



US Trade Price Book - 2023

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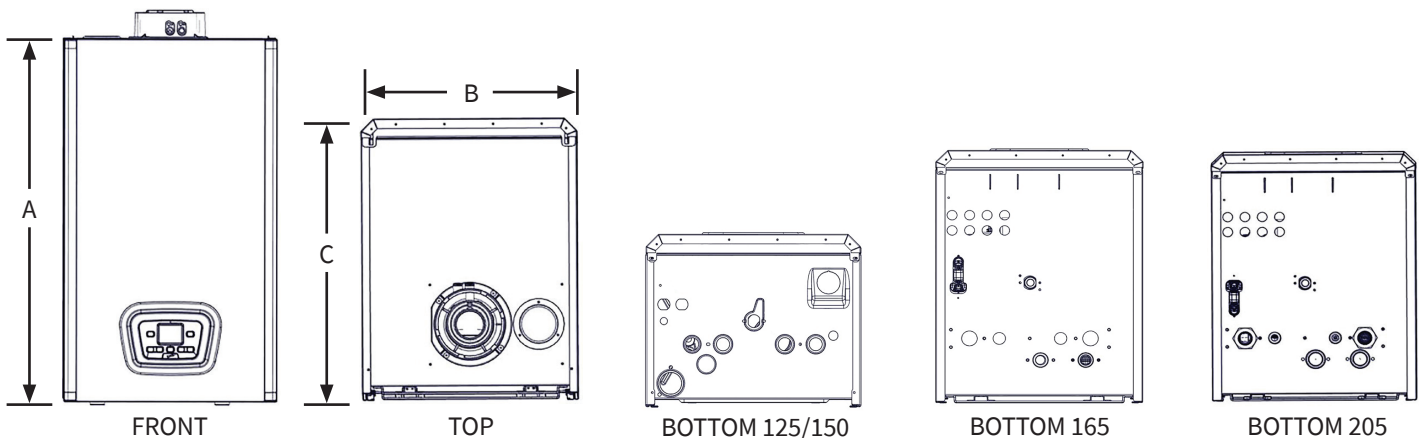
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DCC/DCB Stainless Steel Wall Hung Combi & Heating Boilers

- MBH Input 75 - 164 (CH) / 115.5 - 205 (DHW)
- Up to 95% AFUE
ENERGY STAR® Certified
- [AI] Control Technology Recognizes Natural or LP Gas
No field conversion kit required.
- 6.9:1 Turndown Modulation Ratio in DHW Mode (115)
7:1 Turndown Modulation Ratio in DHW Mode (150/205)
4.5:1 Turndown Modulation Ratio in CH Mode (75)
5.6:1 Turndown Modulation Ratio in CH Mode (100/115)
5.7:1 Turndown Modulation Ratio in CH Mode (125/150)
5.5:1 Turndown Modulation Ratio in CH Mode (165/205)
- 2.5 gpm DHW Flow Rate @ 70°F Rise (115)
3.5 gpm DHW Flow Rate @ 70°F Rise (150)
5 gpm DHW Flow Rate @ 70°F Rise (205)
- LABOR SAVER™ Primary/Secondary Manifold Included
- Low Water Pressure Switch
- Wall Hung or Floor Stand Kit Available



General Information (See IOM for Complete Instructions)								
Model	DCB-75	DCB-100	DCB-125	DCC-115	DCC-150	DCB-165	DCC-205	
System Supply/Return	G 3/4" Straight Thread					G 1" Straight Thread		
System Supply/Return with Provided Manifold	1 1/4" Copper Sweat					1 1/2" Copper Sweat	1 1/4" Copper Sweat	
Gas Inlet	3/4" NPT					3/4" NPT		
Condensate Drain	13/16" ID Hose					3/4" NPT		
DHW Outlet (125 Optional)	G 1/2" Straight Thread					G 3/4" Straight Thread		
DHW (Cold Water) Inlet	1/2"					3/4"		
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)							
Water Content (Gallons)	1					1 1/4		
Dimensions	A-Height	30"					30"	
	B-Width	17 3/4"					17 3/4"	
	C-Depth	13 9/16"					21 1/2"	



DCC/DCB - Stainless Steel Wall Hung Combi & Heating Boilers

Model	Item Number	Type	Input MBH CH	Input MBH DHW	AHRI Net MBH	AFUE	Fuel	Pump	Shp. Wgt. lbs	Trade Price
DCB75	DCB107503600103	HEATING	75	N/A	60	92.0%	NAT/LP	LESS	94	\$2,560
DCB100	DCB110003600103	HEATING	93.5	N/A	74	95.0%	NAT/LP	LESS	94	\$3,000
DCB125	DCB112503600103	HEATING	125	N/A	98	95.0%	NAT/LP	LESS	148	\$3,665
DCB165	DCB116503600103	HEATING	164	N/A	133	95.0%	NAT/LP	LESS	158	\$4,302
DCC115	DCC111503600103	COMBI	93.5	115.5	74	95.0%	NAT/LP	LESS	100	\$3,197
DCC150	DCC115003600103	COMBI	125	153	98	95.0%	NAT/LP	LESS	100	\$3,912
DCC205	DCC120503600103	COMBI	164	205	133	95.0%	NAT/LP	LESS	178	\$4,542
DCB75	DCB107503640103	HEATING	75	N/A	60	92.0%	NAT/LP	TACO ECM	103	\$2,739
DCB100	DCB110003640103	HEATING	93.5	N/A	74	95.0%	NAT/LP	TACO ECM	103	\$3,194
DCB125	DCB112503640103	HEATING	125	N/A	98	95.0%	NAT/LP	TACO ECM	148	\$3,849
DCB165	DCB116503640103	HEATING	164	N/A	133	95.0%	NAT/LP	TACO ECM	168	\$4,486
DCC115	DCC111503640103	COMBI	93.5	115.5	74	95.0%	NAT/LP	TACO ECM	100	\$3,387
DCC150	DCC115003640103	COMBI	125	153	98	95.0%	NAT/LP	TACO ECM	100	\$4,098
DCC205	DCC120503640103	COMBI	164	205	133	95.0%	NAT/LP	TACO ECM	178	\$4,725
DCB75	DCB107503620103	HEATING	75	N/A	60	92.0%	NAT/LP	GRUNDFOS	103	\$2,739
DCB100	DCB110003620103	HEATING	93.5	N/A	74	95.0%	NAT/LP	GRUNDFOS	103	\$3,194
DCB125	DCB112503620103	HEATING	125	N/A	98	95.0%	NAT/LP	GRUNDFOS	148	\$3,849
DCB165	DCB116503620103	HEATING	164	N/A	133	95.0%	NAT/LP	GRUNDFOS	168	\$4,486
DCC115	DCC111503620103	COMBI	93.5	115.5	74	95.0%	NAT/LP	GRUNDFOS	100	\$3,387
DCC150	DCC115003620103	COMBI	125	153	98	95.0%	NAT/LP	GRUNDFOS	100	\$4,098
DCC205	DCC120503620103	COMBI	164	205	133	95.0%	NAT/LP	GRUNDFOS	178	\$4,725

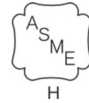
DCC/DCB (Use Parts Multiplier for All of the Following)

Model	Item Number	Description	Trade Price
DCC(B)	BD710487302V	OUTSIDE AIR SENSOR	\$47
DCC(B)	550003189	DHW SENSOR KIT	\$102
DCC(B)	240010266	FLOOR STAND KIT	\$852
DCC(B)	550003212	HEAT EXCHANGER CLEANING KIT	\$71

DCC/DCB Venting Adapters (Use Parts Multiplier for All of the Following)

DCC(B)	KHG714059113	TO CONVERT FROM CONCENTRIC TO 3" TWIN PIPE POLYPROPYLENE	\$22
DCC(B)	550003184	TWIN PIPE ADAPTER 60MM TO CPVC 3"	\$74
DCC(B)	KHG714089010	TO CONVERT FROM CONCENTRIC TO 3" TWIN PIPE POLYPROPYLENE	\$50
DCC(B)	550003403	TWIN PIPE ADAPTER 80MM TO CPVC 3"	\$138

NOTE: For 2" venting, a 3" x 2" reducer must be field supplied.

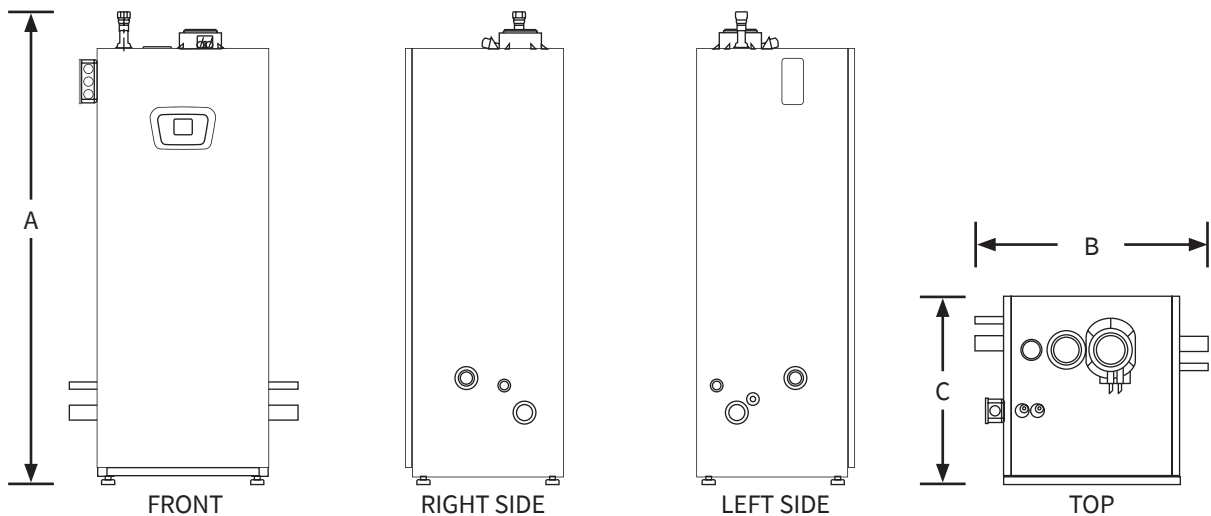


DCCF/DCBF Stainless Steel Floor Standing Combi & Heating Boilers

- MBH Input 75 - 164 (CH) / 115.5 - 205 (DHW)
- Up to 95% AFUE
ENERGY STAR® Certified
- [AI] Control Technology Recognizes Natural or LP Gas
No field conversion kit required.
- 6.9:1 Turndown Modulation Ratio in DHW Mode (115)
7:1 Turndown Modulation Ratio in DHW Mode (150/205)
4.5:1 Turndown Modulation Ratio in CH Mode (75)
5.6:1 Turndown Modulation Ratio in CH Mode (100/115)
5.7:1 Turndown Modulation Ratio in CH Mode (125/150)
5.5:1 Turndown Modulation Ratio in CH Mode (165/205)
- 2.5 gpm DHW @ 70°F Rise (115)
3.5 gpm DHW @ 70°F Rise (150)
5.0 gpm DHW @ 70°F Rise (205)
- LABOR SAVER™ Primary/Secondary Manifold Built-In
- Low Water Pressure Switch
- Compact, Floor Standing Design



