 Amps, seated power 17.9 Watts, mounting holes on center length 2 in, mounting holes on center width 1 3/8 in, length 2 1/2 in, depth 2 1/16 in, width 1 13/16 in. The LS001 is the most common laminated solenoid used in the industry. Grainger Part # 4X240, Dormeyer 2005-M-1, Guardian 18-C-120	LS001	\$47.95
	Laminated Solenoid Current @ maximum stroke 1.25 Amps, coil resistance 88.0 Ohms, coil voltage rating @ 60 HZ 120 VAC, seated current 0.24 Amps, seated power 9.5 Watts, mounting holes on center length 1 3/8 in, mounting holes on center width 5 7/8 in, length 1 5/8 in, depth 1 7/16 in, width 1 3/16 in. Grainger Part # 4X239, Dormeyer 1000-M-1, Guardian 16-C-120	LS002	\$42.99
	Laminated Solenoid Current @ maximum stroke 6.50 Amps, coil resistance 14.9 Ohms, coil voltage rating @ 60 HZ 120 VAC, seated current 0.48 Amps, seated power 19 Watts, mounting holes on center length 2 in, mounting holes on center width 1 5/8 in, length 2 1/2 in, depth 2 1/16 in, width 2 1/16 in. Grainger Part # 4X241, Dormeyer 2536-M-1	LSC01	\$69.49
	Vent Cap For all wood stoves, 2 1/2" diameter, Copper tube helps prevent water evaporation common on all units.	VC301	\$34.42
	Door Handle Insulated Handle for most wood stoves.	DH101	\$29.95
	Slide Rod Handle Insulated Handle for most wood stoves.	SRH101	\$15.99
	Bracket Square To connect the laminated solenoid to your rubber flapper on a fan/blower that has a SQUARE shoot (FN446, FN004, FN1TDP7, FNA166)	SB001	\$17.99
	Bracket Square- for round shoot fan To connect the laminated solenoid to your rubber flapper on a fan/blower that has a ROUND shoot (FN1TDP3, FN1TDN7)	SB001S	\$19.99
	Fan Blower Wire Used to connect the fan to the laminated solenoid. 20" length with a spade connector and protective sheathing. 14AWG. Heat rated 220 F. Water Resistant.	FBW001	\$8.99
	Bladder The bladder is designed as a reservoir that accepts the increase volume of water within the water jacket. As the furnace cycles, the amount of water will increase and decrease as the water jacket expands as it is heated. Compatible with Heatmor and Heatsource 1.	BLADDER	\$55.99
	Draft Spring—DYI This is the draft spring used in our DIY kits. Coil 5/8" Full length 1 1/2"	DS001	\$5.99
	Jelly Jar- The Complete light fixture This is an outside light fixture, commonly used on the outside of WoodMaster traditional model wood boilers, and others.	LA101	\$14.99

"Self-Sufficiency Is The Greatest Of All Wealth"



Item	Description	SKU	Price
	ETC Assembly	ETC Assembly	\$310.95
	<p>WoodMaster ETC Panel ETC Panel that is used with the WoodMaster 3300, 4400, 5500 and 6500 Models. Extremely easy to install with the quick connect. Comes pre-programmed. The E.T.C. monitors and controls the WoodMaster water temperature by controlling the draft and draft fan. During normal operation (adequate wood supply) the controller will turn off the draft and draft fan when the water reaches 170° F (Set) and will turn on the draft and draft fan when the water falls 10° F.</p> <p>During shut down (low wood supply) or when the water falls to 120° F, the controller will shut off the draft and draft fan. At this time, the WoodMaster will need to be filled with wood and the ETC will need to be reset.</p>		
	ETC Shield & UV Protection	ETC Shield & UV Protection	\$38.50
	<p>Help protect the ETC panel from weather damage including water, and UV rays.</p>		
	ETC Black Box	ETC Black Box	\$44.95
	<p>This is installed behind the ETC panel and protects all of the internal wiring of the boiler.</p>		
	WMAQ004	WMAQ004	\$139.95
	<p>The WoodMaster Aquastat/temperature gauge controls wood boiler temperatures. It is preset to WoodMaster specifications. This is a Direct Replacement for WoodMaster. (XR30CX)</p>		
	Light ON/OFF Switch	LSW101	\$17.95
	<p>To replace on the ETC Assembly</p>		
	Fan ON/OFF Switch	FS101	\$23.43
	<p>To replace on the ETC Assembly</p>		
	Green LED Light Assembly	WL302	\$19.99
	<p>For water level light. LED light for long life.</p>		
	Float Assembly	WL001	\$112.99
	<p>For water level light. Used on WoodMaster wood furnaces.</p>		
	Thermistor Wire	AQ305	\$21.99
	<p>For digital aquastat. (3" stainless steel probe & 6 ft wire) Fixes P1 issue. Used on wood furnaces with electronic control panels. If you get a "P1" Error message on the WoodMaster ETC Panel, you need to replace this. Also works with AQLove.</p>		
	Thumb Knob Screw	TS001	\$2.49
	<p>Screw for most wood furnaces, standard 1/4 inch thread. Holds back panel to the stove.</p>		
	Complete Front Door for Wood Master 4400	FD4400	\$879.00
	Complete Front Door for Wood Master 5500	FD5500	\$899.99
<p>Designed to be air cooled. Includes fan (FN446), fan cover (FC546), laminated solenoid (LS001), draft spring (DS001), blower wire (FBW001), and 1" fire rope (cut to fit). Simple mounting (hinge). 4400 = 24" x 24" 5500 = 27" x 27" Great door for the DIY Guy building their own outdoor furnace. *** SHIPPING INCLUDED IN PRICE***</p>			
	Complete Auger & Grate Assembly	AK4400	\$769.99
	Complete Auger & Grate Assembly	AK5500	\$949.95
<p>An ash auger can be added to the 4400 or 5500 models only. This is a complete auger kit, everything you will need. Install is simple. Made with 1/4 mild steel, in the USA. Includes Auger Grate, Auger Assembly, Auger Extractor, Auger Trap Door and Auger Handle. *** THIS ITEM DOES NOT QUALIFY FOR FREE SHIPPING, CALL FOR A FREIGHT QUOTE***</p>			
	Complete Wiring Harness	WH4400	\$137.95
	Complete Wiring Harness	WH5500	\$134.80
<p>Complete Wiring Harness - Used in the 4400 and 5500 models. Wires are simply labeled and can be easily installed in a couple hours. There is a quick connect included to hook up to an ETC Assembly. A Direct Replacement from WoodMaster. DOES NOT include Thermistor Probe (AQ305) or the Water level Float (WL001) with wiring harness. Sold separately (WL001) (AQ305)</p>			
	Fan Cover- 4 3/4" Diameter	FC546	\$18.99
	<p>Fan Cover is a simple device that works effectively on keeping the air out and saves wood and reduces smoke. This is a rubber fan cover that covers most fans to stop the air flow into wood furnaces. This is used commonly on the WoodMaster 3300, 4400, 5500, & 6500 models.</p>		
	Small Flapper- 3 3/4" Diameter	FC328	\$19.99
	<p>Fan Cover is a simple device that works effectively on keeping the air out and saves wood and reduces smoke. This is a rubber fan cover that covers most fans to stop the air flow into wood furnaces. This fits the smaller fans.</p>		

Tools & Trade Accessories





Tempering Valves & Mixing Valves

Item	Description	SKU	Price
	MV345 Cash Acme HeatGuard® 110-D Mixing Valve The Heatguard®110-D is a Temperature Actuated Mixing Valve that mixes hot water with cold to deliver tempered water at a controlled temperature to 120°F (49°C) maximum. The Heatguard®110-D is designed to assist in the prevention of scalding. The Heatguard®110-D is intended for installation at the water heater to distribute controlled temperature water through the domestic hot water system or at point-of-use applications. The valve delivers water at a set temperature of 120°F (49°C), allowing the heater to be set at 140°F (60°C) or higher, thus providing a greater effective volume of hot water and reducing the chances of Legionella bacteria growth in the water. Adjustable outlet temperature of 85°F - 130°F.	MV345	3/4" Swt \$114.99
	MV345B Cash Acme HeatGuard® 110-D Mixing Valve (SharkBite® Ends) <i>SharkBite Connections:</i> The Heatguard®110-D is a Temperature Actuated Mixing Valve that mixes hot water with cold to deliver tempered water at a controlled temperature to 120°F (49°C) maximum. The Heatguard®110-D is designed to assist in the prevention of scalding. The Heatguard®110-D is intended for installation at the water heater to distribute controlled temperature water through the domestic hot water system or at point-of-use applications. The valve delivers water at a set temperature of 120°F (49°C), allowing the heater to be set at 140°F (60°C) or higher, thus providing a greater effective volume of hot water and reducing the chances of Legionella bacteria growth in the water. Adjustable outlet temperature of 85°F - 130°F.	MV345B	3/4" SB \$119.99 No sweat or threading





Drywells & Immersion Wells

Item	Description	SKU	Price
	Brass Dry Well - 1/2" - Overall 3" long	DW1203w	\$16.95
	Brass Dry Well - Used with outdoor wood boilers, pools and spas. Mount a tee in the water stream for the drywell to be installed in, to house the temperature probe for monitoring pool or spa temperature.		
	Stainless Steel Dry Well - 1/2" - Overall 2.5" long	DW12	\$26.99
	DW12 Stainless Steel Dry Well - Most commonly used with pools and spas. Mount a tee in the water stream for the drywell to be installed in, to house the temperature probe for monitoring pool or spa temperature. Total length 3", 1/2" MNPT, 1 3/4" probe length.		
	Stainless Steel Dry Well - 3/4" - Overall 4" long	DW3404	\$36.99
	DW1204 Stainless Steel Dry Well - Is the same as DW12 but has a total length of 4", 1/2" MNPT, 2 3/4" probe length. ** These drywells work with AQ002 & AQ007 **		
	Copper Immersion Well	1/2"	IW1203 \$31.99
		3/4"	IW3403 \$35.99
	Copper Immersion Well - 1/2" or 3/4" MPT, bulb diameter 3/8", max insertion/bulb length 3", insulation depth 1", accessory for controls.		

Thermostats, Controls & Fans


Item	Description	SKU	Price		
	Low Voltage Thermostat Honeywell T822K1018 Low-Volt Thermostat is designed for HEAT ONLY Systems. Mercury Free. Single-stage, low voltage, wire line terminals. Setting Temperature Range (F) 45 F to 95 F; Switch Type: Precision Snap Action, Terminal Designations: R, W; Dimensions (in.): 4 3/4 in. high x 2 7/8 in. wide x 1 3/8 in. deep; Mounting: Vertical; Electrical Ratings: 20 to 30 Vac; Supply Voltage: 20 to 30 Vac; Non-Programmable Type; Bimetal; Accuracy (F): ±2; Heat Current: 0.02 A to 1.0 A running; Color: Premier White	TH001	\$49.99		
	In-Line Thermostat Honeywell Tradeline T4398A1021 In-Line Thermostat: High Performance Electric Heat Thermostat provides precise line voltage control of resistive-rated electric heating equipment. Setting Temperature Range (F) 50 F to 80 F; SPST switching (two wire); Dimensions (in.): 4 1/2 in. high x 2 7/8 in. wide x 2 5/8 in. deep; Mounting: Vertical; Supply Voltage: 120 Vac; Sensor Element: Vapor filled dual diaphragm which provides for accurate temp sensitivity; Heat Current: 0.02 A to 1.0 A running; Rugged, plastic mounting base; Cover thermometer indicates room temperature.	TH002	\$49.99		
	Speed Control Control multiple speed-controllable ventilators and fans with this rotary speed control. It can operate multiple direct-drive fans, if the total amp draw does not exceed the control's amp rating. It fits a single gang box, and includes mounting screws. It also permits adjustment between 50% and 100% air performance. Max Wattage: 720; Max Amps: 6; 115 Voltage Dimensions: Height 4 1/2"; Width 2 3/4"; Depth 1 1/4".	SC36	\$37.99		
	Item	Size	CFM	SKU	Price
	Exhaust Fans	16 X 16	735	UHF12	\$199.00
		20 X 20	1765	UHF16	\$269.00
		22 X 22	2294	UHF18	\$299.00
		24 X 24	2832	UHF20	\$349.00
Medium direct-drive exhaust fan is designed to quietly exhaust high volumes of air for ventilating. It features a galvanized frame and finish. It features intake guards and sleeve bearings. Max ambient temp 104 degrees F, 115VAC, 60Hz, 1 phase, motor type shaded pole, vertical mounting position. Variable Speed Controller included.					