General Information (See IOM for Complete Instructions)				
Model	DCBF-75/100/125	DCCF-115/150	DCBF-165	DCCF-205
Water Return/Supply	1 1/4" Copper	1 1/4" Copper	1 1/2" Copper	1 1/2" Copper
Gas	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT
Condensate Drain	3/4" NPT	3/4" NPT	3/4" NPT	3/4" NPT
DHW Outlet (125 Optional)	3/4" SWT	1/2" SWT	NA	3/4" SWT
DHW (Cold Water) Inlet	NA	1/2" SWT	NA	3/4" SWT
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)			
Water Content (Gallons)	1	1	1.25	1.25
Dimensions	A-Height	43.65"	43.65"	43.65"
	B-Width	24.7"	24.7"	24.7"
	C-Depth	17.46"	17.46"	23.55"



DCCF/DCBF - Stainless Steel Floor Standing Combi & Heating Boilers

Model	Item Number	Type	Input MBH CH	Input MBH DHW	AHRI Net MBH	AFUE	Fuel	Pump	Shp. Wgt. lbs	Trade Price
DCBF75	DCB107505600103	HEATING	75	N/A	60	92.0%	NAT/LP	LESS	117	\$2,890
DCBF100	DCB110005600103	HEATING	93.5	N/A	74	95.0%	NAT/LP	LESS	117	\$3,359
DCBF125	DCB112505600103	HEATING	125	N/A	98	95.0%	NAT/LP	LESS	148	\$4,087
DCBF165	DCB116505600103	HEATING	164	N/A	133	95.0%	NAT/LP	LESS	158	\$4,947
DCCF115	DCC111505600103	COMBI	93.5	115.5	74	95.0%	NAT/LP	LESS	148	\$3,633
DCCF150	DCC115005600103	COMBI	125	153	98	95.0%	NAT/LP	LESS	148	\$4,362
DCCF205	DCC120505600103	COMBI	164	205	133	95.0%	NAT/LP	LESS	168	\$5,225
DCBF75	DCB107505640103	HEATING	75	N/A	60	92.0%	NAT/LP	TACO ECM	126	\$3,069
DCBF100	DCB110005640103	HEATING	93.5	N/A	74	95.0%	NAT/LP	TACO ECM	126	\$3,546
DCBF125	DCB112505640103	HEATING	125	N/A	98	95.0%	NAT/LP	TACO ECM	148	\$4,276
DCBF165	DCB116505640103	HEATING	164	N/A	133	95.0%	NAT/LP	TACO ECM	158	\$5,159
DCCF115	DCC111505640103	COMBI	93.5	115.5	74	95.0%	NAT/LP	TACO ECM	148	\$3,819
DCCF150	DCC115005640103	COMBI	125	153	98	95.0%	NAT/LP	TACO ECM	148	\$4,552
DCCF205	DCC120505640103	COMBI	164	205	133	95.0%	NAT/LP	TACO ECM	168	\$5,436
DCBF75	DCB107505620103	HEATING	75	N/A	60	92.0%	NAT/LP	GRUNDFOS	126	\$3,069
DCBF100	DCB110005620103	HEATING	93.5	N/A	74	95.0%	NAT/LP	GRUNDFOS	126	\$3,546
DCBF125	DCB112505620103	HEATING	125	N/A	98	95.0%	NAT/LP	GRUNDFOS	148	\$4,276
DCBF165	DCB116505620103	HEATING	164	N/A	133	95.0%	NAT/LP	GRUNDFOS	158	\$5,159
DCCF115	DCC111505620103	COMBI	93.5	115.5	74	95.0%	NAT/LP	GRUNDFOS	148	\$3,819
DCCF150	DCC115005620103	COMBI	125	153	98	95.0%	NAT/LP	GRUNDFOS	148	\$4,552
DCCF205	DCC120505620103	COMBI	164	205	133	95.0%	NAT/LP	GRUNDFOS	168	\$5,436

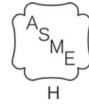
DCCF/DCBF (Use Parts Multiplier for All of the Following)

Model	Item Number	Description	Trade Price
DCC(B)F	BD710487302V	OUTSIDE AIR SENSOR	\$47
DCC(B)F	550003189	DHW SENSOR KIT	\$102
DCC(B)F	550003212	HEAT EXCHANGER CLEANING KIT	\$71

DCCF/DCBF Venting Adapters (Use Parts Multiplier for All of the Following)

DCC(B)F	KHG714059113	TO CONVERT FROM CONCENTRIC TO 3" TWIN PIPE POLYPROPYLENE	\$22
DCC(B)F	550003184	TWIN PIPE ADAPTER 60MM TO CPVC 3"	\$74
DCC(B)F	KHG714089010	TO CONVERT FROM CONCENTRIC TO 3" TWIN PIPE POLYPROPYLENE	\$50
DCC(B)F	550003403	TWIN PIPE ADAPTER 80MM TO CPVC 3"	\$138

NOTE: For 2" venting, a 3" x 2" reducer must be field supplied.

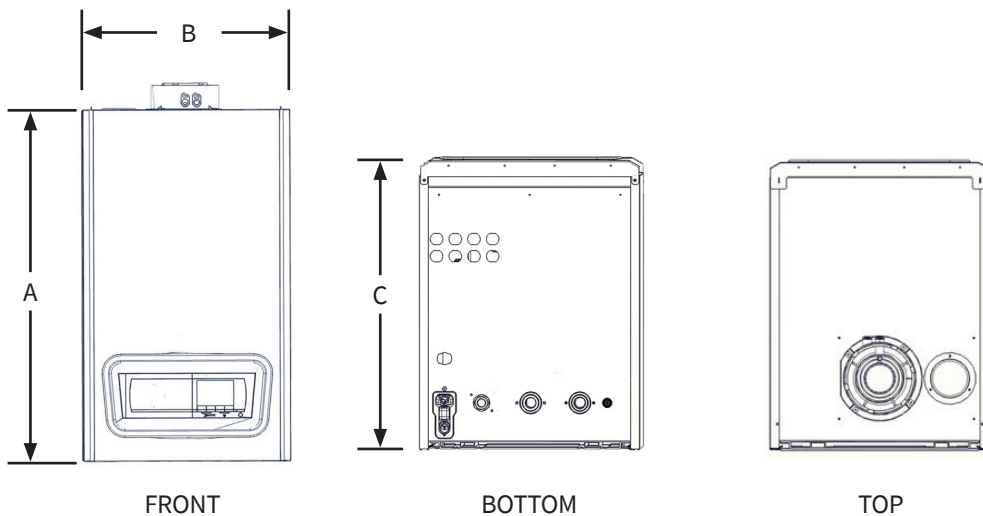


DMG 240 Stainless Steel Wall Hung Heating Boilers

- MBH Input 241 (CH)
- 95% AFUE
ENERGY STAR® Certified
- LABOR SAVER™ Manifold Included
- 6.7:1 Modulation Turndown Ratio
- Wall Hung or Floor Base Kit Available
- Anti-Wind Function: Control automatically adjusts the fan speed to prevent loss of flame and lockouts
- Flame Stabilization: Control allows the flame to stabilize before modulating, preventing flame drop outs and recycling
- Optional Plug-and-Play, CSD-1 Kit Available



General Information (See IOM for Complete Instructions)		
Model	DMG 240	
Water Return/Supply	1"	
Gas	3/4" NPT	
Condensate Drain	3/4" NPT	
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)	
Water Content (Gallons)	.8	
Dimensions	A-Height	31 1/16"
	B-Width	17 3/4"
	C-Depth	23"



DMG 240 - Stainless Steel Wall Hung Heating Boilers								
Model	Item Number	Input MBH	AHRI Net MBH	AFUE	Fuel	Pump	Shp. Wgt. lbs	Trade Price
DMG 240	DMG124000600103	241	216	95.0%	NAT	LESS	120	\$7,594

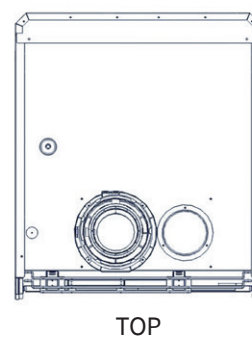
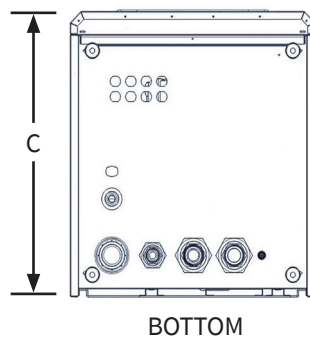
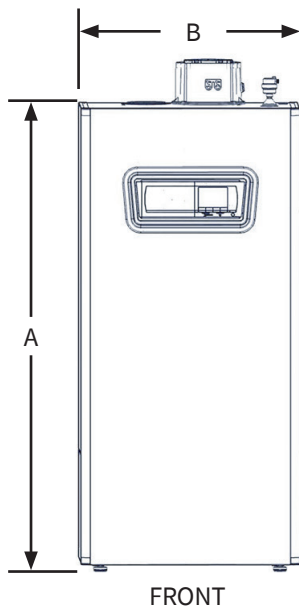
DMG 240 (Use Parts Multiplier for All of the Following)			
Model	Item Number	Description	Trade Price
DMG 240	550003322	MANUAL RESET HIGH LIMIT KIT L4006E1109	\$334
DMG 240	550003323	MANUAL RESET LWCO KIT	\$321
DMG 240	550003332	CSD-1 KIT (INCLUDES HIGH LIMIT AND MANUAL RESET LWCO)	\$655
DMG 240	550003354	COMMON VENTING CHECK VALVE KIT	\$468
DMG 240	550003316	LP CONVERSION KIT	\$214
DMG 240	BD710487302V	OUTDOOR AIR SENSOR	\$47
DMG 240	550003189	DHW SENSOR KIT	\$102
DMG 240	550003304	FLOOR BASE KIT	\$662
DMG 240 Venting Adapters (Use Parts Multiplier for All of the Following)			
DMG 240	KHG714089010	TO CONVERT FROM CONCENTRIC TO 3" TWIN PIPE POLYPROPYLENE	\$50

DMG 380 Stainless Steel Floor Standing Heating Boilers

- MBH Input 379
- 95% Thermal Efficiency
- LABOR SAVER™ Manifold Included
- 10.5:1 Modulation Turndown Ratio
- Compact, Floor Standing Design
- Anti-Wind Function: Control automatically adjusts the fan speed to prevent loss of flame and lockouts
- Flame Stabilization: Control allows the flame to stabilize before modulating, preventing flame drop outs and recycling
- Optional Plug-and-Play, CSD-1 Kit Available