Digital Electronic Controls

	Model Detail	SKU	Price
	Cozeburn & Empyre Wood Boiler Digital Aquastat Love Controller Cozeburn & Empyre Wood Boiler Digital Aquastat all models - This is a direct replacement Digital Controller for all Cozeburn and Empyre Outdoor Wood Boilers. Specifically programmed to be used with the Cozeburn & Empyre Outdoor Wood Furnaces. Used to control water temperature and water temperature differentials. Basically, just put it in and you're ready to go. Item: Temperature Switch Sensor. Style: Thermistor. Special Features: Compressor Defrost, Temp. Range: -58 to 302 Degrees F, Relay Style: SPDT. Switch Input Power: 115VAC, HP: 1, Contact Rating: 16A @ 250V Resistive, 5A Inductive, Accuracy: +/-1% Full Scale. Display: LED. Includes: Gasket, Mounting Clips, and Instructions. Love Controller by Dwyer TS2-010 plus programming. Manufacturer Part Number TS2-010. **This is just for the Digital controller and not the entire Panel ** Typical Applications: Commonly used for potable water and water heating applications. This unit uses AQ305 (page 8).	AQLove	\$79.99
	Coil Voltage 24 VAC Enclosed Fan Relay - Coil Voltage 24 VAC, contact current rating 8 Amps, coil voltage rating @ 50/60 HZ 24 VAC, contact current rating inductive @ 240 VAC 8 Amps, contact current rating inductive @ 120 VAC 8 Amps, resistive current @ 240 VAC 16 Amps, resistive current @ 120 VAC 16 Amps, switch action SPDT.	RE001	\$12.99
	L6006c 1018 Hot Water Control Strap On Aqua Stat - Honeywell L6006c 1018- contact current rating @ 120 VAC 8 Amps, contact current rating @ 240 VAC 5.1 Amps, differential 5-30° F adjustable, switch action SPDT, temp. setting range 65-200° F, open/close on temperature rise. Used to communicate with wood boilers and hot air systems. Manually adjustable.	AQ003	\$159.99
	AT140A 1000 Transformer - Honeywell AT140A 1000 - 24 VAC, 40 VA, 120 VAC, 60Hz, 120 VAC, provides power to 24 VAC circuits in heating/cooling control systems. Intended for use in systems with predictable, uniform loads. Can be used in any application that does not exceed the listed ratings.	TR11024	\$22.99




Ranco Controller








	Model Detail	SKU	Price
	The Ranco ETC -112000-000 — Heating or Cooling The Ranco ETC -112000-000 Electronic temperature control single stage sensor, range -30° F to + 220° F, differential of 1° F to 30° F, power 24 VAC. class 2, output SPDT relay. Commonly used for heating pools, spas, solar applications & much more. LED backlight. The Ranco ETC 111-000 — Heating or Cooling The Ranco ETC 111-000 is a microprocessor based temperature controller, suitable for switching 120 VAC. Temperature set point range: -30° F to 220° F, Differential range: 1° F to 30°F, Input Voltage: 120 VAC, Sensor: Thermistor, 2" long x 1/4" dia with 8' cable (included) normally open (NO): 16 Amps @120 VAC normally closed (NC): 8 Amps @120 VAC. Excellent upgrade for wood boilers with simple aqua-stats. This is used to control the fan on an Outdoor Furnace. LED backlight.	AQ002	\$129.99
		AQ007	\$114.99

Honeywell Controller







	Zone Valve — 3/4" ext. Two-way on-off low voltage valves consist of an actuator and valve assembly for controlling the flow of hot water. Manual opener for operation upon power failure; valve returns to automatic position when power is restored. High torque, constant speed motor operates valve on command of a 2-wire thermostat. Two-position straight through control of supply water. 24 VAC. All models may be installed without disassembling the valve. Compact construction for easy installation. Complete powerhead may be removed or replaced without breaking plumbing line connections or draining the system. Actuator motor may be replaced without removing the valve body or draining the system. Maximum Differential Pressure Ratings (Close-off) (psi) 20 psi. Typical applications: Hydronic control - Valve designed for cycling (not constantly powered on) applications. Use this valve in closed loop hydronic systems that do not contain dissolved oxygen in system water, such as fresh water from frequent source of makeup water. Dimensions (in.) 4 in. high x 3 1/2 in. wide x 2 3/8 in. Deep	ZV342	\$105.99
	3-Way Valve - 3/4" ext. Used in conjunction with the VU52, VU53 and VU54 valves for controlling the flow of hot or chilled water in commercial HVAC equipment such as fan coil units, terminal reheat coils and convectors. These valves are suitable for use in condensing, non-corrosive environments. 24 VAC. Compact construction for easy installation. Fits under the cover of most baseboard convectors with actuator fitted to valve body. One-button, quick release. Secure 3-point, metal latch to valve body. Stainless steel case and aluminum cover. Rust-proof nickel-plated motors available. Manual opener for installation and valve operation on power failure. **Slotted conduit hole for faster wiring.**	ZV343	\$128.99
	3-Way Valve - 1" ext. Used in conjunction with the VU52, VU53 and VU54 valves for controlling the flow of hot or chilled water in commercial HVAC equipment such as fan coil units, terminal reheat coils and convectors. These valves are suitable for use in condensing, non-corrosive environments. 24 VAC. Compact construction for easy installation. Fits under the cover of most baseboard convectors with actuator fitted to valve body. One-button, quick release. Secure 3-point, metal latch to valve body. Stainless steel case and aluminum cover. Rust-proof nickel-plated motors available. Manual opener for installation and valve operation on power failure. **Slotted conduit hole for faster wiring.**	ZV013	\$199.98
	RA889A1001—external indicator lights External indicator lights, universal replaceability, snap-in PC board simplified wiring, fully enclosed snap-out relays, 100% factory tested, contractor friendly PC board layout, universal thermostat compatibility, UL and CSA Approved, Extended 3 Year Warranty. For Single Zone. One model replaces many competitor models. High load switching capability. Troubleshooting LED. Push-to-test button. Replaceable transformer fuse. Long-life DC relay drive control technology. Relay for use with external 24 Vac or 24 Vdc supply, with line-voltage control, or with internal 24 V transformer supply. One model replaces many Honeywell models. **Secondary of transformer protected by replaceable 1A automotive fuse.**	ZS101	\$79.99

Installation Parts

Item	Product Description	SKU	Price	
	Bronze Combination Fill Valve and Backflow Preventer	BFPRV	\$169.99	
	Combines the Cash Acme A-89 pressure reducing boiler feed valve and the BFP double-check backflow preventer. The BFAC accurately reduces the system pressure to 14 PSI, while preventing contaminated water from flowing back through the line. 1/2" NPT.			
	Boiler Pressure Relief Valve	PRV34	\$16.99	
	Bronze body, stainless steel spring and internals. 30 PSI, 510,000 BTU/HR, 3/4" male inlet and female outlet.			
	Y-Strainer	3/4" FPT	YS34	\$7.99
		1" FPT	YS01	\$24.99
	Can be installed in the pipeline wherever small solid particles occupy the main flow of liquids or gases. The Y-Strainer can be installed so that the screening element is on the lower end of the body, allowing entrapped material to collect in it. The removable cap can be detached periodically to clean and maintain the mesh screen.			
	Ball Valve - See page 29 for more	BV01	See Page 29	
	100 percent full port opening. Solid ball. Teflon seats and packing. 600 PSI WOG. Meets California Prop. 65 Drinking Water Standards and ANSI/NSF 61-8.			
	Boiler Drain	1/2" MPT	BD12	\$8.99
		3/4" MPT	BD34	\$8.99
	Boiler drain valve. Material of construction is bronze, MNPT x hose connection, open length 3 11/16 In, Max temp 180° F, Max pressure 125 PSI, aluminum hand wheel, standards CSA B125 approved, IAPMO listed.			

Do It Yourself Install Kits

	Product Description	SKU	Price	
	Domestic Hot Water Kit	comes with crimp rings	DWkit	\$78.14
		comes with stainless steel rings	DWkitssr	\$78.32
		comes with SharkBite® fittings	DWkitsb	\$67.75
	Designed to be used with a brazed plate exchanger being mounted on a domestic hot water tank. All fittings shown are included in the kit to simplify the order process and to get those hard-to-find parts. We only use high quality fittings and parts. DWkitsb comes with SharkBite® fittings.			
	Hydro Coil Kit	comes with crimp rings	HCKit	\$24.76
		comes with stainless steel rings	HCKitssr	\$25.14
		comes with SharkBite® fittings	HCKitsb	\$37.97
	Works with forced air systems and with our water to air heat exchangers to simplify installation. All SharkBite® fittings shown are included in the kit to simplify the order process and to get those hard-to-find parts. AHCKIT comes with copper fittings, pex crimp fittings and crimp rings.			
	Aquastat & Hydro Coil Kit	Honeywell Aquastat and Crimp Rings	AHCKit	\$181.15
		Honeywell Aquastat and Stainless Steel Rings	AHCKitssr	\$181.33
		Honeywell Aquastat and SharkBite® fittings	AHCKitsb	\$197.96
		Strap-on Aquastat and Install Instruction	AHCKit_Basic	\$167.99
		Ranco Aquastat and Crimp Rings	AHCKitRanco	\$151.15
		Ranco Aquastat and Install instructions	AHCKitRanco_Basic	\$137.99
		Ranco Aquastat and SharkBite® fittings	AHCKitsbRanco	\$167.96
	Works with forced air systems, and with our water to air heat exchangers to simplify installation. All SharkBite® fittings shown are included in the kit to simplify the order process and to get those hard-to-find parts. AHCKIT comes with copper fittings, pex crimp fittings and crimp rings.			
	Brazed Boiler Kit	comes with crimp rings	BBkit	\$38.56
		comes with stainless steel rings	BBkitssr	\$38.74
		comes with SharkBite® fittings	BBkitsb	\$49.35
		<i>Please request the 1-1/4" version of kit if needed. (50 plates and above)</i>		
	Designed for installing a brazed plate exchanger on an existing boiler. All fittings shown are included in the kit to simplify the order process and to get those hard-to-find parts. BBkitsb comes with SharkBite® fittings.			