General Information (See IOM for Complete Instructions)		
Model	DMG 380	
Water Return/Supply	1 1/2"	
Gas	1" NPT	
Condensate Drain	3/4" NPT	
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)	
Water Content (Gallons)	4.6	
Dimensions	A-Height	50"
	B-Width	23 5/8"
	C-Depth	25 1/2"



DMG 380 - Stainless Steel Floor Standing Heating Boilers

Model	Item Number	Input MBH	AHRI Net MBH	AFUE	Fuel	Pump	Shp. Wgt. lbs	Trade Price
DMG 380	DMG138000600103	379	303	95.0%	NAT	LESS	225	\$11,946

DMG 380 (Use Parts Multiplier for All of the Following)

Model	Item Number	Description	Trade Price
DMG 380	550003322	MANUAL RESET HIGH LIMIT KIT L4006E1109	\$334
DMG 380	550003323	MANUAL RESET LWCO KIT	\$321
DMG 380	550003332	CSD-1 KIT (INCLUDES HIGH LIMIT AND MANUAL RESET LWCO)	\$655
DMG 380	550003354	COMMON VENTING CHECK VALVE KIT	\$468
DMG 380	550003317	LP CONVERSION KIT	\$214
DMG 380	BD710487302V	OUTDOOR AIR SENSOR	\$47
DMG 380	550003189	DHW SENSOR KIT	\$102

DMG 380 Venting Adapters (Use Parts Multiplier for All of the Following)

DMG 380	BD7106314V	TO CONVERT FROM CONCENTRIC TO 4" TWIN PIPE POLYPROPYLENE	\$164
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NOTE: Twin pipe venting is polypropylene only. CPVC adapter not available.


















MBC Multiple Boiler Control

- Operation of up to Four Boilers
- LCD Display
- Push Buttons for Navigating Settings
- Warm Weather Shutdown (WWSD)
- Set Back Scheduling
- Boiler Stage Delay
- Boiler Rotation
- Combustion or Alarm Control Relay
- Flow or Combustion Air Proof Delay
- Energy Management System Compatible (0-10 or 2-10 Vdc)
- Sensors Included:
 - (1) Outdoor Sensor
 - (2) Water Temperature Sensors









MBC - Staging Control			
Model	Item Number	Description	Trade Price
AMB4B	AMB4BDK	MULTIPLE BOILER CONTROL (MBC) ON/OFF CONTROL	\$1,527
Additional Accessories			
AMB4B	240012663	WATER TEMPERATURE SENSOR	\$125
AMB4B	240012664	OUTDOOR SENSOR	\$125



VENTING

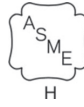
Coaxial Venting (Use Parts Multiplier for All of the Following)								
75/100/115	125/150	165/205	DMG 240	DMG 380	Image	Item Number	Description	Trade Price
X						KUG714059511	2"x4" (60/100mm)COAXIAL PIPE 3.28' (1m) L	\$50
X						KUG714059611	2"x4" (60/100mm)HORIZONTAL VENT TERM	\$63
X						KUG714059711	2"x4" (60/100mm)COAXIAL 90 ELBOWS	\$40
X						KUG714059811	2"x4" (60/100mm)COAXIAL 45 ELBOWS	\$40
X						KUG714135813	2"x4" (60/100mm)VERTICAL VENT TERM	\$149
	X	X				KHG714088512	3"x5" (80/125mm)COAXIAL PIPE 3.28' (1m) L	\$74
	X	X				KHG714088713	3"x5" (80/125mm)COAXIAL 90 ELBOWS	\$41
	X	X				KHG714088812	3"x5" (80/125mm)COAXIAL 45 ELBOWS	\$41
	X	X				KHG714088911	3"x5" (80/125mm)HORIZONTAL VENT TERM	\$84
	X	X				KHG714093512	3"x5" (80/125mm)VERTICAL VENT TERM	\$117
				X		KUG714133311	4"x6" (110/160mm)HORIZONTAL VENT TERM	\$309
				X		KUG714133411	4"x6" (110/160mm)VERTICAL VENT TERM	\$392
				X		KUG714133511	4"x6" (110/160mm)COAXIAL 45 ELBOWS	\$110
				X		KUG714133611	4"x6" (110/160mm)COAXIAL 90 ELBOWS	\$110
				X		KUG714133811	4"x6" (110/160mm)COAXIAL PIPE 3.28' (1m) L	\$151

VENTING

Twin Pipe Polypropylene Venting (Use Parts Multiplier for All of the Following)						
75/100/115 125/150 165/205	DMG 240	DMG 380	Image	Item Number	Description	Trade Price
X				KHG714059113	TO CONVERT FROM CONCENTRIC TO 3" TWIN PIPE POLYPROPYLENE	\$22
X	X	X		550003416	3" (80mm)VENTING CLAMP SINGLE WALL	\$47
X	X	X		550003452	3" (80mm)CLAMSHELL CLAMP (5PK)	\$46
X	X	X		KUG714132010	3" (80mm)HORIZONTAL VENT TERM	\$25
X	X	X		KUG714132110	3" (80mm)VERTICAL VENT TERM	\$62
X	X	X		550003734	3" (80mm)POLYPROPYLENE 45 ELBOWS W/ CLAMP	\$19
X	X	X		550003735	3" (80mm)POLYPROPYLENE 90 ELBOWS W/ CLAMP	\$19
X	X	X		550003767	3" (80mm)POLYPROPYLENE PIPE 3.28' (1m) L W/ CLAMP	\$27
	X	X		KHG714089010	TO CONVERT FROM CONCENTRIC TO 3" TWIN PIPE POLYPROPYLENE	\$50
		X		550003453	4" (110mm)CLAMSHELL CLAMP (5PK)	\$62
		X		BD7106314V	TO CONVERT FROM CONCENTRIC TO 4" TWIN PIPE POLYPROPYLENE	\$164
		X		KUG714132710	4" (110mm)HORIZONTAL VENT TERM	\$159
		X		KUG714132810	4" (110mm)VERTICAL VENT TERM	\$142
		X		550003731	4" (110mm)POLYPROPYLENE 45 ELBOWS W/ CLAMP	\$42
		X		550003732	4" (110mm)POLYPROPYLENE 90 ELBOWS W/ CLAMP	\$42
		X		550003733	4" (110mm)POLYPROPYLENE PIPE 3.28' (1m) L W/ CLAMP	\$57

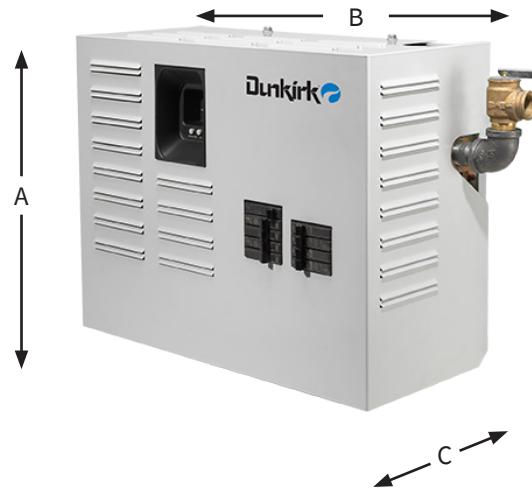
VENTING

Twin Pipe CPVC Venting (Use Parts Multiplier for All of the Following)						
75/100/115 125/150 165/205	DMG 240	DMG 380	Image	Item Number	Description	Trade Price
X				550003184	TWIN PIPE ADAPTER 60MM TO CPVC 3"	\$74
	X	X		550003403	TWIN PIPE ADAPTER 80MM TO CPVC 3"	\$138



AT SERIES Electric Wall Hung Boilers

- 100% Efficient
- Compact Light Weight Wall Hung Design (70 lbs)
- Zero Emissions, Green Alternative (No Fossil Fuel, No Chimney, No Carbon Monoxide)
- Proven one piece cast iron heat exchanger
- Available in 2 or 4 element and modular boiler configurations:
 - 2 Element (4 capacities from 6 kW to 12 kW)
 - 4 Element (4 capacities from 12 kW to 24 kW)
 - Modular Boiler Configurations (40 kW+ for light commercial applications utilizing multiple boilers)
- 20 Year Limited Warranty (Residential)



General Information (See IOM for Complete Instructions)		
Model		AT Series
Water Return/Supply		1 1/4" NPT
Dimensions	A-Height	16 15/32"
	B-Width	18 5/8"
	C-Depth	9 1/32"

AT Series Electric Boilers with Breakers							
Model	Item Number	Type	Size KW	Elem. No. & Size	bth/hr	Weight (lbs)	Trade Price
AT0623	AT062310C03	2-ELEMENT	6	2-3KW	20500	62	\$2,054
AT0824	AT082410C03	2-ELEMENT	8	2-4KW	27300	62	\$2,207
AT1025	AT102510C03	2-ELEMENT	10	2-5KW	34100	62	\$2,375
AT1226	AT122610C03	2-ELEMENT	12	2-6KW	41000	62	\$2,447
AT1243	AT124310C03	4-ELEMENT	12	4-3KW	41000	70	\$2,780
AT1644	AT164410C03	4-ELEMENT	16	4-4KW	54600	70	\$2,858
AT2045	AT204510C03	4-ELEMENT	20	4-5KW	68200	70	\$2,928
AT2446	AT244610C03	4-ELEMENT	24	4-6KW	82000	70	\$3,283
AT2800^	AT124310C03	MODULAR	28	4-3KW	95600	140	\$2,780
	AT164410C03			4-4KW			\$2,858
AT3200^	AT164410C03	MODULAR	32	4-4KW	109200	140	\$2,858
	AT164410C03			4-4KW			\$2,858
AT4000^	AT204510C03	MODULAR	40	4-5KW	136400	140	\$2,928
	AT204510C03			4-5KW			\$2,928

^When ordering modular boilers, order both part numbers listed. You will receive 2 boilers allowing for serial number tracking. Ratings are based on 240 operating voltage. Refer to IOM for reduced ratings based on 208 operating voltage.