Do It Yourself Install Kits (Continued)

	Product Description		SKU	Price
	Brazed Boiler Kit with Internal Coil Kit	comes with crimp rings	BBkitIC	\$378.26
		with stainless steel rings	BBkitICssr	\$378.44
		with SharkBite® fittings	BBkitICsb	\$389.06
	<p>Designed to be used with a brazed plate exchanger and boilers with internal domestic coils. All part & fittings shown are included in the kit to simplify the order process and to get those hard-to-find parts. We only use high quality fittings and parts. Included in kit: BKU01 (2), PF01 (2), PR01 (2), BKT34, BKN3402, CVS34, TP007, PF034 & AQ003, a roll of teflon tape and an easy to follow diagram. BBkitICsb comes with SharkBite® fittings.</p>			
	Manual By-Pass Kit	comes with crimp rings	MBPkit	\$59.76
		comes with stainless steel rings	MBPkitssr	\$60.66
		comes with SharkBite® fittings	MBPkitsb	\$103.95
<p>This kit was put together to create a manual by-pass of a water to air, space heater, or any other heat exchanger you would like to by-pass. All fittings shown are included in the kit to simplify the order process and to get those hard-to-find parts. We only use high quality fittings and parts. MBPkitsb comes with SharkBite® fittings.</p>				
	Manual Feed Kit	comes with crimp rings	MFkit	\$35.47
		comes with stainless steel rings	MFkitssr	\$36.01
		comes with SharkBite® fittings	MFkitsb	\$61.95
<p>This kit was designed to create a manual refill of your boiler. It is most often used with open loop systems. All fittings shown are included in the kit to simplify the order process, and to get those hard-to-find parts. We only use high quality fittings and parts. 1" pex fittings and pex crimp rings for easy installation. MFkitsb comes with SharkBite® fittings.</p>				
	Install Kit with Flanges	comes with crimp rings	INSTkit	\$58.32
		comes with stainless steel rings	INSTkitssr	\$58.02
		comes with SharkBite® fittings	INSTkitsb	\$71.75
<p>This is a must have for new boiler installs. This kit was designed for hooking-up wood boiler pumps properly. We also took into consideration bleeding the air from the water lines as well as to aid with trouble shooting possible future issues (ex: pumps). Includes 1" pex fittings and pex crimp rings for easy installation. This is for Boilers that have existing ball valves. For a kit with ball valves see below. INSTkitsb comes with SharkBite® fittings.</p>				
	Install Kit with Ball Valves	comes with crimp rings	SINSTkit	\$70.08
		comes with stainless steel rings	SINSTkitssr	\$70.26
		comes with SharkBite® fittings	SINSTkitsb	\$83.99
<p>This kit was designed for boiler hook-ups that need ball valves. All shown parts are included in the kit to simplify the installation & ordering process, and to get those hard-to-find parts. We also took into consideration bleeding the air from water lines as well as to aid with trouble shooting possible future issues (ex: pumps). 1" pex fittings; SINSTkitsb comes with SharkBite® fittings</p>				
	Pool & Spa Kit	1" fittings for larger SS exchangers with crimp rings	PSkit01	\$435.58
		1" fittings for larger SS exchangers with stainless steel rings	PSkit01ssr	\$436.30
		3/4" fittings for SS series heat exchangers	PSkit34	\$430.13
		3/4" fittings for SS series heat exchangers with stainless steel rings	PSkit34ssr	\$430.85
<p>This kit was designed for Pool and Spa hook-ups. It is most often used with open and closed loop system. All fittings shown are included in the kit to simplify the order process and to get those hard to find parts. We only use high quality fittings and parts. PSkit01 includes 1" fittings for larger exchangers & the PSkit34 has 3/4" fittings for the SS100 & SS170 series heat exchangers.</p>				




"Focus On Being True To Yourself And Self-Sufficient, And You'll Eventually Find Like Minded People"

Building Your Own Wood Boiler

Square Flange

Item	Product Description	SKU	Price
	Air Cooled Steel Door	DIYKitwDoor	\$998.98
	Build your own wood boiler or furnace with this simple to mount door, engineered for a wood boiler. The door is a 24" x 24" Air Cooled Steel Door, with high quality welding and CNC cuts. This door can't be made for the same price!!! The door comes with everything in the DIYKitComplete, all the parts are installed in the door except the AQ007 which needs to be installed by you. Wiring diagram is included as well. SHIPPING INCLUDED		
	DIY Kit Complete— Comes Assembled	DIYKitComplete	\$318.44
	This kit includes all that you see in the picture, as well as a Wiring Diagram to assist you in the setup and install of the kit. The Kit Includes: AQ007 Ranco Digital Controller (Which controls the Water Temp of your Boiler), DW1204 Stainless Dry well for the Ranco controller (This holds the Temp Prob. of the Digital controller), NBK Blower (FN446)(Dayton 4C446) (The fan / Blower that feeds your boiler with air with 148CFM), FC546 Fan Cover for the Fan (This cover prevents air entering your boiler when idling to prevent overheating and excessively smoking), LS001 Laminated Solenoid to lift the fan cover (This Solenoid lifts the fan cover when the Fan/Blower is activated), Solenoid Bracket (Holds Solenoid), Fan Blower Wire (Wire from solenoid to Blower / Fan). The Dimensions: 12 3/4" Height and 6 1/2" wide (This is the Measurement of the Kit Completely assembled). Volts: 115 V (All you need is to provide electricity to your Boiler). ** Comes assembled, as seen in picture**		
	Auto Damper Kit with Digital Aquastat	DIYKitAQ	\$232.15
	This kit includes all of the parts listed in the DIY Kit Complete EXCEPT the fan. Does not come assembled.		
	Auto Damper Kit	DIYKit	\$100.21
	This kit includes all of the parts listed in the DIY Kit Complete EXCEPT the fan, Aquastat or Stainless Steel Drywell. This is just the solenoid, bracket and fan cover. Does not come assembled.		

Round Flange

	Complete Damper Kit-Round Flange	SDKitComplete	\$314.54
	This is a great kit to Upgrade your Shaver Wood Furnace. We've done most of the work for you!! Everything comes already assembled and is very simple to use. You will have the ability to set the water temperature and differential anywhere you like depending on the season. This kit includes: An Upgraded Fan (FN1TDP3), Laminated Solenoid (LS001), Laminated Solenoid Bracket, Blower Wire Jumper, Fan Cover (FC546), Fan Cover Spring, Digital Aquastat (AQ007), Stainless Steel Dry Well (DW1204), and a How to install Diagram and a Wiring Diagram		
	Auto Damper Kit with Digital Aquastat- Round Flange	SDKitAQ	\$234.15
	This kit is similar to the kit above, as you will have a lot more control of your Wood Furnace with the assistance of a Digital Aquastat. You will have the ability to set the water temperature and differential anywhere you like depending on the season. This kit only works with the Shaver Wood Furnace with a fan comparable to the Dayton 1TDP3 such as our NBK FN1TDP3! If your Shaver Wood Furnace has the 1TDN7 fan, you will need to get the FN1TDP3 fan or SDKitComplete. This kit includes: Laminated Solenoid (LS001), Laminated Solenoid Bracket, Blower Wire Jumper, Fan Cover (FC546), Fan Cover Spring, Digital Aquastat (AQ007), Stainless Steel Dry Well (DW1204), and installation with wiring diagram. **Fan is not Included in this Kit**		
	Auto Damper Kit- Round Flange	SDKit	\$102.21
	This is a great kit to Upgrade your Shaver Wood Furnace. Your Shaver will smoke less in idle, burn hotter and cleaner. This will also reduce the amount of wood being burned as well. Installing this kit should take about an hour with only a handful of tools. This kit only works with Shaver Wood Furnaces with 1TDP3 fan! If your Shaver Wood Furnace has the 1TDN7 fan, you will need to get the 1TDP3 fan or the SDKitComplete. This kit includes: Laminated Solenoid (LS001), Laminated Solenoid Bracket, Blower Wire Jumper, Fan Cover (FC546), Fan Cover Spring, and a How to install Diagram. **Fan is not Included in this Kit**		

Blowers

Item	Product Description	SKU	Price
	NBK 4C446 (6FHx8)	FN446	\$85.99
	Forward Curved, Direct Drive CFM 145, RPM 2720/3120, Ambient max temp. 104°F. Voltage rating: 115 VAC, current rating 0.68/0.75 amps, frequency 50/60 hz, Flange Size: 4 5/8in x 3 1/2in. This is probably the most used blower in the outdoor wood furnace industry. Brands that use: Legend, Woodmaster, Ozark, Heat Source, Heatmor, Hawken Energy, Freedom Outdoor-Eliminator 48", HeatMaster & Pacific Western. Equivalent Dayton 4C446, 6FHx8		
	NBK 1TDN4	FN1TDN4	\$69.99
	Forward Curved, direct drive, CFM 49, RPM 3080, Ambient max temp 104°F. Voltage rating: 115VAC, current rating 0.50 amps, frequency 50/60 hz, Flange Size: 3 7/16in x 3 1/8in. Compatible with Dayton 4C761		
	NBK 1TDN5	FN1TDN5	\$75.99
	Forward Curved, direct drive, CFM 54, RPM 2850/3380, Ambient max temp. 104°F. Voltage 115V. Current rating 0.29/0.30 amps. Frequency 50/60 hz. Flange size: 3 7/16in. x 3 1/8in. Equivalent to Dayton 1TDN5, 4C012, 1TDN5, and Fasco B30		
	NBK 1TDN6	FN1TDN6	\$99.99
	Blower Outlet Shape: Round, 51 CFM @ 60HZ , 115V, Wheel Dia. 3", Wheel Width 1-7/8", Motor Type: Permanent Split Capacitor, Motor Enclosure: Open, Motor Insulation: Class B, Thermal Protection: Auto, Lead Length 13", Conduit Box: Yes, Wheel Type: Forward Curve, Drive Type: Direct, Agency Compliance UL Recognized US and Canada (E47479), CE, Equivalent to Dayton 1TDN6, 4C441		
	NBK 1TDN7	FN1TDN7	\$75.99
	Forward Curved, Direct Drive, CFM: 60, RPM: 3160, Ambient max temp 104°F, Voltage Rating 115V, Frequency: 50/60 hz, Current Rating: 0.22./0.23, Circular Flange connection. Equivalent to Dayton 1TDN7, 1C180, 4C440 Fasco 50747-D401 7021-3466, 6FHx4		
	NBK 1TDR3	FN1TDR3	\$129.99
	Forward Curved, Direct Drive, CFM:273, RPM:1550, Ambient max temp: 104°F, Voltage Rating: 115V, Current Rating: 0.79 amps, Frequency: 60hz, Flange Size: 5 1/2in. x 5in. Equivalent to Dayton 4C447, 1TDR3, Fasco 7073-0107, 7073-1449, 7063-4996, 7063-4769		
	NBK 1TDP1	FN1TDP1	\$85.99
	Forward Curved, Direct Drive, CFM:89, RPM: 3000, Ambient max temp: 104°F, Voltage Rating: 115V, Frequency: 60 hz, Current Rating: 0.31 amps, Flange Size: 3 1/2 in. x 4 in. Equivalent to Dayton: 1TDP1, Fasco: 4C004, 7021-3484		
	NBK 1TDP3	FN1TDP3	\$79.99
	Forward Curved, Direct Drive, CFM: 75, RPM: 3020, Ambient max temp: 104°F, Voltage Rating: 115V, Current Rating: 0.45 amps, Frequency: 60hz, Circular Flange connection. Equivalent to Dayton 1TDP3, Fasco 7021-4931, 50748-D500, 4C443, 7021-2588, 7021-5713, 7021-10870, 9MRW2. Compatible with the Mahoning 450 but it does not include the fan cover.		
	NBK 1TDP5	FN1TDP5	\$86.99
	Forward Curved, Direct Drive, CFM 131, RPM 3000, Ambient max Temp 104°F, Voltage Rating 115V, Current Rating 0.47 amps, Frequency: 60hz, Flange Size: 5 in x 4 in. Bolt Holes are 1 1/2in. apart. Equivalent to Dayton 1TDP5, 7021-3467, 7021-2001, 7021-6745, Fasco 50752-D500, 7021-4799, 7021-1835.		
	NBK 1TDP7	FN1TDP7	\$85.99
	Forward Curved, Direct Drive CFM 145, RPM 2720/3120, Ambient max temp. 104°F. Voltage rating: 115 VAC, current rating 0.68/0.75 amps, frequency 50/60 hz, Flange Size: 4 5/8in x 3 1/2in. Equivalent to the Dayton 1TDP7, 4C446		
	NBK 1TDT2	FN1TDT2	\$159.99
	Forward Curved, Direct Drive, CFM: 549, RPM: 1330, Ambient Max temp: 104°F, Voltage Rating 115V, Frequency: 60 hz, current rating 2.2 amps, Flange size 6 5/8 in. x 5 5/8 in. Equivalent to Dayton 1TDT2, Fasco 7008-6133		
	NBK 1TDT7	FN1TDT7	\$199.99
	Forward Curved, Direct Drive, CFM: 542/409, RPM: 1310/1430, Ambient max temp: 104°F, Voltage Rating: 115V, Current Rating: 1.55/2.0 amps, Frequency: 50/60hz, has 2 speeds, Flange Size: 6 5/8in. x 5 5/8in. Equivalent to Dayton: 1TDT7, 4C566, Fasco 7008-6164, A455		

Blowers & Flanges

Blowers (Continued)

Item	Product Description	SKU	Price
	NBK 6FHx5	FN4C442	\$89.99
	Forward Curved, Direct Drive, CFM 131, RPM 3000, Ambient max Temp 104°F, Voltage Rating 115V, Current Rating 0.47 amps, Frequency: 60hz, Flange Size: 5 in x 4 in. Bolt Holes are 1 1/2in. apart. Equivalent to Dayton 1TDP5, 7021-3467, 7021-2001, 7021-6745, Fasco 50752-D500, 7021-4799, 7021-1835.		
	NBK 4C004	FN004	\$85.99
	Forward Curved, Direct Drive, CFM:89, RPM: 3000, Ambient max temp: 104°F, Voltage Rating: 115V, Frequency: 60 hz, Current Rating: 0.31 amps, Flange Size: 3 1/2 in. x 4 in. Equivalent to Dayton: 1TDP1, Fasco: 4C004, 7021-3484		
	NBK A166 / 702111307	FNA166	\$85.99
	Forward Curved, Direct Drive CFM 145, RPM 2720/3120, Ambient max temp. 104°F. Voltage rating: 115 VAC, current rating 0.68/0.75 amps, frequency 50/60 hz, Flange Size: 4 5/8in x 3 1/2in. Brands that use: Central Boiler E-Classic 2400, 2300 models 702110411		
	Replaces Fasco No. 70731455 or 70631543	FN700787	\$139.99
Replaces Fasco No. 70731455 or 70631543- 115 VAC, 1.0 Amps, 60 HZ. CFM 160, 1500 RPM, includes discharge mounting flange. Emphyre 250 & 450 and Cozeburn 250 & 450			
	Replaces Fasco No. 702112231	FN800789	\$169.99
Replaces Fasco No. 702112231 / 7021-12231 - 115 VAC, 1.3 Amps, 60 HZ. CFM 287, 3250 RPM, includes discharge mounting flange. Aspen 175 or Pro Series 200/400, Emphyre ET, XT 200 & 650, Emphyre Pro 400, 650, Cozeburn 650, Elite-Indoor 100/200. Equivalent to the ROTOM R7-RB938, PROFAB 814320, and Fasco 70525938			

Flanges

Freedom Flanges

	Model Detail	SKU	Price
	3/4" NPT Flange Cast Iron	PF034	\$22.99
	1" NPT Flange Cast Iron	PF001	\$22.99
<p>A Quality Flange, Not a Cheap Look a Like!</p> <ul style="list-style-type: none"> — Fits all Taco "00" circulators, Armstrong and most flanged pumps — Easy-on, easy-off with an adjustable wrench — Stronger than standard cast iron — Available in 3/4" & 1" 			

Isolation Flanges

	Model Detail	SKU	Price
	3/4" NPT Full Port Isolation Flange	IS034	\$25.99
	1 1/4" NPT Full Port Isolation Flange	IS114	\$59.99
<p>Armstrong Quality at a Great Price! This Circulator Isolation Flange (CIF) is designed to work with most circulating pumps. Armstrong uses a full port design ball valve. The practical, all-in-one design of the CIF conveniently isolates the circulator and eliminates the need to drain the system when pump repair or replacement is required.</p>			
	Model Detail	SKU	Price
	1" NPT Bluefin Full Port Isolation Flange	IS001-B	\$29.99
	Model Detail	SKU	Price
	Taco Swivel Isolation Flanges- 3/4"- Set of 2	ISFTaco34	\$47.99

Introducing Our New Circulating Pumps: Step into a new era of wood boiler efficiency with our Velo Series Circulation Pumps. Specifically engineered for wood boiler systems, the Velo pumps combine cutting-edge technology with a sleek design to deliver precision in heat transfer, energy efficiency, and reliability. Discover the features that make Velo the name synonymous with performance in wood boiler:

- **High-Temperature Performance:**

The Velo Series is designed to thrive in the elevated temperatures of wood boiler applications, ensuring consistent and reliable operation in demanding heating environments.

- **Premium Build Quality:**

Crafted with precision and durability, Velo pumps feature a premium build using corrosion-resistant materials. This robust construction ensures longevity, reducing maintenance requirements for worry-free heating.

- **Variable Speed Precision:**

Take command of your wood boiler system with Velo's variable speed precision. Adjust the water circulation rate to your specific heating needs, providing fine-tuned control, energy savings, and customized comfort.

- **Silent Operation Technology**

- **Effortless Installation and Maintenance**

- **Compact and Space-Efficient Design**

- **High Flow Dynamics**

- **Energy-Efficient Operation**



Elevate your wood boiler system to unprecedented levels of precision and performance with the Velo Series Circulation Pumps. Immerse yourself in the warmth of advanced technology, reliability, and energy efficiency. Choose Velo for a heating solution that redefines the standards of excellence in wood boiler circulation. * **Rubber Gaskets Included** *



Velo 50



Model Detail	SKU	Price
Velo 50	VP50	\$149.99
The Velo 50 circulating pump, Max Flow: 12 GPM, Max Head: 12 Feet, Minimum Fluid Temperature: 40 degrees F (4.4 degrees C), Maximum Fluid Temperature: 225 degrees F (107 degrees C), Maximum Working Pressure: 127 PSI, Volts: 115; Power frequency H Z- 60, Amperage: .85; RPM: 3350; HP: 1/25; Connection Sizes: 3/4", 1", 1-1/4" Flanged.		

Velo 100



Model Detail	SKU	Price
Velo 100	VP100	\$214.99
The Velo 100 circulating pump, Max Flow: 23 GPM, Max Head: 24 Feet, Minimum Fluid Temperature: 40 degrees F (4.4 degrees C), Maximum Fluid Temperature: 225 degrees F (107 degrees C), Maximum Working Pressure: 130 PSI, Volts: 115; Power frequency HZ- 60, Amperage: .92; RPM: 3250; HP: 1/8; Connection Sizes: 3/4", 1", 1-1/4" Flanged.		

Velo 150



Model Detail	SKU	Price
Velo 150	VP150	\$269.99
The Velo 150 circulating pump, Max Flow: 17 GPM, Max Head: 36 Feet, Minimum Fluid Temperature: 40 degrees F (4.4 degrees C), Maximum Fluid Temperature: 225 degrees F (107 degrees C), Maximum Working Pressure: 124 PSI, Volts: 115; Power frequency HZ- 60, Amperage: .96; RPM: 3150; HP: 1/6; Connection Sizes: 3/4", 1", 1-1/4" Flanged.		

Taco 007 Pumps



Model Detail	SKU	Price
Taco 007 BF5-J Cast Iron pump with a Bronze Cartridge	TP007	* \$255.75

Taco 007 BF5-J Pump Taco 007 residential circulator is designed for use in hot water heating systems and is used in circulating zones in floor heat and baseboard. The unique replacement cartridges deliver direct drive and are serviced without replacing pump. They are self lubricating and require no maintenance. (115 volt) Includes gaskets.
Flanges are sold separately

Taco 009 Pumps



Model Detail	SKU	Price
Taco 009 BF5-J Pump Cast Iron pump with a Bronze Cartridge	TP009	* \$405.96

Taco 009 BF5-J Pump The Taco 009 typical uses include hydronic heating, radiant in-floor/panel heating, closed & open loop solar and wood furnace heating systems. The bronze cartridge 009 is used in higher-head/lower-flow heat recovery, heating and light commercial. The unique replaceable cartridge contains all of the moving parts and allows for easy service, instead of replacing the entire circulator. Compact, direct-drive, low power consumption design is ideal for high-efficiency jobs. (115 volt) Taco 009 BF5-J & Taco 0011 BF4-J are the flagship pumps of the wood boiler industry. Includes gaskets. **The Flanges are sold separately**

Taco 011 Pumps



Model Detail	SKU	Price
Taco 0011 BF4-J Pump Cast Iron pump with a Bronze Cartridge	TP011	* \$438.21

Taco 0011 BF4-J Pump The Taco 0011 pump is designed for hot water heating systems; high velocity along with high lift. The 011 has all the same features as the previous 0011 model. Maximum load: 300' of run at 16' of lift with 1" I.D. water line. (115 volt) Taco 009 BF5-J & Taco 0011 BF4-J are the flagship pumps of the wood boiler industry. Includes gaskets.
Flanges are sold separately

Taco 013 Pumps



Model Detail	SKU	Price
Taco 0013 BF3-J Pump Cast Iron pump with a Bronze Cartridge	TP013	* \$500.03

The Taco 0013 is specifically designed for high-head/high-flow applications in large residential and light commercial systems. It is ideal for high pressure drop boilers, fan coil units, heat exchangers, larger radiant systems, heat recovery and geothermal systems. The bronze cartridge 0013 should be used on open loop systems. Includes gaskets.
Flanges are sold separately

Taco Gaskets



Model Detail	SKU	Price
Taco Gasket set- 2 qty	Gaskets-T	\$4.99

* Prices are reflected from Taco IMAP (The minimum advertised price that a retailer can advertise for a product on the internet.
The purpose of IMAP is to protect brick-and- mortar stores from being undercut by online retailers.) *

"Focus On Being True To Yourself And Self-Sufficient, And You'll Eventually Find Like Minded People"

Dragon Plate Heat Exchangers



Dragon PE



Highest Quality & Designed for Maximum Performance and Long life - our plate heat exchangers have a compact rugged assembly, composed of 316L stainless steel plate packs sealed together by means of brazing 99.9% pure copper along the border of the units. This eliminates the need for traditional gaskets or external pressure retaining parts.

These exchangers were designed specifically for wood boilers applications and are built with thicker gauge 316L stainless steel and the plates further apart to prevent debris clotting for a much longer life. They are 40% heavier than most plates out there. Don't be fooled by price! That is exactly what our competition wants!

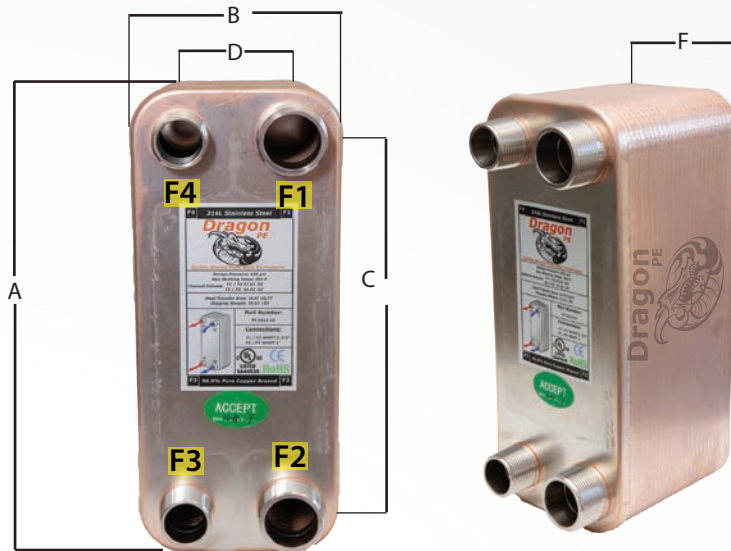
The plate packs are embossed with special corrugation patterns to promote high turbulence flow, which dramatically increases the heat transfer rates of the units thus making them a highly economical and effective solution for many process and heating applications.

Description & size reference are based on a well insulated home at 10 GPM; 180° F temperature water; average climate temperature of 39.1° F / 3.9° C.



Simplify your installation. A variety of Install kits available with diagrams for guidance. — Refer to Page 11 & 12.

Dragon Plate Heat Exchangers (Continued)



1-1/4" ports for better flow on larger plate heat exchangers 50 plates and above. For plates 10 to 40, all ports are 1" mnpt threads.