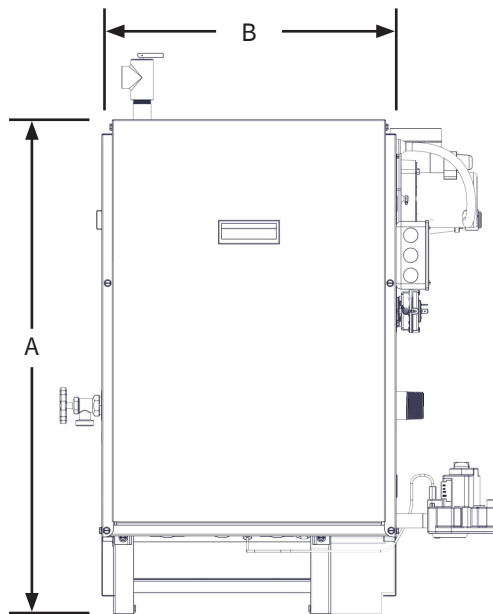
AT Series Electric Boiler Service Parts (Use Parts Multiplier for the Following)			
Model	Item Number	Description	Trade Price
AT	1260006	Temperature/Pressure Gauge	\$34
AT	B27	Circuit Breaker 40 A - 2 Pole - G.E. THQP 240	\$82
AT	B28	Circuit Breaker 15 A - 1 Pole - G.E. THQP 115	\$54
AT	550003228	Pressure Vessel - Cast Iron, 4 Element	\$541
AT	550003227	Pressure Vessel - Cast Iron, 2 Element	\$375
AT	E13	Heating Element - 3KW/240 Volt	\$90
AT	E14	Heating Element - 4KW/240 Volt	\$112
AT	E15	Heating Element - 5KW/240 Volt	\$117
AT	E16	Heating Element - 6KW/240 Volt	\$123
AT	G12	Gasket - Heating Element	\$7
AT	VR-001.01	Relief Valve - 30 PSI	\$34
AT	B194	Neutral Terminal Block	\$106
AT	I25	Load Center Assembly - G.E. TLM812U2	\$177
AT	L9	Ground Connection Lug	\$17
AT	S47	Safety Limit Control (High Limit - Fixed Temp)	\$32
AT	240004756	Brass Well	\$32
AT	E1	Elbow 3/4" x 90°	\$4
	119000002	Transformer 115/24V, 40 VA	\$46
AT	240010289	Water Temperature Sensor Kit	\$79
AT	240010295	Control Board - 2 Element, kit, includes wires	\$711
AT	240010296	Control Board - 4 Element, kit, includes wires	\$769
AT	109010455	Cabinet	\$159

XEB Cast Iron Induced Draft Chimney/Side Wall Vented Boilers

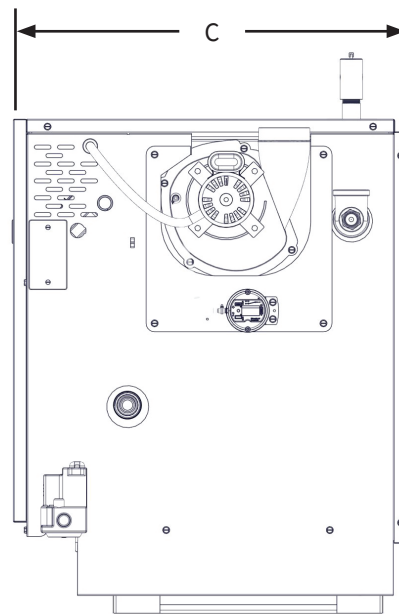
- MBH Input 42.5 - 187.5 (CH)
- Up to 84.4% AFUE
- Dependable Cast Iron Heat Exchanger with Cast Iron Push Nipples
- Honeywell High Limit/Electronic Ignition Control
 - Recessed under the boiler's protective jacket
 - Digital Temperature display and diagnostics
 - Plug in connection for the inducer fan
 - Plug in connection for the system pump
- Induced Draft Fan



General Information (See IOM for Complete Instructions)						
Model	XEB-2	XEB-3	XEB-4	XEB-5	XEB-6	
Water Return/Supply	1 1/4" NPT					
Gas	1/2" NPT					
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)					
Water Content (Gallons)	1.75	3.00	4.25	5.50	6.75	
Dimensions	A-Height	29"	29"	29"	29"	
	B-Width	11"	14 1/4"	17 1/2"	20 3/4"	24"
	C-Depth	23 1/4"	23 1/4"	23 1/4"	23 1/4"	23 1/4"



FRONT



RIGHT SIDE

XEB - Cast Iron Induced Draft Chimney/Side Wall Vented Boilers

Model	Item Number	Input MBH	Htg. Cap. MBH	AHRI Net MBH	AFUE	Fuel	Pump	Shp. Wgt. Lbs	Trade Price
XEB-2	XEB204203100303	42.5	36	31	84.4%	NAT	LESS	225	\$3,011
XEB-3	XEB307503100303	75	63	55	84.0%	NAT	LESS	265	\$3,409
XEB-4	XEB411203100303	112.5	95	82	84.0%	NAT	LESS	322	\$3,767
XEB-5	XEB515003100303	150	127	109	84.0%	NAT	LESS	370	\$4,234
XEB-6	XEB618703100303	187.5	158	135	84.0%	NAT	LESS	431	\$4,971
XEB-2	XEB204203140303	42.5	36	31	84.4%	NAT	TACO ECM	225	\$3,119
XEB-3	XEB307503140303	75	63	55	84.0%	NAT	TACO ECM	265	\$3,512
XEB-4	XEB411203140303	112.5	95	82	84.0%	NAT	TACO ECM	322	\$3,873
XEB-5	XEB515003140303	150	127	109	84.0%	NAT	TACO ECM	370	\$4,338
XEB-6	XEB618703140303	187.5	158	135	84.0%	NAT	TACO ECM	431	\$5,081
XEB-2	XEB204203120303	42.5	36	31	84.4%	NAT	GRUNDFOS	225	\$3,119
XEB-3	XEB307503120303	75	63	55	84.0%	NAT	GRUNDFOS	265	\$3,512
XEB-4	XEB411203120303	112.5	95	82	84.0%	NAT	GRUNDFOS	322	\$3,873
XEB-5	XEB515003120303	150	127	109	84.0%	NAT	GRUNDFOS	370	\$4,338
XEB-6	XEB618703120303	187.5	158	135	84.0%	NAT	GRUNDFOS	431	\$5,081
XEB-2	XEB204203130303	42.5	36	31	84.4%	NAT	B&G	225	\$3,119
XEB-3	XEB307503130303	75	63	55	84.0%	NAT	B&G	265	\$3,512
XEB-4	XEB411203130303	112.5	95	82	84.0%	NAT	B&G	322	\$3,873
XEB-5	XEB515003130303	150	127	109	84.0%	NAT	B&G	370	\$4,338
XEB-6	XEB618703130303	187.5	158	135	84.0%	NAT	B&G	431	\$5,081

XEB - LP

Note: Boilers require a natural gas to LP conversion kit (field installed). Sold Separately. See below.

XEB - High Altitude

***Note: Boilers require a High Altitude conversion kit (field installed). Sold Separately. See Below. Item # is for 5000', consult factory for other elevations up to 10,000'.**

High Altitude - Capacity Reduces with Elevation. Refer to IOM for Actual Capacity Ratings.

XEB (Use Parts Multiplier for All of the Following)

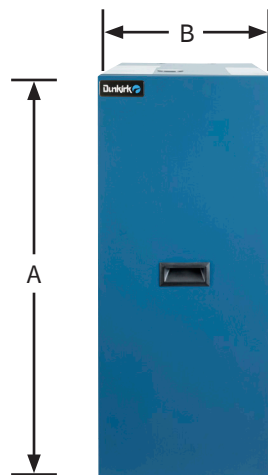
Model	Item Number	Description	Trade Price
XEB	550002722	NATURAL GAS TO LP CONVERSION KIT (ALL SIZES)	\$120
XEB	43300660	LP TO NATURAL GAS CONVERSION KIT (ALL SIZES)	\$131
XEB-2	550004122	*NATURAL GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$120
XEB (3-5)	550004129	*NATURAL GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$120
XEB-6	550004136	*NATURAL GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$120
XEB-2	550004142	*LP GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$120
XEB (3-5)	550004145	*LP GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$120
XEB-6	550004149	*LP GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$120
XEB	14629014	4" THIMBLE (SIMPSON #915295)	\$57
XEB (2-5)	14629010	TJERNLUND VH-1-3" SIDE WALL VENT HOOD (XEB-2 TO XEB-5)	\$333
XEB (6)	14629011	TJERNLUND VH-1-4" SIDE WALL VENT HOOD (XEB-6)	\$395
XEB (2-5)	14624002	FILL-TROL #110 FOR WATER BOILERS 150 MBH OR LESS	\$421
XEB (6)	14624003	FILL-TROL #111 FOR WATER BOILERS OVER 150 MBH	\$585

DXL-K Cast Iron Chimney Vented Boilers

- MBH Input 59 - 235 (CH)
- 84% AFUE
- Dependable Cast Iron Heat Exchanger
- Hydrostat Fuel Smart Control
- Digital temperature display and diagnostics
- Plug in connection for the vent damper
- Plug in connection for the system pump
- Control monitors water temperature and delays burner start until residual heat has been transferred to the system for maximum efficiency.



General Information (See IOM for Complete Instructions)							
Model	DXL-060K	DXL-095K	DXL-120K	DXL-150K	DXL-175K	DXL-205K	DXL-235K
Water Return/Supply	1 1/4" NPT						
Gas	1/2" NPT				3/4" NPT		
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)						
Water Content (Gallons)	1.9	2.3	2.8	3.2	3.7	4.1	4.6
A-Height	32 1/8"	32 1/8"	32 1/8"	32 1/8"	32 1/8"	32 1/8"	32 1/8"
B-Width	13 3/8"	13 1/2"	16 1/4"	19"	21 7/8"	27 1/2"	27 1/2"
C-Depth	26"	26"	26"	26"	26"	26"	26"



FRONT



LEFT SIDE

DXL-K - Cast Iron Chimney Vented Boilers

Model	Item Number	Input MBH	Htg. Cap. MBH	AHRI Net MBH	AFUE	Fuel	Pump	Shp. Wgt. lbs	Trade Price
DXL-060K	DXL306003200403	59	50	43	84.0%	NAT	LESS	215	\$3,090
DXL-095K	DXL409503200403	92.5	78	68	84.0%	NAT	LESS	250	\$3,318
DXL-120K	DXL512003200403	120	101	88	84.0%	NAT	LESS	295	\$3,544
DXL-150K	DXL615003200403	149	125	109	84.0%	NAT	LESS	335	\$3,854
DXL-175K	DXL717503200403	175	147	128	84.0%	NAT	LESS	385	\$4,468
DXL-205K	DXL820503200403	205	172	150	84.0%	NAT	LESS	420	\$4,787
DXL-235K	DXL923503200403	235	197	171	84.0%	NAT	LESS	465	\$5,401
DXL-060K	DXL306003240403	59	50	43	84.0%	NAT	TACO ECM	215	\$3,201
DXL-095K	DXL409503240403	92.5	78	68	84.0%	NAT	TACO ECM	250	\$3,431
DXL-120K	DXL512003240403	120	101	88	84.0%	NAT	TACO ECM	295	\$3,658
DXL-150K	DXL615003240403	149	125	109	84.0%	NAT	TACO ECM	335	\$3,966
DXL-175K	DXL717503240403	175	147	128	84.0%	NAT	TACO ECM	385	\$4,581
DXL-205K	DXL820503240403	205	172	150	84.0%	NAT	TACO ECM	420	\$4,900
DXL-235K	DXL923503240403	235	197	171	84.0%	NAT	TACO ECM	465	\$5,516
DXL-060K	DXL306003220403	59	50	43	84.0%	NAT	GRUNDFOS	215	\$3,201
DXL-095K	DXL409503220403	92.5	78	68	84.0%	NAT	GRUNDFOS	250	\$3,431
DXL-120K	DXL512003220403	120	101	88	84.0%	NAT	GRUNDFOS	295	\$3,658
DXL-150K	DXL615003220403	149	125	109	84.0%	NAT	GRUNDFOS	335	\$3,966
DXL-175K	DXL717503220403	175	147	128	84.0%	NAT	GRUNDFOS	385	\$4,581
DXL-205K	DXL820503220403	205	172	150	84.0%	NAT	GRUNDFOS	420	\$4,900
DXL-235K	DXL923503220403	235	197	171	84.0%	NAT	GRUNDFOS	465	\$5,516
DXL-060K	DXL306003230403	59	50	43	84.0%	NAT	B&G	215	\$3,201
DXL-095K	DXL409503230403	92.5	78	68	84.0%	NAT	B&G	250	\$3,431
DXL-120K	DXL512003230403	120	101	88	84.0%	NAT	B&G	295	\$3,658
DXL-150K	DXL615003230403	149	125	109	84.0%	NAT	B&G	335	\$3,966
DXL-175K	DXL717503230403	175	147	128	84.0%	NAT	B&G	385	\$4,581
DXL-205K	DXL820503230403	205	172	150	84.0%	NAT	B&G	420	\$4,900
DXL-235K	DXL923503230403	235	197	171	84.0%	NAT	B&G	465	\$5,516