Model	Dimensions Inches (mm)					
	A	B	C	D	F (NP= Number of Plates)	Threaded (in)
PE 5x12	12.0" (306)	5.0" (126)	9.8" (250)	2.8" (70)	0.49 + 0.09NP	1" or 1-1/4" MNPT
PE 3x8	7.8" (196)	3.4" (86)	6.2" (156)	1.8" (46)	2.24 x NP + 7 = mm	3/4" MNPT

Model	Plate Area (sqft)	Channel Volume L/(USG)	Maximum Flow L/min (GPM)	Maximum number of plates	Weight (empty) kg (lb)
PE 5x12	0.032 (0.34)	0.054 (0.014)	189 (50)	100	2.2 + 0.16NP (4.8 + 0.35NP)
PE 3x8	0.03 (0.14)	0.022 (0.006)	45 (12)	50	0.7 + 0.06 x NP = kg (0.7 + 0.06 x NP x 2.2)

Model Number	Description & Size Reference	Price
PE 5x12 - 10	10 Plate Exchanger 20,000 BTU - Domestic Hot Water	\$139.99
PE 5x12 - 20	20 Plate Exchanger 40,000 BTU - Large Domestic Hot Water	\$173.99
PE 5x12 - 30	30 Plate Exchanger 60,000 BTU - 2,000 to 2,500 Sq. Ft.	\$198.99
PE 5x12 - 40	40 Plate Exchanger 75,000 BTU - 2,500 to 3,000 Sq. Ft.	\$249.99
All Ports Below are ** 2 Ports are 1" and 2 Ports are 1 1/4" MNPT threads. **		
PE 5x12 - 50 **	50 Plate Exchanger 100,000 BTU - 3,000 to 3,500 Sq. Ft.	\$275.99
PE 5x12 - 60 **	60 Plate Exchanger 150,000 BTU - 3,500 to 4,000 Sq. Ft.	\$315.99
PE 5x12 - 70 **	70 Plate Exchanger 175,000 BTU - 4,000 to 4,500 Sq. Ft.	\$359.99
PE 5x12 - 80 **	80 Plate Exchanger 200,000 BTU - 4,500 to 5,000 Sq. Ft.	\$392.99
PE 5x12 - 90 **	90 Plate Exchanger 225,000 BTU - 5,000 to 5,500 Sq. Ft.	\$417.99
PE 5x12 - 100 **	100 Plate Exchanger 250,000 BTU - 5,500 to 6,000 Sq. Ft.	\$455.99

***** All 4 Ports Below are 3/4" MNPT *****

Model Number	Description & Size Reference	Price
PE 3x8 - 20 ***	20 Plate Exchanger 12,000 BTU - Beer Chiller, Diesel Warmer	\$126.99
PE 3x8 - 30 ***	30 Plate Exchanger 20,000 BTU - Domestic Hot Water	\$148.99
PE 3x8 - 40 ***	40 Plate Exchanger 25,000 BTU - Large Beer Chiller	\$163.99
PE 3x8 - 50 ***	50 Plate Exchanger 30,000 BTU - Large Domestic Hot Water	\$180.99

Dragon Water to Air Heat Exchangers



Features:

- Aluminum fins are 12 per inch, with a 22 gauge galvanized steel frame
- 3/8" seamless tubing, 3 core construction for better heat exchange
- High flow of 12 GPM, 175 psi and can handle up to 350°F
- Highest Quality in the business!

Copper Features:

- Thickest you can get!
- K-Grade copper
- Price increasing rapidly
- 99.9% pure copper
- Hi-Temp solder used
- Ports long enough to use Sharkbite® fittings
- Install Kits available

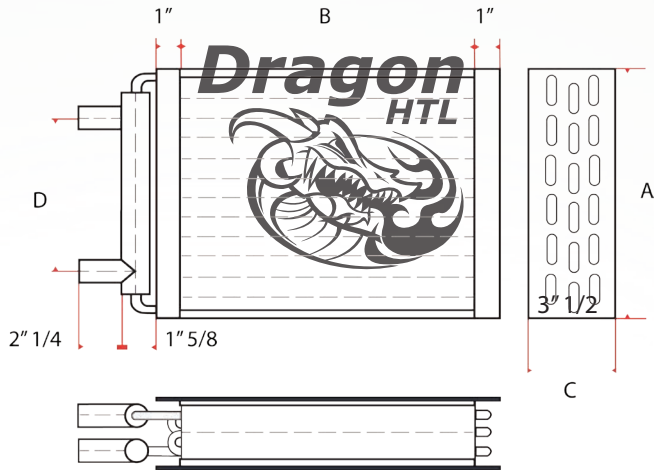
SKU	Max BTU	Dimensions	Port Size	Price (per unit)
HTL 12x12	60,000	12 x 12 in inches	1"	\$119.99
HTL 12x18	90,000	12 x 18 in inches	1"	\$163.99
HTL 12x24	120,000	12 x 24 in inches	1"	\$174.99
HTL 16x16	80,000	16 x 16 in inches	1"	\$169.99
HTL 16x18	100,000	16 x 18 in inches	1"	\$189.99
HTL 18x18	120,000	18 x 18 in inches	1"	\$198.99
HTL 18x20	140,000	18 x 20 in inches	1"	\$209.99
HTL 19x20	150,000	19 x 20 in inches	1"	\$214.99
HTL 20x20	160,000	20 x 20 in inches	1"	\$225.99
HTL 22x22	200,000	22 x 22 in inches	1"	\$255.99
HTL 22x25	220,000	22 x 25 in inches	1"	\$292.99
HTL 22x30	265,000	22 x 30 in inches	1"	\$358.99
HTL 24x24	240,000	24 x 24 in inches	1"	\$299.99

Our Heat Exchangers are High Quality and Built to Last! They are a great fit for a variety of heating and cooling applications. These compact units are designed to maximize heat transfer by utilizing a series of 3/8" copper tubes with high density aluminum fins. The fins are spaced so that the fin density is 12 fins per inch. This design enables heating loads of 50,000 - 60,000 BTU per square foot (please see performance chart below). Despite such high fin density, there is minimal flow resistance through these coils. These work great as solar dumps as well! We also have people using them for cooling and heating in very unique ways. If you're one of those people that like to design new things, all we can provide you with are the specifications below, we have no other information. Good luck with your projects.

CALL FOR QUANTITIES OF 20 OR MORE!

Current Pricing Online at www.AltHeatSupply.com

Water to Air Heat Exchanger Specifications



EAT	Entering Air Temperature 65° F
EWT	Entering Water Temperature 180° F
LAT	Leaving Air Temperature
APD	Air Pressure Drop: Water Column
CFM	Cubic Feet per Minute
WPD	Water Pressure Drop:ft for water (1 psi=2.31 ft)
GPM	Gallons per Minute
FPI	Fins per Inch

Calculations based on:
 3-Rows (2.598")/3/8" tubing/
 12 FPI (louvered fin),
 1-1/8" OD connections solder

**Also Available for easy install;
 Hydro Coil Kit - see pg 11**

Model	Dimensions				Specifications						
	A	B	C	D	GPM	5	10	12	APD	LAT MIN	LAT MAX
12x12	12	12	3 1/2	7 3/4	CFM	BTU					
					600	44542	47978	48607	0.35	133	139
					800	51846	56895	57836	0.58		
					1000	57659	64294	65550	0.85	118	125
					WPD	1.01	3.64	5.11			
	12x18	12	18	3 1/2	7 3/4	CFM	BTU			APD	LAT MIN
					600	51261	54623	55219	0.18	143	149
					800	60663	65897	66843	0.29	134	141
					1000	68257	75406	76718	0.42	127	135
					1200	75713	83607	85292	0.58	123	130
					WPD	1.18	4.21	5.91			
12x24	12	24	3 1/2	7 3/4	CFM	BTU			APD	LAT MIN	LAT MAX
					1200	85400	94795	96785	0.29	130	139
					1400	92166	103538	106019	0.37	125	134
					1600	98057	111322	114295	0.47	121	130
					1800	103251	118316	121779	0.58	118	127
					WPD	0.61	2.15	3.01			
16x16	16	16	3 1/2	11 1/2	CFM	BTU			APD	LAT MIN	LAT MAX
					600	53087	56720	57361	0.14	146	152
					800	63004	68750	69787	0.22	137	145
					1000	70996	78917	80375	0.31	130	138
					1200	78960	87691	89579	0.43	125	133
					WPD	0.69	2.47	3.47			
16x18	16	18	3 1/2	11 1/2	CFM	BTU			APD	LAT MIN	LAT MAX
					800	65563	71288	72310	0.18	140	148
					1000	74152	82154	83611	0.26	133	141
					1200	82598	91567	93472	0.35	128	136
					1400	89045	99843	102203	0.46	123	132
					WPD	0.72	2.59	3.63			
18x18	18	18	3 1/2	13	CFM	BTU			APD	LAT MIN	LAT MAX
					1200	85400	94795	96785	0.29	130	139
					1400	92166	103538	106019	0.37	125	134
					1600	98057	111322	114295	0.47	121	130
					1800	103251	118316	121779	0.58	118	127
					WPD	0.61	2.15	3.01			

Specifications (Continued)

	A	B	C	D	GPM	5	10	12			
					CFM	BTU			APD	LAT MIN	LAT MAX
18x20	18	20	3 1/2	13	1400	95850	107540	110046	0.31	128	137
					1600	102113	115842	118864	0.39	123	133
					2000	112549	130087	134138	0.58	116	126
					2200	116965	136267	140825	0.68	114	123
					WPD	0.63	2.26	3.14			
19x20	19	20	3 1/2	14 1/2	1400	96849	108886	111481	0.28	128	138
					1800	108760	124925	128599	0.44	120	130
					2100	116007	135015	139491	0.57	116	126
					2450	123147	147368	150589	0.75	111	121
					WPD	0.47	1.66	2.32			
20x20	20	20	3 1/2	14 1/2	1600	105169	119538	122692	0.33	125	135
					1800	110911	127376	131083	0.39	121	132
					2100	118368	137797	142328	0.52	116	127
					2400	124739	148984	152253	0.66	112	123
					2700	130264	157540	161101	0.79	109	120
					WPD	0.54	1.91	2.65			
22x22	22	22	3 1/2	17 1/2	1800	117875	135603	139512	0.29	125	136
					2100	125988	147128	151958	0.37	120	131
					2400	132898	159349	162962	0.47	116	127
					2700	138871	168801	172785	0.58	112	123
					3100	145700	179987	188023	0.74	108	120
					WPD	0.48	1.71	2.38			
22x30	22	30	3 1/2	17 1/2	1800	142355	163968	168634	0.22	137	141
					2000	149214	173806	179245	0.26	134	138
					2400	160852	193529	198038	0.35	127	136
					2800	170595	209022	216801	0.46	118	131
					3200	173368	222563	231645	0.59	117	132
					WPD	0.44	1.54	2.16			
22x25	22	25	3 1/2	17 1/2	1800	142355	163968	168634	0.22	137	141
					2000	149214	173806	179245	0.26	134	138
					2400	160852	193529	198038	0.35	127	136
					2800	170595	209022	216801	0.46	118	131
					3250	173368	222563	231645	0.59	117	132
					WPD	0.44	1.54	2.16			
24x24	24	24	3 1/2	18 1/2	1800	124219	143078	147150	0.22	128	140
					2000	130204	151663	156409	0.26	124	136
					2400	140360	168874	172808	0.35	118	131
					2800	148681	182393	189181	0.46	114	127
					3200	155644	194208	202134	0.59	110	123
					WPD	0.44	1.54	2.16			

Dragon Fin-Enhanced Side Arm

304
STAINLESS STEEL



Watch Our Install Video On
Youtube.com/Alheatsupply

Dragon
SA



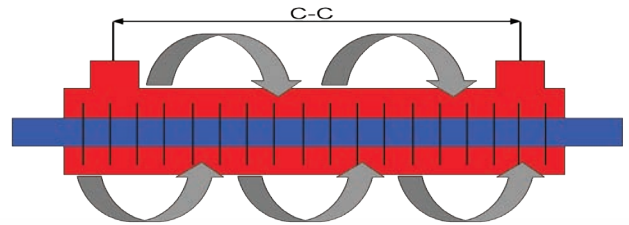
High Quality Fin-Enhanced Sidearm Heat Exchangers are designed with the natural thermo-siphon concept on the domestic hot water side. Made of 304 stainless steel, fin-enhanced sidearms increase heat transfer efficiency significantly by using a finned tube internally, which has a surface area five to eight times bigger than bare tube and produces greater turbulence on the system side.