DXL-K - LP

Note: Boilers require a natural gas to LP conversion kit (field installed). Sold Separately. See below.

DXL-K - High Altitude

***Note: Boilers require a High Altitude conversion kit (field installed). Sold Separately. See Below. Item # is for 5000', consult factory for other elevations up to 10,000'.**

High Altitude - Capacity Reduces with Elevation. Refer to IOM for Actual Capacity Ratings.

DXL-K (Use Parts Multiplier for All of the Following)

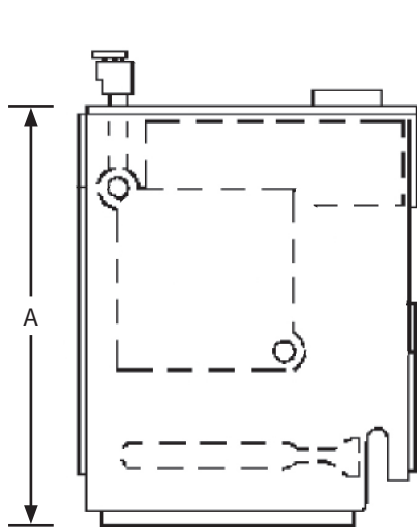
Model	Item Number	Description	Trade Price
DXL-K	550003778	CONVERSION KIT NAT. TO LP	\$97
DXL-K	550003884	CONVERSION KIT LP TO NAT.	\$107
DXL-K (3 Sec)	550003786	*NATURAL GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$67
DXL-K (4 Sec)	550003880	*NATURAL GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$67
DXL-K (5-9 Sec)	550003781	*NATURAL GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$84
DXL-K (3 Sec)	550003774	*LP GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$76
DXL-K (4 Sec)	550003776	*LP GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$67
DXL-K (5-9 Sec)	550003774	*LP GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$76
DXL-K	14624002	FILL-TROL #110 FOR WATER BOILERS 150 MBH OR LESS	\$421
DXL-K	14624003	FILL-TROL #111 FOR WATER BOILERS OVER 150 MBH	\$585

WPSB Cast Iron Integral Draft Diverter Boilers

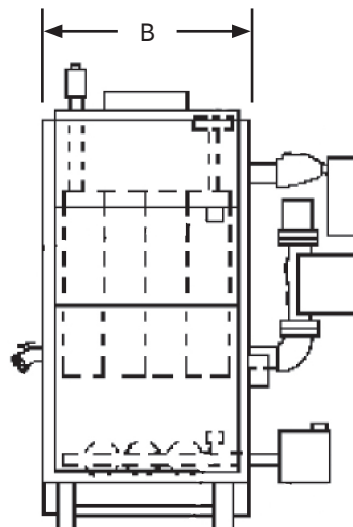
- MBH Input 75 - 299 (CH)
- Up to 84.1% AFUE
- Dependable Cast Iron Heat Exchanger with Cast Iron Push Nipples
- Hydrolevel FuelSmart Control
- Digital temperature display and diagnostics
- Plug in connection for the vent damper
- Plug in connection for the system pump
- Low Water Cut Off (LWCO)
- Control monitors water temperature and delays burner start until residual heat has been transferred to the system for maximum efficiency



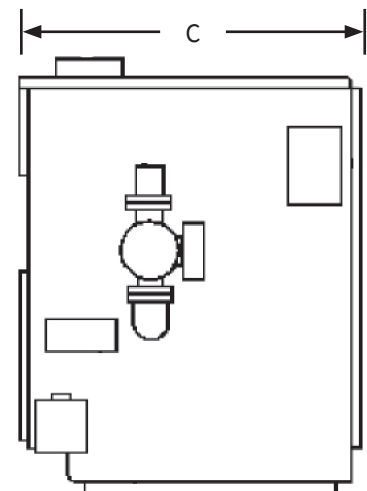
General Information (See IOM for Complete Instructions)							
Model	WPSB-3	WPSB-4	WPSB-5	WPSB-6	WPSB-7	WPSB-8	WPSB-9
Water Return/Supply	1 1/4" NPT						
Gas	1/2" NPT						
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)						
Water Content (Gallons)	6.3	8.1	9.9	11.7	13.5	15.3	17.2
Dimensions	A-Height	36 3/8"	36 3/8"	36 3/8"	36 3/8"	36 3/8"	36 3/8"
	B-Width	11 1/4"	14 1/2"	17 3/4"	21"	24 1/4"	30 3/4"
	C-Depth	26 1/2"	26 1/2"	26 1/2"	26 1/2"	26 1/2"	26 1/2"



LEFT SIDE



FRONT



RIGHT SIDE

WPSB - Cast Iron Integral Draft Diverter Boilers

Model	Item Number	Input MBH	Htg. Cap. MBH	AHRI Net MBH	AFUE	Fuel	Pump	Shp. Wgt. lbs	Trade Price
WPSB-3D	WPS307503200303	75	63	55	84.0%	NAT	LESS	315	\$3,419
WPSB-4D	WPS411203200303	112.5	94	82	84.0%	NAT	LESS	377	\$3,793
WPSB-5D	WPS515003200303	150	126	110	84.1%	NAT	LESS	453	#N/A
WPSB-6D	WPS618703200303	187.5	157	137	84.1%	NAT	LESS	534	\$4,697
WPSB-7D	WPS722503200303	225	188	163	84.0%	NAT	LESS	601	\$5,140
WPSB-8D	WPS826203200303	262	221	191	84.0%	NAT	LESS	665	\$5,542
WPSB-9D	WPS929903200303	299	252	218	84.0%	NAT	LESS	750	\$6,403
WPSB-3D	WPS307503240303	75	63	55	84.0%	NAT	TACO ECM	315	\$3,524
WPSB-4D	WPS411203240303	112.5	94	82	84.0%	NAT	TACO ECM	377	\$3,898
WPSB-5D	WPS515003240303	150	126	110	84.1%	NAT	TACO ECM	453	\$4,289
WPSB-6D	WPS618703240303	187.5	157	137	84.1%	NAT	TACO ECM	534	\$4,804
WPSB-7D	WPS722503240303	225	188	163	84.0%	NAT	TACO ECM	601	\$5,245
WPSB-8D	WPS826203240303	262	221	191	84.0%	NAT	TACO ECM	665	\$5,646
WPSB-9D	WPS929903240303	299	252	218	84.0%	NAT	TACO ECM	750	\$6,508
WPSB-3D	WPS307503220303	75	63	55	84.0%	NAT	GRUNDFOS	315	\$3,524
WPSB-4D	WPS411203220303	112.5	94	82	84.0%	NAT	GRUNDFOS	377	\$3,898
WPSB-5D	WPS515003220303	150	126	110	84.1%	NAT	GRUNDFOS	453	\$4,289
WPSB-6D	WPS618703220303	187.5	157	137	84.1%	NAT	GRUNDFOS	534	\$4,804
WPSB-7D	WPS722503220303	225	188	163	84.0%	NAT	GRUNDFOS	601	\$5,245
WPSB-8D	WPS826203220303	262	221	191	84.0%	NAT	GRUNDFOS	665	\$5,646
WPSB-9D	WPS929903220303	299	252	218	84.0%	NAT	GRUNDFOS	750	\$6,508
WPSB-3D	WPS307503230303	75	63	55	84.0%	NAT	B&G	315	\$3,524
WPSB-4D	WPS411203230303	112.5	94	82	84.0%	NAT	B&G	377	\$3,898
WPSB-5D	WPS515003230303	150	126	110	84.1%	NAT	B&G	453	\$4,289
WPSB-6D	WPS618703230303	187.5	157	137	84.1%	NAT	B&G	534	\$4,804
WPSB-7D	WPS722503230303	225	188	163	84.0%	NAT	B&G	601	\$5,245
WPSB-8D	WPS826203230303	262	221	191	84.0%	NAT	B&G	665	\$5,646
WPSB-9D	WPS929903230303	299	252	218	84.0%	NAT	B&G	750	\$6,508

WPSB - LP

Note: Boilers require a natural gas to LP conversion kit (field installed). Sold Separately. See below.

WPSB - High Altitude

***Note: Boilers require a High Altitude conversion kit (field installed). Sold Separately. See Below. Item # is for 5000', consult factory for other elevations up to 10,000'.**

High Altitude - Capacity Reduces with Elevation. Refer to IOM for Actual Capacity Ratings.

WPSB (Use Parts Multiplier for All of the Following) Cont.