Traditional sidearms are made of two bare copper tubes. Thus, its capacity is decided by the length of sidearm-tubes and the heat transfer efficiency is very low. With fin-enhanced sidearms you not only need a shorter unit, but get bigger capacity and faster heating.

Due to the compact size and lightweight of the sidearm heat exchanger, these units are ideal for residential heating and plumbing applications. Also called domestic water heat exchangers, they are typically used to heat domestic water using either a conventional boiler, outdoor wood furnace or a solar hot water system. Typically, the domestic water is circulated by means of the thermo siphon principle which saves on the cost of a pump and the associated electrical costs. In cases where faster heat recovery is required. The domestic hot water should be circulated by means of a pump. Pump circulation will typically provide a heat recovery 3 to 4 times greater than thermo-siphoning.

SA95
\$159.99

SA115
\$169.99



Single Wall Sidearms						
SKU	BTU	Length	Boiler Port (B)	Domestic Port (A)	Construction	C-C Distance System Side
SA95	9500	34"	1" MNPT	3/4" MNPT	SS304	28.34"
SA115	11500	38"	1" MNPT	3/4" MNPT	SS304	33.66"



Mixing Valves or Scorch Guides are recommended!
SAkit Sidearm Kit - For domestic hot water systems. Kit includes mixing valve (MV34S or MV34SB), sidearm and a diagram for easy installation.

Refer to Page 9 for more information about mixing valves

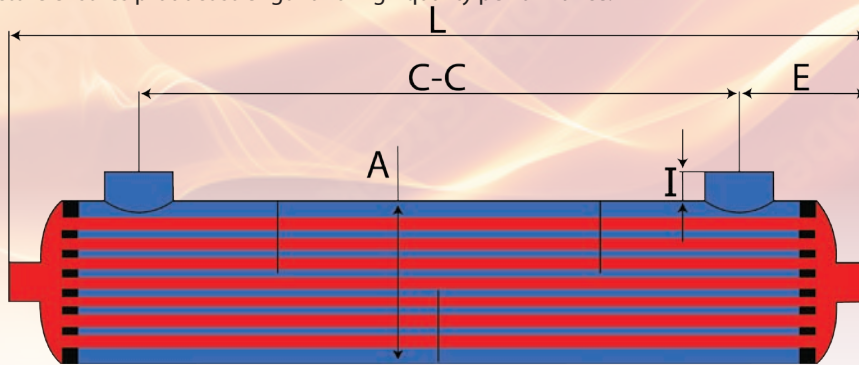
SKU	Price
SA34Kit	\$264.98
SA38Kit	\$274.98
SA34kitSB	\$279.98
SA38kitSB	\$289.98

**FREE SHIPPING ON
ALL ORDERS OVER \$199.99**

Dragon Tube & Shell Heat Exchangers



Tube & Shell Heat Exchangers are suited for higher-pressure applications. As its name implies, this type of heat exchanger consists of a shell (a large pressure vessel) with a bundle of tubes inside it. One fluid runs through the tubes, and another fluid flows around the tubes (through the shell) to transfer heat between the two fluids. Ideal for many residential and industrial applications. The complete stainless steel welded structure ensures product strength and high quality performance.



Applications:

- Pools & Spas
- Hot Tubs
- Beer Brewing Coolers
- Transmission and Engine Coolers
- Oil Coolers
- Boiler Sample Cooler
- Waste Water Heat Recovery
- 316L Stainless Steel

SKU	BTU/hr	L (inch)	D (inch)	C-C (inch)	F (inch)	H (inch)	Tube Side (in)	Shell Side (in)
SS100	100,000	16.9	3.5	8.7	4.1	0.71	3/4	1.5
SS170	170,000	18.7	3.5	10.7	4.0	0.71	3/4	1.5
SS260	260,000	25.8	3.5	17.7	4.0	0.71	1.0	1.5
SS370	370,000	29.7	3.5	21.7	4.0	0.71	1.0	1.5
SS640	650,000	38.0	4.3	29.2	4.4	0.75	1.5	2.0
SS1200	1,200,000	52.0	4.3	43.2	4.4	0.75	2.0	2.0

Rating	Design Pressure	Design Temperature	Material
Shell Side	150 psi	230° F	SS316L
Tube Side	150 psi	250° F	SS316L

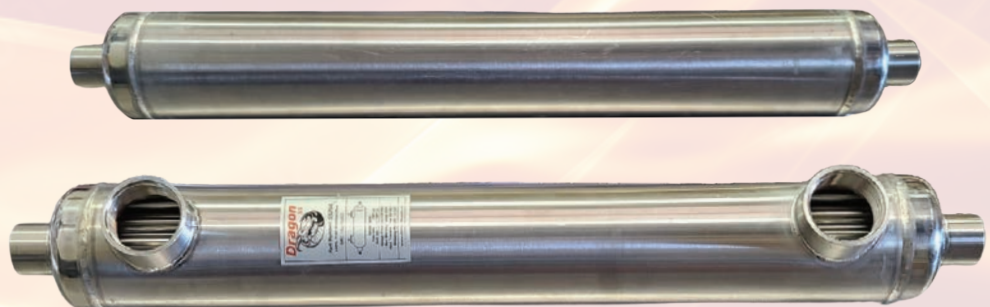
SKU	Pool Capacity	Price
SS100	Up to 6,000	\$379.99
SS170	Up to 12,000	\$399.99
SS260	Up to 18,000	\$499.99
SS370	Up to 28,000	\$659.99
SS640	Up to 36,000	\$959.99
SS1200	Up to 46,000	\$1379.99

316L STAINLESS STEEL



Pool & Spa Kits available to make for an easy installation. Diagrams included to guide you. (PSkit) — Refer to Page 12

Dragon SS



Cupro Nickel Heat Exchangers

Cupro-Nickel CN-P heat exchangers are suitable for applications ranging up to 1 million btu/hr. These units are easy to maintain as both the end covers and tube stack can be removed easily for cleaning. CN Series pool heat exchangers are the only swimming pool units with this feature.

**CPVC = Comes with CPVC Unions

SKU	Inlet	Outlet	Price
CN200-CPVC	1" NPT	1 1/2" NPT	\$859.99
CN400-CPVC	1 1/4" NPT	2" NPT	\$1289.99
CN650	1 1/2" NPT	2 1/2" NPT	\$1765.99

Titanium Heat Exchangers

The Bowman CN-Ti series heat exchangers are designed for salt water pool applications. Tube stack is made of Titanium. The CN-Ti series pool heat exchangers is available in capacities ranging from 135,000 BTU/hr to 680,000 BTU/hr.

**CPVC = Comes with CPVC Unions

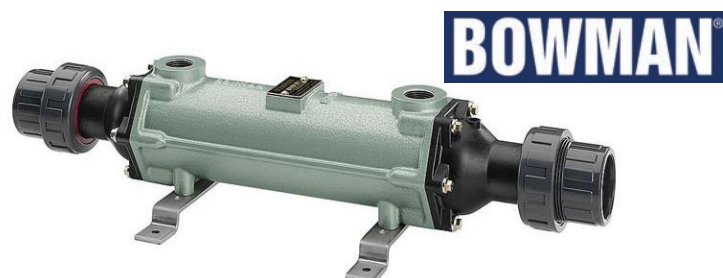
SKU	Inlet	Outlet	Price
Ti135-CPVC	1" NPT	1 1/2" NPT	\$796.99
Ti200-CPVC	1" NPT	1 1/2" NPT	\$1076.99
Ti400-CPVC	1 1/4" NPT	2" NPT	\$1452.99
Ti650	1 1/2" NPT	2 1/2" NPT	\$2726.99

CN-P & CN-Ti Applications

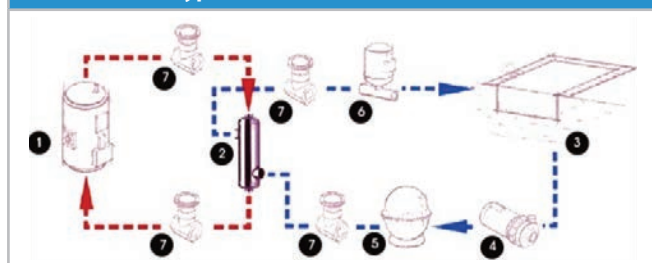
- Pools, spas and hot tubs
- Solar heated pools
- Domestic hot water
- Salt water applications
- Waste water heat recovery

CN-P & CN-Ti Applications

- Removable tube bundle heat transfer surface
- Shell made of cast iron
- Tube side operating pressure 87 PSIG
- Shell side operating pressure to 87 PSIG
- Operating temperature should not exceed 210° F
- Perfect solution for salt water swimming pools
- Manufactured with cupro-nickel tubes to ensure corrosion resistance to salt water and longer equipment life
- Nominal heating capacities up to 1,000,000 btu/hr. for pool applications
- Eliminates the need for external bypass as the whole pool flow goes through the heat exchanger
- Due to the high flow rates through the heat exchangers, they are inherently self-cleaning



Typical Pool Heater Installations



Salt Water Swimming Pool Heaters

Due to the increasing popularity of salt water pools we offer the Bowman CN-P & CN-Ti Series heat exchangers, which can withstand the corrosive effects of salt water. The CN Series heat exchangers are constructed of corrosion resistant cupro-nickel tubes and bronze end covers and are therefore suitable for salt water pools and spas.

Extremely Low Pressure Drops!

Nominal Capacity			Boiler Water		Pool Water		
SKU	kW	Btu/hr	Flow	Pressure Drop	Pool Capacity (US Gal)	Flow	Pressure Drop
Ti135-CPVC	56.2	135,000	9	1.94	Up to 14,000	27	1.00
CN-P & Ti 200	58.4	200,000	9	1.94	Up to 19,000	30	1.00
CN-P & Ti 400	117	400,000	20	1.14	Up to 30,000	78	2.25
CN-P & Ti 650	190	650,000	25	0.75	Up to 50,000	100	2.13

"Only The Self-Sufficient Stand Alone-Most People Follow The Crowd And Imitate"

Dragon Breath Mini Space Heaters

Instead of installing a new complete heating system, simply mount a Dragon Breath Mini Air Handler just about anywhere. They are used to heat bonus rooms, small houses with electric heat, basements, garages, workshops, greenhouses, warehouses and anything you can think of. This is a hot air furnace that is small and powerful enough to heat homes that need up to 70,000 BTU's without the price and installation cost of a full size hot air furnace. The units come with a blower and a water to air heat exchanger. These are commercial grade units and the blowers are very quiet with high air volumes. Heaters come assembled and ready to work.



Dragon Breath Mini Space Heaters Specifications

SKU	Depth (A)	Height (B)	Width (C)	Plenum opening	H= Anchor width	Water Lines =ID	Shipping weight=Lbs	Price
DBAH70	19.5"	16"	12.5	12" x 12"	NA	1"	60	\$699.99

SKU	BTU / HR EWT-200°	BTU / HR EWT-180°	CFM- Amps	GPM	APD	Speed Controllable	Approximate FOH-WPD	Approximate WTD at 180°	HP
DBAH70	68765	65550	1001-0.5	12	.85	Yes	2.72	160°	1/6

SKU	Voltage	Hz	Full Amps	Phase	RPM	Mountable
DBAH70	115	60	3.7	1	1011	Multi-position

Install in a crawl space, closet or bonus room, house with electric heat, finished basement, make a cold part of the house comfortable again, double wide trailers, work areas that need to be quiet and discreet, and much more! They can be installed under a motor home, in a basement, and you can branch off of duct work as many times as you please. All duct work parts can be found at any home improvement store. You can see in the pictures above how easily they can be installed; the only thing holding you back is your imagination. **Louvers Sold Separately** (SKU# DBLouverAH)



Behind wall Finished Room

*Example of Mini Dragon Breath Heater installed in closet.

FREE SHIPPING!

WORKS WITH DUCTWORK!