Model	Item Number	Description	Trade Price
WPSB	550004168	3 -9 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$131
WPSB-4D	43300632	4 SECTION LP GAS TO NATURAL GAS CONVERSION KIT	\$265
WPSB-5D	43300633	5 SECTION LP GAS TO NATURAL GAS CONVERSION KIT	\$269
WPSB-6D	43300634	6 SECTION LP GAS TO NATURAL GAS CONVERSION KIT	\$263
WPSB-7D	43300635	7 SECTION LP GAS TO NATURAL GAS CONVERSION KIT	\$265
WPSB-8D	43300636	8 SECTION LP GAS TO NATURAL GAS CONVERSION KIT	\$267
WPSB-9D	43300637	9 SECTION LP GAS TO NATURAL GAS CONVERSION KIT	\$267
WPSB	550004368	*NATURAL GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$80
WPSB	550004373	*LP GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$80
WPSB	14624002	FILL-TROL FOR WATER BOILERS 150 MBH OR LESS	\$421
WPSB	14624003	FILL-TROL FOR WATER BOILERS OVER 150 MBH	\$585

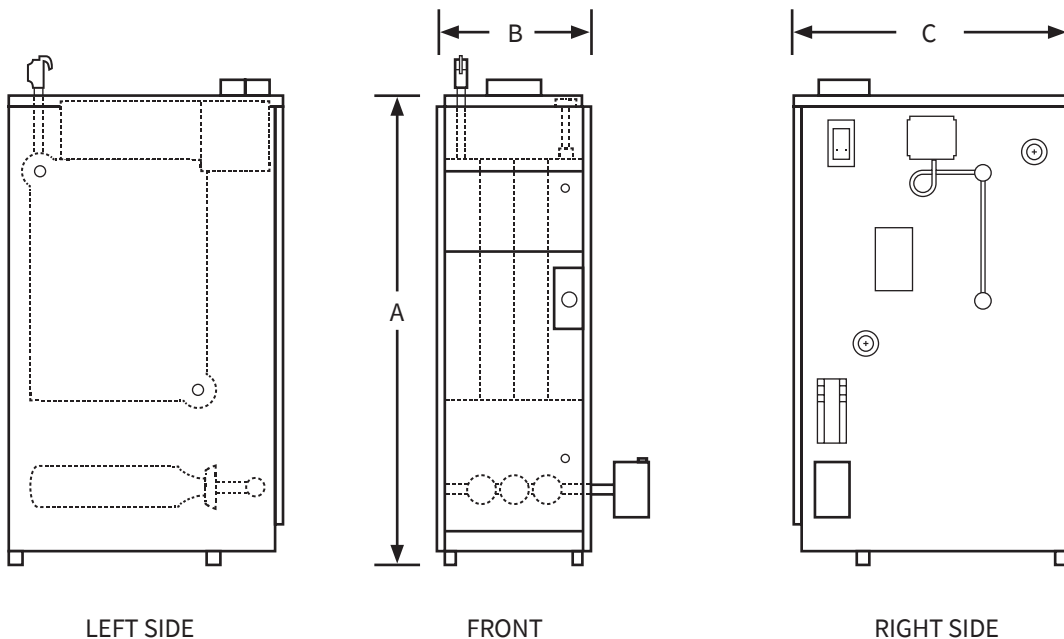
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PSB Cast Iron Steam Boilers

- MBH Input 75 - 299 (CH)
- Up to 82.7% AFUE
- Dependable Cast Iron Heat Exchanger with Cast Iron Push Nipples
- LWCO (Probe Type) Includes Pressure High Limit Control, Pressure Gauge, Gauge Glass
- Low profile compact design makes it ideal for low clearance installations
- Easy piping features with 2" single and dual piping riser options (depending on boiler size), simplifying replacement piping
- Atmospheric Chimney Vent Boiler with Integral Draft Hood and Vent Damper
- Stainless Steel burner



General Information (See IOM for Complete Instructions)							
Model	PSB-3D	PSB-4D	PSB-5D	PSB-6D	PSB-7D	PSB-8D	PSB-9D
Return/Supply Tappings	2 1/2" NPT						
Gas	1/2" NPT			3/4" NPT			
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)						
Water Content (Gallons)	2.6	3.8	5	6.2	7.4	8.6	9.5
Dimensions	A-Height	36 3/8"	36 3/8"	36 3/8"	36 3/8"	36 3/8"	36 3/8"
	B-Width	11 1/4"	14 1/2"	17 3/4"	21"	24 1/4"	30 3/4"
	C-Depth	26 1/2"	26 1/2"	26 1/2"	26 1/2"	26 1/2"	26 1/2"



PSB - Cast Iron Steam Boilers

Model	Item Number	Input MBH	Htg. Cap. MBH	AHRI Net MBH	AHRI Net SQ. FT. Steam	AFUE	Fuel	Shp. Wgt. lbs	Trade Price
PSB-3D	PSB307503700203	75	62	47	195	82.7%	NAT	297	\$3,989
PSB-4D	PSB411203700203	112	91	68	283	82.0%	NAT	368	\$4,356
PSB-5D	PSB515003700203	150	122	92	383	82.0%	NAT	440	\$4,910
PSB-6D	PSB618703700203	187	153	115	479	82.0%	NAT	512	\$5,591
PSB-7D	PSB722503700203	225	183	137	570	82.0%	NAT	584	\$6,165
PSB-8D	PSB826203700203	262	214	161	670	82.0%	NAT	659	\$6,819
PSB-9D	PSB929903700203	299	245	184	766	82.0%	NAT	736	\$7,181

PSB - LP

Note: Boilers require a natural gas to LP conversion kit (field installed). Sold Separately. See below.

PSB - High Altitude

***Note: Boilers require a High Altitude conversion kit (field installed). Sold Separately. See Below. Item # is for 5000', consult factory for other elevations up to 10,000'.**

High Altitude - Capacity Reduces with Elevation. Refer to IOM for Actual Capacity Ratings.

PSB (Use Parts Multiplier for All of the Following)

Model	Item Number	Description	Trade Price
PSB-3D	43300723	3 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$71
PSB-4D	43300724	4 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$71
PSB-5D	43300725	5 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$71
PSB-6D	43300726	6 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$84
PSB-7D	43300727	7 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$84
PSB-8D	43300728	8 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$84
PSB-9D	43300729	9 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$84
PSB-4D	43300632	4 SECTION LP TO NATURAL GAS CONVERSION KIT	\$265
PSB-5D	43300633	5 SECTION LP TO NATURAL GAS CONVERSION KIT	\$269
PSB-6D	43300634	6 SECTION LP TO NATURAL GAS CONVERSION KIT	\$263
PSB-7D	43300635	7 SECTION LP TO NATURAL GAS CONVERSION KIT	\$265
PSB-8D	43300636	8 SECTION LP TO NATURAL GAS CONVERSION KIT	\$267
PSB-9D	43300637	9 SECTION LP TO NATURAL GAS CONVERSION KIT	\$267
PSB	550004368	*NATURAL GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$80
PSB	550004373	*LP GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION	\$80
PSB	1630001	MCDONNELL & MILLER WF-2U-24 ELECTRONIC WATER FEEDER	\$674

D249 Cast Iron Commercial Steam Boilers

D249 Boiler Bases are pre-assembled at the factory with burner manifold, burner orifices, gas valves and electronic ignition installed; ready for field installation of the pre-tested sections and appropriate packages.

Electronic Ignition Base Standard Equipment:

- Base
- Fire Door
- Burner Orifice
- Manifold
- Main and Pilot Burner
- Electronic Pilot Gas Valve
- Intermittent Pilot Module
- Complete Jacket Assembly

Steam Trim Package:

- Low Water Cut-Off
- Glass Gauge Set
- Safety Valve
- Steam Gauge
- Pressure Limit
- Drain Valve



Plug 'N Play Harness and Junction Box

Individual base and junction box controls are designed for easy installation. The entire boiler links together in a snap with a color-coded factory supplied wiring harness

CSD-1 Options

Available with a CSD-1 option to comply with CSD-1 standards where required by building code. The CSD-1 option provides the increased number of controls and safety devices required to meet CSD-1 standards.

General Information (See IOM for Complete Instructions)			
	Right & Left End Tappings	Opening	Size
	Return/Supply	A	4"
	Primary LWCO & Guage Glass Set	B	1/2"
	Drain, Left End	C	3/4"
	Drain, Right End	C	3/4"
	Plugged	D	1/2"
	Accessories	E	1"
	Safety Valve	F*	1"
	Plugged or Electronic (Probe Type) LWCO	G	3/4"
	*If using opening F for other than Safety Valve or Safety Relief Valve, or Safety/Relief valve is larger than 1", Install Safety/Relief Valve in Header Piping as near boiler as possible.		

D249 - Cast Iron Commercial Steam Boiler

Model	Item Number	Type*	Input MBH	Output MBH	Net AHRI Steam PPF	Net AHRI Steam SQ. FT.	Net AHRI Steam MBH	Therm. Eff.	Shp. Wgt. Lbs.	Trade Price
D249-300	CBA030003101103	STD.	300	233	1.33	729	175	77.0%	1000	\$12,430
D249-400	CBA040003101103	STD.	400	310	1.33	971	233	77.0%	1200	\$13,989
D249-500	CBA050003101103	STD.	500	388	1.33	1213	291	77.0%	1400	\$15,548
D249-600	CBA060003101103	STD.	600	465	1.33	1454	349	77.0%	1600	\$20,217
D249-700	CBA070003101103	STD.	700	543	1.33	1696	407	77.0%	1800	\$21,779
D249-800	CBA080003101103	STD.	800	620	1.33	1938	465	77.0%	2000	\$23,400
D249-900	CBA090003101103	STD.	900	698	1.33	2183	524	77.0%	2200	\$25,116
D249-1000	CBA100003101103	STD.	1000	775	1.33	2421	581	77.0%	2400	\$26,661
D249-1100	CBA110003101103	STD.	1100	853	1.33	2667	640	77.0%	2600	\$31,407
D249-1200	CBA120003101103	STD.	1200	930	1.33	2908	698	77.0%	2900	\$33,017
D249-1300	CBA130003101103	STD.	1300	1008	1.33	3150	756	77.0%	3100	\$35,483
D249-1400	CBA140003101103	STD.	1400	1085	1.33	3392	814	77.0%	3300	\$37,044
D249-1500	CBA150003101103	STD.	1500	1163	1.33	3633	872	77.0%	3500	\$38,640
D249-300	CBA030003103103	G.R.S.	300	233	1.33	729	175	77.0%	1000	\$13,879
D249-400	CBA040003103103	G.R.S.	400	310	1.33	971	233	77.0%	1200	\$15,434
D249-500	CBA050003103103	G.R.S.	500	388	1.33	1213	291	77.0%	1400	\$16,995
D249-600	CBA060003103103	G.R.S.	600	465	1.33	1454	349	77.0%	1600	\$23,305
D249-700	CBA070003103103	G.R.S.	700	543	1.33	1696	407	77.0%	1800	\$24,894
D249-800	CBA080003103103	G.R.S.	800	620	1.33	1938	465	77.0%	2000	\$26,455
D249-900	CBA090003103103	G.R.S.	900	698	1.33	2183	524	77.0%	2200	\$28,224
D249-1000	CBA100003103103	G.R.S.	1000	775	1.33	2421	581	77.0%	2400	\$29,777
D249-1100	CBA110003103103	G.R.S.	1100	853	1.33	2667	640	77.0%	2600	\$35,192
D249-1200	CBA120003103103	G.R.S.	1200	930	1.33	2908	698	77.0%	2900	\$36,773
D249-1300	CBA130003103103	G.R.S.	1300	1008	1.33	3150	756	77.0%	3100	\$39,233
D249-1400	CBA140003103103	G.R.S.	1400	1085	1.33	3392	814	77.0%	3300	\$40,801
D249-1500	CBA150003103103	G.R.S.	1500	1163	1.33	3633	872	77.0%	3500	\$42,343
D249-300	CBA030003104103	F.P.R.	300	233	1.33	729	175	77.0%	1000	\$15,366
D249-400	CBA040003104103	F.P.R.	400	310	1.33	971	233	77.0%	1200	\$16,922
D249-500	CBA050003104103	F.P.R.	500	388	1.33	1213	291	77.0%	1400	\$18,480
D249-600	CBA060003104103	F.P.R.	600	465	1.33	1454	349	77.0%	1600	\$24,788
D249-700	CBA070003104103	F.P.R.	700	543	1.33	1696	407	77.0%	1800	\$26,378
D249-800	CBA080003104103	F.P.R.	800	620	1.33	1938	465	77.0%	2000	\$27,951
D249-900	CBA090003104103	F.P.R.	900	698	1.33	2183	524	77.0%	2200	\$29,711
D249-1000	CBA100003104103	F.P.R.	1000	775	1.33	2421	581	77.0%	2400	\$31,264
D249-1100	CBA110003104103	F.P.R.	1100	853	1.33	2667	640	77.0%	2600	\$36,677
D249-1200	CBA120003104103	F.P.R.	1200	930	1.33	2908	698	77.0%	2900	\$38,259
D249-1300	CBA130003104103	F.P.R.	1300	1008	1.33	3150	756	77.0%	3100	\$40,722
D249-1400	CBA140003104103	F.P.R.	1400	1085	1.33	3392	814	77.0%	3300	\$42,286
D249-1500	CBA150003104103	F.P.R.	1500	1163	1.33	3633	872	77.0%	3500	\$43,828