Dragon Breath Space Heaters

Mount just about anywhere. They are used to heat basements, garages, workshops, greenhouses, warehouses, and anything you can think of. These units come with a high quality fan, water to heat exchanger and adjustable louvers grills. The fans are speed controllable, they have a built in speed controller and are commercial grade units. Stamped fan blades quietly exhaust high air volumes. All parts used are high quality. Units come assembled!

New Options



In Line Thermostat
TH002
Page 9



Hydro Coil Kit
for an easy installation
HCKitsb
Page 11



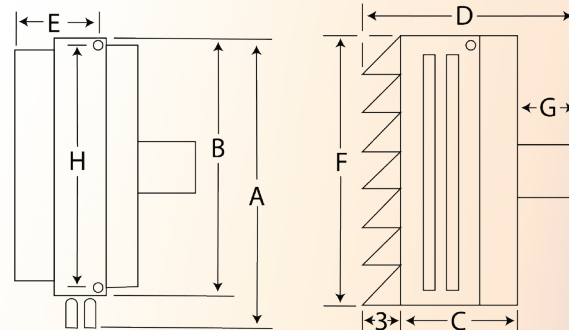
Variable Speed Controller
SC36
Page 9



Top View

Side View

EAT	Entering Air Temperature 65° F
EWT	Entering Water Temperature 180° F
LAT	Leaving Air Temperature
APD	Air Pressure Drop: Water Column
CFM	Cubic Feet per Minute
WPD	Water Pressure Drop:ft for water (1 psi=2.31 ft)
GPM	Gallons per Minute
FPI	Fins per Inch



Unit Heater Dimensions

SKU	A	B	C	D	E	F	G	H	WATER LINES= ID	SHIPPING WEIGHT (LBS)	Price
DB70	22	16-1/2	7-1/4	17-1/2	7-1/2	16-3/8	3-1/2	NA	1"	42	\$599.99
DB100	26	20-1/2	8	17-1/2	7-1/2	20-3/8	3	NA	1"	62	\$699.99
DB150	28	22-1/2	8-1/4	18-1/2	7-1/2	22-3/8	5	NA	1"	75	\$899.99
DB200	30	24-1/2	8-1/4	19	7-1/2	24-3/8	6-1/2	NA	1"	100	\$999.99

All Measurements are in inches

Unit Heater Specifications

SKU	BTU / HR EWT-200°	BTU / HR EWT-180°	CFM-Amps	GPM	APD	Speed Controllable	Approximate FOH-WPD	Approximate WTD at 180°	HP
DB70	69,892	55,506	845-1.6	12	.11	SC36	2.75	170°	1/30
DB100	105,235	89,543	1107-1.6	14	.10	SC36	2.51	167°	1/20
DB150	161,163	137,567	2500-3.9	14	.20	SC36	2.41	159°	1/4
DB200	210,671	183,789	3440-3.0	15	.25	SC36	2.71	157°	1/4

Great for heating garages, greenhouses, workshops & basements

Internal specifications using water. Entering air temp = 65°

Copper Fitting

Item	Description	SKU	Size	Price	Bag Price (per unit)
	90° Sweat Elbow	SW912	1/2"	\$0.79	\$0.69 - 50 per bag
		SW934	3/4"	\$1.69	\$1.59 - 25 per bag
		SW901	1"	\$4.99	\$4.79 - 10 per bag
	MPT x Sweat	SWM0134	1" x 3/4"	\$11.59	\$11.29 - 10 per bag
		SWM34	3/4"	\$2.69	\$2.49 - 25 per bag
		SWM01	1"	\$7.49	\$7.09 - 20 per bag
	Sweat x FPT	SWF3401	3/4" x 1"	\$10.99	\$10.49 - 25 per bag
		SWF01	1"	\$8.29	\$7.99 - 10 per bag
	Sweat Coupler with Stop	SWC12	1/2"	\$0.69	\$0.59 - 50 per bag
		SWC34	3/4"	\$1.19	\$1.09 - 25 per bag
		SWC01	1"	\$2.49	\$2.29 - 25 per bag
	Sweat 45°	SW412	1/2"	\$1.39	\$1.19 - 50 per bag
		SW434	3/4"	\$2.49	\$2.29 - 25 per bag
		SW401	1"	\$5.99	\$5.79 - 25 per bag
	Sweat Street 90°	SWS912	1/2"	\$1.19	\$1.09 - 50 per bag
		SWS934	3/4"	\$2.19	\$1.99 - 25 per bag
		SWS901	1"	\$5.99	\$5.49 - 10 per bag
	Sweat Tee	SWT12	1/2"	\$1.29	\$1.19 - 25 per bag
		SWT34	3/4"	\$3.39	\$3.19 - 25 per bag
		SWT01	1"	\$8.99	\$8.39 - 10 per bag
	Sweat Reducer Coupler	SWR3412	3/4" x 1/2"	\$1.99	\$1.79 - 25 per bag
		SWR0134	1" x 3/4"	\$3.99	\$3.49 - 10 per bag
	Pex x Sweat	PMS12	1/2"	\$1.49	\$1.39 - 25 per bag
		PMS34	3/4"	\$2.59	\$2.39 - 25 per bag
		PMS01	1"	\$4.99	\$4.89 - 10 per bag
		PMS1234	1/2" x 3/4"	\$2.99	\$2.69 - 25 per bag
	Pipe Talon (hangs copper, pex & pvc to ceilings or walls easily)	PTT12	1/2"	\$0.30	\$0.25 - 50 per bag
		PTT34	3/4"	\$0.25	\$0.20 - 50 per bag
		PTT01	1"	\$0.55	\$0.50 - 50 per bag

Helpful Tip!

Don't use galvanized fittings in a boiler application.
ALL chemicals that protect your boiler eat the galvanized coating.

Brass Fitting



Item	Description	SKU	Size	Price	5 or More
	FPT Brass Union	BRU34	3/4"	\$15.59	\$15.39
		BRU01	1"	\$20.89	\$19.63
	Brass Reducer Bushing	BRB0112	1" x 1/2"	\$5.29	\$4.99
		BRB0134	1" x 3/4"	\$5.79	\$4.99
	Brass Street 90°	BRS934	3/4"	\$9.54	\$8.99
		BRS901	1"	\$14.99	\$14.89
	Brass 90° Elbow FPT	BR934	3/4"	\$7.79	\$7.29
		BR901	1"	\$13.79	\$12.75
	2" Brass Nipple	BRN3402	3/4"	\$4.29	\$3.99
		BRN0102	1"	\$4.59	\$4.29
	4" Brass Nipple	BRN3404	3/4"	\$8.89	\$8.29
	Brass Tee FPT	BRT34	3/4"	\$10.49	\$9.99
		BRT01	1"	\$16.49	\$15.99
	Brass 45° FPT	BR434	3/4"	\$7.99	\$7.49
		BR401	1"	\$13.99	\$12.99
	Brass Coupling FPT	BRC34	3/4"	\$4.99	\$4.89
		BRC01	1"	\$8.99	\$8.79
	Ball Valve FPT	BV12	1/2"	\$5.69	\$5.39
		BV34	3/4"	\$8.99	\$8.69
		BV01	1"	\$16.99	\$15.99
		BV114	1 1/4"	\$19.99	\$18.99
	Boiler Drain	BD12	1/2"	\$7.99	\$7.49
		BD34	3/4"	\$8.99	\$8.49
	Swing Check Valve	CVS34	3/4"	\$10.99	\$10.49
		CVS01	1"	\$15.99	\$15.49
	In-Line Spring Check Valve	CV12	1/2"	\$7.69	\$7.49
		CV34	3/4"	\$12.99	\$12.49
		CV01	1"	\$16.99	\$16.49

Black Malleable Fittings

Item	Description	SKU	Size	Price	5 or More
	Malleable Iron Union	BKU01	1"	\$8.99	\$8.49
		BKU114	1 1/4"	\$11.99	\$11.49
	Malleable Iron Bushing	BKB0112	1" x 1/2"	\$2.96	\$2.79
		BKB11412	1 1/4" x 1/2"	\$2.96	\$2.79
		BKB11434	1 1/4" x 3/4"	\$2.96	\$2.69
		BKB11401	1 1/4" x 1"	\$2.49	\$2.29
	Malleable Iron 90° Straight Elbow	BK912	1/2"	\$1.49	\$1.39
		BK934	3/4"	\$1.99	\$1.89
		BK901	1"	\$2.89	\$2.69
		BK9114	1 1/4"	\$4.19	\$3.99
	Malleable Iron Straight Tee	BKT12	1/2"	\$1.75	\$1.65
		BKT34	3/4"	\$2.45	\$2.35
		BKT01	1"	\$3.85	\$3.75
		BKT114	1 1/4"	\$6.99	\$6.49
	Malleable Iron Reducing Tee	BKT0112	1" x 1" x 1/2"	\$7.69	\$7.49
		BKT0134	1" x 1" x 3/4"	\$4.55	\$4.45
		BKT11412	1 1/4" x 1 1/4" x 1/2"	\$5.99	\$5.49
	Malleable Iron Plug	BKP12	1/2"	\$0.79	\$0.69
		BKP34	3/4"	\$1.09	\$0.99
		BKP114	1 1/4"	\$1.55	\$1.50
	Malleable Iron 90° Street Elbow	BKS901	1"	\$3.35	\$3.25
		BKS9114	1 1/4"	\$3.99	\$3.79
	Malleable Iron Reducing Coupling	BKC0134	1" x 3/4"	\$2.25	\$2.15
		BKC11412	1 1/4" x 1/2"	\$3.25	\$3.15
		BKC11434	1 1/4" x 3/4"	\$3.75	\$3.65
		BKC11401	1 1/4" x 1"	\$3.29	\$2.99
	Malleable Iron Coupling	BKC114	1 1/4"	\$3.45	\$3.35

Helpful Tip!

Do NOT use galvanized fittings in a boiler application. ALL chemicals that protect your boiler eat the galvanized coating.



Remember Teflon Tape!

Part #TFW12
Only \$ 1.49 ea.

Black Nipples



Item	Description	Part #	Price
	1/2" x Close Black Nipple	BKN12C	\$0.45
	1/2" x 2" Black Nipple	BKN1202	\$0.99
	1/2" x 3" Black Nipple	BKN1203	\$0.99
	1/2" x 4" Black Nipple	BKN1204	\$1.15
	1/2" x 6" Black Nipple	BKN1206	\$1.43
	1/2" x 8" Black Nipple	BKN1208	\$2.25
	1/2" x 10" Black Nipple	BKN1210	\$3.10
	1/2" x 12" Black Nipple	BKN1212	\$3.99
	1" x Close Black Nipple	BKN01C	\$1.10
	1" x 2" Black Nipple	BKN0102	\$1.25
	1" x 3" Black Nipple	BKN0103	\$1.59
	1" x 4" Black Nipple	BKN0104	\$1.89
	1" x 6" Black Nipple	BKN0106	\$2.99
	1" x 8" Black Nipple	BKN0108	\$4.59
	1" x 10" Black Nipple	BKN0110	\$5.49
	1" x 12" Black Nipple	BKN0112	\$5.99
	3/4" x Close Black Nipple	BKN34C	\$0.75
	3/4" x 2" Black Nipple	BKN3402	\$0.69
	3/4" x 3" Black Nipple	BKN3403	\$1.09
	3/4" x 4" Black Nipple	BKN3404	\$1.39
	3/4" x 6" Black Nipple	BKN3406	\$2.35
	3/4" x 8" Black Nipple	BKN3408	\$2.75
	3/4" x 10" Black Nipple	BKN3410	\$3.99
	3/4" x 12" Black Nipple	BKN3412	\$4.75
	1 1/4" x Close Black Nipple	BKN114C	\$1.45
	1 1/4" x 2" Black Nipple	BKN11402	\$1.65
	1 1/4" x 3" Black Nipple	BKN11403	\$2.79
	1 1/4" x 4" Black Nipple	BKN11404	\$3.35
	1 1/4" x 6" Black Nipple	BKN11406	\$4.79
	1 1/4" x 8" Black Nipple	BKN11408	\$6.59
	1 1/4" x 10" Black Nipple	BKN11410	\$7.79
	1 1/4" x 12" Black Nipple	BKN11412	\$8.99