***(STD. - Standard) (G.R.S. - CSD-1 Gravity Return System) (F.P.R. - CSD-1 Boiler Feed Pump Return Control)**

D249 - Knock Down Components & Optional Equipment

Model	Item Number	Description	Trade Price
D249	41154050D	CAST IRON SECTIONS - RIGHT END (179 LBS.)	\$1,398
D249	41154051D	CAST IRON SECTIONS - LEFT END (182 LBS.)	\$1,398
D249	41154052D	CAST IRON SECTIONS - INTERMEDIATE (165 LBS.)	\$1,219
D249-300	550002861D	COMPONENT CARTON - 300	\$3,717
D249-400	550002862D	COMPONENT CARTON - 400	\$3,939
D249-500	550002863D	COMPONENT CARTON - 500	\$4,131
D249-300	550002890D	COMPONENT CARTON - 300 CSD-1	\$4,341
D249-400	550002891D	COMPONENT CARTON - 400 CSD-1	\$4,562
D249-500	550002892D	COMPONENT CARTON - 500 CSD-1	\$4,755
D249	550002871D	END PANEL CARTON - JACKET	\$541
D249	550002860D	END PANEL CARTON - BASE	\$489
D249	41200061D	STEAM TRIM - SA 1 (SIZES/MODELS: 300 - 500)	\$1,817
D249	41200062D	STEAM TRIM - SA 2 (SIZES/MODELS: 600 - 700)	\$1,843
D249	41200063D	STEAM TRIM - SA 3 (SIZES/MODELS: 800 - 1400)	\$1,890
D249	41200064D	STEAM TRIM - SA 4 (SIZES/MODELS: 1500)	\$1,909
D249-300	550002877DS	ACCESSORY CARTON - 300	\$635
D249-400	550002878DS	ACCESSORY CARTON - 400	\$751
D249-500	550002867DS	ACCESSORY CARTON - 500	\$901
D249-600	550002879DS	ACCESSORY CARTON - 600	\$1,019
D249-700	550002880DS	ACCESSORY CARTON - 700	\$1,142
D249-800	550002881DS	ACCESSORY CARTON - 800	\$1,325
D249-900	550002882DS	ACCESSORY CARTON - 900	\$1,576
D249-1000	550002868DS	ACCESSORY CARTON - 1000	\$1,715
D249-1100	550002883DS	ACCESSORY CARTON - 1100	\$1,960
D249-1200	550002884DS	ACCESSORY CARTON - 1200	\$2,061
D249-1300	550002885DS	ACCESSORY CARTON - 1300	\$3,139
D249-1400	550002886DS	ACCESSORY CARTON - 1400	\$3,265
D249-1500	550002869DS	ACCESSORY CARTON - 1500	\$3,446
D249	41257103D	CSD-1 STEAM TRIM - GRAVITY/CONDENSATE (ALL SIZES)	\$823
D249	41257104D	CSD-1 STEAM TRIM - FEED PUMP (ALL SIZES)	\$2,313
D249-300	550002893DS	CSD-1 ACCESSORY CARTON - 300	\$635
D249-400	550002894DS	CSD-1 ACCESSORY CARTON - 400	\$751
D249-500	550002895DS	CSD-1 ACCESSORY CARTON - 500	\$901
D249-600	550002896DS	CSD-1 ACCESSORY CARTON - 600	\$2,035
D249-700	550002897DS	CSD-1 ACCESSORY CARTON - 700	\$2,188
D249-800	550002898DS	CSD-1 ACCESSORY CARTON - 800	\$2,320
D249-900	550002899DS	CSD-1 ACCESSORY CARTON - 900	\$2,620
D249-1000	550002900DS	CSD-1 ACCESSORY CARTON - 1000	\$2,761
D249-1100	550002901DS	CSD-1 ACCESSORY CARTON - 1100	\$3,006
D249-1200	550002902DS	CSD-1 ACCESSORY CARTON - 1200	\$3,125
D249-1300	550002903DS	CSD-1 ACCESSORY CARTON - 1300	\$4,203
D249-1400	550002904DS	CSD-1 ACCESSORY CARTON - 1400	\$4,328
D249-1500	550002905DS	CSD-1 ACCESSORY CARTON - 1500	\$4,457

D249 (Use Parts Multiplier for All of the Following)

Model	Item Number	Description	Trade Price
D249	14662311	STEAM MANUAL RESET PRESSURE CONTROL (L4079B1033)	\$386
D249	1280001	M-M 47-2 LWCO & FEEDER (MODELS 300-1500)	\$1,734
D249	14662313	STRAP ON OPERATING CONTROL (L6006C-1034)	\$233
D249	240007388	LWCO, MAN RESET, CSD-1 APPROVED, SHT PROBE	\$307

D249 - Standard Equipment

Standard Equipment:

(67 Low Water Cut-Off, PA404A Pressuretrol and Syphon Loop, Water Gauge Glass Set with Glass and Rods, Steam Gauge, Pop Safety Valve).

CSD-1 Control Requirements

The optional CSD-1 controls modify the standard D249 boiler on both the fuel train and the steam trim as follows:

Steam Boiler with Boiler Feed Pump Return System

- Add SF-500 Hydrolevel Safeguard Manual Reset L.W.C.O.
- Add 150S-B-MD L.W.C.O. and Pump Control
- Delete 67D-1 L.W.C.O.
- Add L404L Manual Reset Pressure Control

Steam Boiler with Gravity or Condensate Pump Return

- Add SF-500 Hydrolevel Safeguard Manual Reset L.W.C.O.
- Add L404C Manual Reset Pressure Control

The SF-500 L.W.C.O. is the secondary L.W.C.O. to the 67D-1 L.W.C.O. furnished standard with the boiler.

Fuel Train

Substitute CSD-1 fuel train(s) for standard which includes (per base): Intermittent Pilot Module (PT#1140007) control Stop w/alarm 1003-612A & (PT#1140008) Control CSD1 Lockout Board BD 1145-2 with manual reset; Independent Pilot Gas Line (Manual shut-off valve, Pressure regulator, Safety shut-off valve); Main Gas Line (Gas Valve, Two leak test cocks, Manual shut-off downstream of the main gas valve).

Notes:

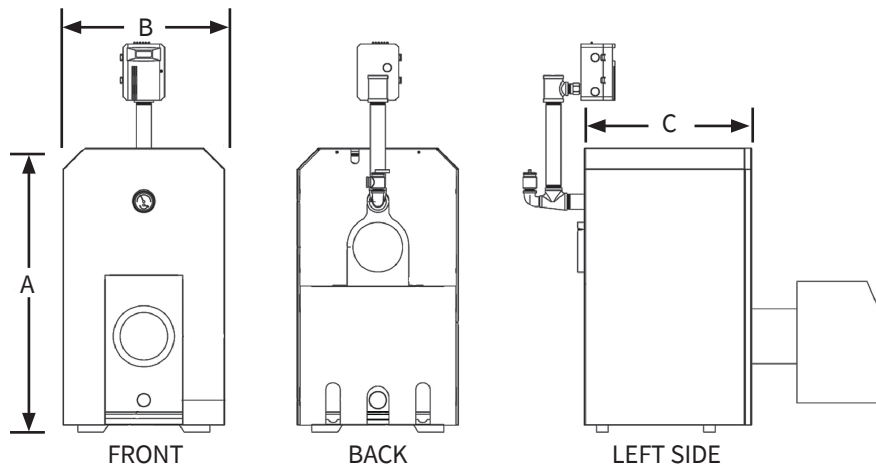
1. The D249-300 and D249-400 do not require fuel train modifications for CSD-1. The standard fuel train is furnished.
2. Control equipment is included to meet Dunkirk's interpretation of CSD-1. Consult local authorities before the installation of the boiler. Additional controls, if required can be provided at an additional price.