SharkBite® Fittings & Tools




Item	Description	SKU	Size	Price	Bag Price (per unit)
	SharkBite® 90° Elbow	SB912	1/2"	\$7.59	\$7.39 - 12 per bag
		SB934	3/4"	\$8.69	\$8.59 - 12 per bag
		SB901	1"	\$17.99	\$17.49 - 6 per bag
	SharkBite® x MPT	SBM12	1/2" x 1/2"	\$5.99	\$5.69 - 12 per bag
		SBM34	3/4" x 3/4"	\$7.69	\$7.19 - 12 per bag
		SBM01	1" x 1"	\$13.55	\$13.05 - 6 per bag
		SBM0134	1" x 3/4"	\$12.75	\$12.25 - 6 per bag
		SBM1234	1/2" x 3/4"	\$7.19	\$7.09 - 6 per bag
	SharkBite® x FPT	SBF12	1/2" x 1/2"	\$6.99	\$6.59 - 12 per bag
		SBF34	3/4" x 3/4"	\$7.99	\$7.59 - 12 per bag
		SBF01	1" x 1"	\$11.99	\$11.69 - 6 per bag
	SharkBite® Coupler	SBC12	1/2" x 1/2"	\$6.99	\$6.79 - 12 per bag
		SBC34	3/4" x 3/4"	\$8.25	\$7.99 - 6 per bag
		SBC01	1" x 1"	\$16.99	\$15.99 - 6 per bag
	SharkBite® Reducing Coupling	SBC3412	3/4" x 1/2"	\$8.99	\$8.49 - 12 per bag
		SBC0134	1" x 3/4"	\$14.99	\$14.79 - 6 per bag
	SharkBite® Stop	SBS12	1/2"	\$7.29	\$6.99 - 12 per bag
		SBS34	3/4"	\$7.29	\$6.99 - 6 per bag
		SBS01	1"	\$13.79	\$13.59 - 6 per bag
	SharkBite® Tee	SBT12	1/2"	\$10.75	\$10.45 - 12 per bag
		SBT34	3/4"	\$11.99	\$11.79 - 6 per bag
		SBT01	1"	\$21.99	\$21.49 - 3 per bag
	SharkBite® Reducing Tee	SBT343412	3/4" x 3/4" x 1/2"	\$11.69	\$11.39 - 6 per bag
		SBT341234	3/4" x 1/2" x 3/4"	\$12.59	\$11.99 - 6 per bag
		SBT341212	3/4" x 1/2" x 1/2"	\$12.99	\$12.69 - 6 per bag
		SBT010134	1" x 1" x 3/4"	\$22.99	\$22.59 - 3 per bag
	SharkBite® Check Valve	SBCV12	1/2"	\$16.99	\$16.49 - 3 per bag
		SBCV34	3/4"	\$18.99	\$18.49 - 3 per bag
		SBCV01	1"	\$39.99	\$39.69 - 3 per bag
	SharkBite® Ball Valve	SBBV12	1/2"	\$16.99	\$15.79 - 12 per bag
		SBBV34	3/4"	\$22.99	\$21.99 - 12 per bag
		SBBV01	1"	\$28.99	\$28.59 - 6 per bag
	SharkBite® Pressure Gauge	SBPG12	1/2"	\$28.69	N/A
		SBPG34	3/4"	\$31.99	N/A
		SBPG01	1"	\$47.99	N/A
	SharkBite® Disconnect Clip	SBDC12	1/2"	\$1.59	\$1.49 - 24 per bag
		SBDC34	3/4"	\$1.99	\$1.79 - 24 per bag
		SBDC01	1"	\$1.99	\$1.79 - 12 per bag
		SBDC123	1/2", 3/4" & 1"	\$5.97	N/A
	SharkBite® Disconnect Tongs	SBDT12	1/2"	\$7.99	\$7.69 - 3 per bag
		SBDT34	3/4"	\$7.99	\$7.69 - 3 per bag
		SBDT01	1"	\$7.99	\$7.69 - 3 per bag
		SBDT123	1/2", 3/4" & 1"	\$26.25	N/A

Unbeatable Quality!

Current Pricing Online at www.AltHeatSupply.com

Pex Fittings & Tools

Item	Description	SKU	Size	Price	Bulk Price (per unit)
	Pex x MPT	PM1234	1/2" x 3/4"	\$2.99	\$2.79 - 25 per bag
		PM1212	1/2" x 1/2"	\$1.99	\$1.89 - 25 per bag
		PM3412	3/4" x 1/2"	\$2.99	\$2.79 - 25 per bag
		PM3434	3/4" x 3/4"	\$3.99	\$3.29 - 25 per bag
		PM0134	1" x 3/4"	\$6.99	\$6.29 - 10 per bag
		PM0101	1" x 1"	\$6.99	\$6.29 - 10 per bag
	Pex Coupler	PC12	1/2"	\$1.49	\$1.29 - 25 per bag
		PC01	1"	\$3.99	\$3.92 - 10 per bag
	Pex 90° Elbow	P9M1212	1/2" x 1/2"mpt	\$1.39	\$1.29 - 25 per bag
		P912	1/2"	\$1.97	\$1.79 - 25 per bag
		P934	3/4"	\$2.25	\$2.09 - 25 per bag
		P901	1"	\$4.89	\$4.59 - 10 per bag
	Pex Tee	PT12	1/2"	\$1.99	\$1.89 - 25 per bag
		PT343412	3/4" x 1/2"	\$2.99	\$2.69 - 25 per bag
		PT34	3/4"	\$2.99	\$2.69 - 25 per bag
		PT01	1"	\$6.89	\$4.99 - 10 per bag
	Pex x Male Sweat	PMS12	1/2"	\$1.49	\$1.39 - 25 per bag
		PMS1234	1/2" x 3/4"	\$2.99	\$2.69 - 25 per bag
		PMS34	3/4"	\$2.59	\$2.39 - 25 per bag
		PMS01	1"	\$4.99	\$4.89 - 10 per bag
	Pex x Female FPT	PF12	1/2"	\$2.99	\$2.59 - 25 per bag
		PF34	3/4"	\$3.99	\$3.59 - 25 per bag
		PF01	1"	\$6.99	\$5.99 - 10 per bag
	Pex Plug	PP12	1/2"	\$0.99	\$0.69 - 25 per bag
		PP34	3/4"	\$0.99	\$0.89 - 25 per bag
		PP01	1"	\$1.99	\$1.69 - 10 per bag
	Pex x Pex Ball Valve	PBV12	1/2"	\$7.99	\$7.59 - 12 per bag
		PBV34	3/4"	\$11.99	\$11.49 - 12 per bag
		PBV01	1"	\$19.99	\$18.99 - 6 per bag
	Pex Ring	PR12	1/2"	\$0.30	\$0.25 - 25 per bag
		PR34	3/4"	\$0.40	\$0.35 - 25 per bag
		PR01	1"	\$0.60	\$0.55 - 25 per bag
	Stainless Steel Crimp Rings	SCR12	1/2"	\$0.40	\$0.35 - 100 per bag
		SCR34	3/4"	\$0.59	\$0.49 - 50 per bag
		SCR01	1"	\$0.69	\$0.64 - 50 per bag
	Pex Talon (hangs pex to ceiling or wall easily)	PTT12	1/2"	\$0.30	\$0.25 - 50 per bag
		PTT34	3/4"	\$0.25	\$0.20 - 50 per bag
		PTT01	1"	\$0.55	\$0.50 - 50 per bag

Best Prices Around!



- 5.5" O.D. - Increased insulation protection
- Joint-free installation & end caps included
- 50% more insulation than 4" (competition)
- High flexibility
- 2 Line or 4 Line available
- Easy to install
- Density 1.5 lb
- Made in USA

R-Value 8.5

SKU	Description (Non-Barrier A-Quality Pex)	Price
ValuFlex NB	2 - 1" non - barrier pex	\$12.99 per ft. Minimum 50 Feet

SKU	Description (Barrier A-Quality Pex)	Price
ValuFlex B	2 - 1" barrier pex	\$14.99 per ft. Minimum 50 Feet

Flexsul-Seal
Insulated pipe just got flexible.

5.5" Heavy Duty Corrugated Pipe!

- High flexibility, lightweight - Easier handling
- 5.5" O.D. - Increased insulation protection
- 50% more insulation area than 4" (competition)
- Elastomeric Insulation, closed cell
- Easy to install
- Thermal dead air pocket - R-value 11
- Density 1.5 lbs
- Maximum Temperature - 220°F
- Made in USA

R-Value 11



SKU	Description (Non-Barrier A-Quality Pex)	Price
Flex NB01-2	2 - 1" non- barrier pex	\$16.99 per ft. Minimum 50 Feet

SKU	Description (Barrier A-Quality Pex)	Price
Flex B01-2	2 - 1" barrier pex	\$17.99 per ft. Minimum 50 Feet

All Insulated Pipe is Sold in 5' Increments

Special Orders Upon Request



Why insulated pipe? It's a great way to increase the efficiency of your outdoor furnace, while keeping the wood stove a good distance away from the house or any other building to be heated. This eliminates the wood mess sometimes associated with indoor wood burning units and the safety concerns associated with wood burning units are also removed. This makes this type of heat well received by insurance companies. On a typical 80' - 100' run between furnace & house the water temperature can be within 3° of furnace temp as it enters the heat exchanger at the house. This translates into less wood to be burned and less time spent loading the furnace. An already efficient heat source is made even more economical. Heat loss between the furnace and the heat exchangers at the areas to be heated has been virtually eliminated.

**Oversized- additional shipping charges apply.*

Size	SharkBite® (Barrier)	SKU	Price
3/4"	Pex Roll of 100 ft.	PB34100	\$79.99
	Pex Roll of 300 ft.	PB12100	\$49.99
1/2"	Pex Roll of 300 ft.	PB12300	\$144.99
	Pex Roll of 500 ft.	PB12500	\$229.99

Size	SharkBite® (Non-Barrier)	SKU	Price
1"	Pex Roll of 100 ft. (Red or Blue)	P01100	\$109.99
	Pex Roll of 300 ft. (Red or Blue)*	P01300	\$299.99
3/4"	Pex Roll of 100 ft. (Red or Blue)	P34100	\$64.99
	Pex Roll of 300 ft. (Red or Blue)	P34300	\$189.99
	Pex Roll of 500 ft. (Red or Blue)	P34500	\$309.99
1/2"	Pex Roll of 100 ft. (Red or Blue)	P12100	\$44.99
	Pex Roll of 300 ft. (Red or Blue)	P12300	\$126.99
	Pex Roll of 500 ft. (Red or Blue)	P12500	\$189.99

Class A Chimneys & Accessories

**Oversized- additional shipping charges apply.*

Compatible with 



SKU	Chimney Extensions	Price
CX648cs	Chimney 6" x 48"	\$259.95
CX848cs	Chimney 8" x 48"	\$299.95
CX124cs	Chimney 10" x 24"	\$510.95
CX148cs	Chimney 10" x 48"	\$710.95
Chimney Caps		
CX601cs	Chimney 6" Deluxe Cap	\$149.95
CX801cs	Chimney 8" Deluxe Cap	\$159.95

SUPERPRO



SKU	SuperPro Chimney Extensions	Price
CXSP624	SuperPro Chimney 6" x 24"	\$179.95
CXSP648	SuperPro Chimney 6" x 48"	\$329.95
CXSP824	SuperPro Chimney 8" x 24"	\$210.99
CXSP848	SuperPro Chimney 8" x 48"	\$439.95
Chimney Caps		
CXSP602	SuperPro Chimney 6" Deluxe Cap	\$129.95
CXSP802	SuperPro Chimney 8" Deluxe Cap	\$149.95
Guy Wire Bands		
GW601	Guy Wire Band 6" (works with both chimneys)	\$34.95
GW801	Guy Wire Band 8" (works with both chimneys)	\$52.99



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