EXCELSIOR EXB Cast Iron 3-Pass Oil Boilers

- MBH Input 105 - 252
- Up to 87% AFUE, ENERGY STAR® Certified Models
- Advanced High Efficiency 3-Pass Heat Exchanger Design
- High Limit Control with:
 - LED display
 - Easy to program dial settings
 - Boiler Water Temperature Reset
 - Low Water Cut Off (LWCO)
- Compact Footprint
- Burners and Venting Options (Burner cover standard)
- Easy Serviceability



General Information (See IOM for Complete Instructions)				
Model	EXB4	EXB5	EXB6	EXB7
Water Return/Supply	1 1/4" NPT			
Drain Valve	3/4" NPT			
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)			
Water Content (Gallons)	3.6	4.3	5.1	5.9
Dimensions	A-Height	31"	31"	31"
	B-Width	17 3/4"	17 3/4"	17 3/4"
	C-Depth	18 3/8"	21 5/8"	24 7/8"



DHW MODULE Domestic Hot Water Module (Sold Separately)

- The Domestic Hot Water (DHW) Module is a great way to make domestic hot water using an existing boiler
- Digital control has the ability to set a consistent DHW temperature from 108°F - 140°F
- Brazed plate stainless steel heat exchanger offers lower pressure drop than tankless water coils with nearly 100% heat transfer efficiency
- Simple and flexible installation - mounts on a wall near the boiler as an additional heating zone
- Compact design with insulated cover and a standard 120 volt power cord
- Easy to service and clean



EXCELSIOR EXB - Cast Iron 3-Pass Oil Boiler

Model	Item Number	Input MBH	Htg. Cap. MBH	AHRI Net MBH	AFUE	Fuel	Burner	Pump	Shp. Wgt. lbs	Trade Price
EXB4075	EXB407530200303	105	92	80	87.0%	OIL	BECKETT	LESS	436	\$3,699
EXB4090	EXB409030200303	126	110	96	86.0%	OIL	BECKETT	LESS	436	\$3,699
EXB5100	EXB510030200303	140	123	107	87.0%	OIL	BECKETT	LESS	496	\$4,214
EXB5120	EXB512030200303	168	148	129	86.0%	OIL	BECKETT	LESS	496	\$4,214
EXB6130	EXB613030200303	182	160	139	87.0%	OIL	BECKETT	LESS	560	\$4,446
EXB6145	EXB614530200303	203	178	155	86.0%	OIL	BECKETT	LESS	560	\$4,446
EXB7165	EXB716530200303	231	202	176	87.0%	OIL	BECKETT	LESS	620	\$5,072
EXB7180	EXB718030200303	252	220	191	86.0%	OIL	BECKETT	LESS	620	\$5,072
EXB4075	EXB407530240303	105	92	80	87.0%	OIL	BECKETT	TACO ECM	436	\$3,809
EXB4090	EXB409030240303	126	110	96	86.0%	OIL	BECKETT	TACO ECM	436	\$3,809
EXB5100	EXB510030240303	140	123	107	87.0%	OIL	BECKETT	TACO ECM	496	\$4,328
EXB5120	EXB512030240303	168	148	129	86.0%	OIL	BECKETT	TACO ECM	496	\$4,328
EXB6130	EXB613030240303	182	160	139	87.0%	OIL	BECKETT	TACO ECM	560	\$4,559
EXB6145	EXB614530240303	203	178	155	86.0%	OIL	BECKETT	TACO ECM	560	\$4,559
EXB7165	EXB716530240303	231	202	176	87.0%	OIL	BECKETT	TACO ECM	620	\$5,187
EXB7180	EXB718030240303	252	220	191	86.0%	OIL	BECKETT	TACO ECM	620	\$5,187
EXB4075	EXB407530220303	105	92	80	87.0%	OIL	BECKETT	GRUNDFOS	436	\$3,809
EXB4090	EXB409030220303	126	110	96	86.0%	OIL	BECKETT	GRUNDFOS	436	\$3,809
EXB5100	EXB510030220303	140	123	107	87.0%	OIL	BECKETT	GRUNDFOS	496	\$4,328
EXB5120	EXB512030220303	168	148	129	86.0%	OIL	BECKETT	GRUNDFOS	496	\$4,328
EXB6130	EXB613030220303	182	160	139	87.0%	OIL	BECKETT	GRUNDFOS	560	\$4,559
EXB6145	EXB614530220303	203	178	155	86.0%	OIL	BECKETT	GRUNDFOS	560	\$4,559
EXB7165	EXB716530220303	231	202	176	87.0%	OIL	BECKETT	GRUNDFOS	620	\$5,187
EXB7180	EXB718030220303	252	220	191	86.0%	OIL	BECKETT	GRUNDFOS	620	\$5,187
EXB4075	EXB407550200303	105	92	80	87.0%	OIL	RIELLO	LESS	436	\$3,798
EXB4090	EXB409050200303	126	110	96	86.0%	OIL	RIELLO	LESS	436	\$3,798
EXB5100	EXB510050200303	140	123	107	87.0%	OIL	RIELLO	LESS	496	\$4,380
EXB5120	EXB512050200303	168	148	129	86.0%	OIL	RIELLO	LESS	496	\$4,380
EXB6130	EXB613050200303	182	160	139	87.0%	OIL	RIELLO	LESS	560	\$4,610
EXB6145	EXB614550200303	203	178	155	86.0%	OIL	RIELLO	LESS	560	\$4,610
EXB7165	EXB716550200303	231	202	176	87.0%	OIL	RIELLO	LESS	620	\$5,156
EXB7180	EXB718050200303	252	220	191	86.0%	OIL	RIELLO	LESS	620	\$5,156
EXB4075	EXB407550240303	105	92	80	87.0%	OIL	RIELLO	TACO ECM	436	\$3,912
EXB4090	EXB409050240303	126	110	96	86.0%	OIL	RIELLO	TACO ECM	436	\$3,912
EXB5100	EXB510050240303	140	123	107	87.0%	OIL	RIELLO	TACO ECM	496	\$4,496
EXB5120	EXB512050240303	168	148	129	86.0%	OIL	RIELLO	TACO ECM	496	\$4,496
EXB6130	EXB613050240303	182	160	139	87.0%	OIL	RIELLO	TACO ECM	560	\$4,726
EXB6145	EXB614550240303	203	178	155	86.0%	OIL	RIELLO	TACO ECM	560	\$4,726
EXB7165	EXB716550240303	231	198	172	87.0%	OIL	RIELLO	TACO ECM	560	\$5,271
EXB7180	EXB718050240303	252	220	191	86.0%	OIL	RIELLO	TACO ECM	620	\$5,271

DHW Module

Model	Item Number	Description	Trade Price
550003792	550003792D	DOMESTIC HOT WATER MODULE	\$1,183

EXCELSIOR EXB - Cast Iron 3-Pass Oil Boiler - Continued

Model	Item Number	Input MBH	Htg. Cap. MBH	AHRI Net MBH	AFUE	Fuel	Burner	Pump	Shp. Wgt. lbs	Trade Price
EXB4075	EXB407550220303	105	92	80	87.0%	OIL	RIELLO	GRUNDFOS	436	\$3,912
EXB4090	EXB409050220303	126	110	96	86.0%	OIL	RIELLO	GRUNDFOS	436	\$3,912
EXB5100	EXB510050220303	140	123	107	87.0%	OIL	RIELLO	GRUNDFOS	496	\$4,496
EXB5120	EXB512050220303	168	148	129	86.0%	OIL	RIELLO	GRUNDFOS	496	\$4,496
EXB6130	EXB613050220303	182	160	139	87.0%	OIL	RIELLO	GRUNDFOS	560	\$4,726
EXB6145	EXB614550220303	203	178	155	86.0%	OIL	RIELLO	GRUNDFOS	560	\$4,726
EXB7165	EXB716550220303	231	202	176	87.0%	OIL	RIELLO	GRUNDFOS	620	\$5,271
EXB7180	EXB718050220303	252	220	191	86.0%	OIL	RIELLO	GRUNDFOS	620	\$5,271
EXB4090	EXB409020240303	126	110	96	86.0%	OIL	LESS	TACO ECM	436	\$2,820
EXB5120	EXB512020240303	168	148	129	86.0%	OIL	LESS	TACO ECM	496	\$3,288
EXB6145	EXB614520240303	203	178	155	86.0%	OIL	LESS	TACO ECM	560	\$3,611
EXB7180	EXB718020240303	252	220	191	86.0%	OIL	LESS	TACO ECM	620	\$4,159
EXB4090	EXB409020220303	126	110	96	86.0%	OIL	LESS	GRUNDFOS	436	\$2,820
EXB5120	EXB512020220303	168	148	129	86.0%	OIL	LESS	GRUNDFOS	496	\$3,288
EXB6145	EXB614520220303	203	178	155	86.0%	OIL	LESS	GRUNDFOS	560	\$3,611
EXB7180	EXB718020220303	252	220	191	86.0%	OIL	LESS	GRUNDFOS	620	\$4,159
EXB4090	EXB409020200303	126	110	96	86.0%	OIL	LESS	LESS	436	\$2,708
EXB5120	EXB512020200303	168	148	129	86.0%	OIL	LESS	LESS	496	\$3,171
EXB6145	EXB614520200303	203	178	155	86.0%	OIL	LESS	LESS	560	\$3,497
EXB7180	EXB718020200303	252	220	191	86.0%	OIL	LESS	LESS	620	\$4,043

EXCELSIOR EXB - Venting Options & Additional Equipment

Model	Item Number	Description	Trade Price
EXB	29231D	36" RISER TERMINATION	\$1,603
EXB	28972D	STANDARD TERMINATION	\$684
EXB	550004240U	4" ID X 10 FT DIRECT VENT PIPE KIT (SELECT TERMINATION)	\$894
EXB	550004241U	4" ID X 15 FT DIRECT VENT PIPE KIT (SELECT TERMINATION)	\$1,071
EXB	550004242U	4" ID X 20 FT DIRECT VENT PIPE KIT (SELECT TERMINATION)	\$1,262

EXCELSIOR EXB - Replacement Oil Burners

EXB4075	240007232D	BECKETT CHIMNEY VENT W/O COVER MODEL AFG	\$888
EXB4090	240013303D	BECKETT CHIMNEY VENT W/O COVER MODEL AFG	\$888
EXB5100	240013393D	BECKETT CHIMNEY VENT W/O COVER MODEL AFG	\$996
EXB5120	240013395D	BECKETT CHIIMNEY VENT W/O COVER MODEL AFG	\$996
EXB6130	240013397D	BECKETT CHIMNEY VENT W/O COVER MODEL AFG	\$996
EXB6145	240013399D	BECKETT CHIMNEY VENT W/O COVER MDEL AFG	\$996
EXB7165	240013401D	BECKETT CHIMNEY VENT W/O COVER MODEL AFG	\$996
EXB7180	240013403D	BECKETT CHIMNEY VENT W/O COVER MODEL AFG	\$1,119
EXB4075	240007144D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$951
EXB4090	240013302D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$951
EXB5100	240013394D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$1,061
EXB5120	240013396D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$1,061
EXB6130	240013398D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$1,061
EXB6145	240013400D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$1,061
EXB7165	240013402D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$1,061
EXB7180	240013404D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$1,061

EXCELSIOR EXB - Replacement Oil Burners - Continued

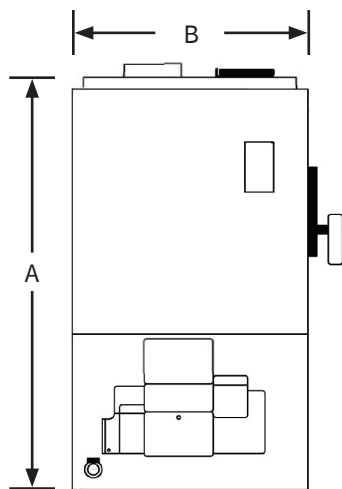
Model	Item Number	Description	Trade Price
EXB4075	550004238D	BECKETT DIRECT VENT MODEL NX	\$1,135
EXB5100	240007532D	BECKETT DIRECT VENT MODEL NX	\$1,182
EXB6130	240007533D	BECKETT DIRECT VENT MODEL NX	\$1,095
EXB4075	550003548D	RIELLO CHIMNEY VENT MODEL 40F3	\$1,050
EXB4090	550004237D	RIELLO CHIMNEY VENT MODEL 40F3	\$1,050
EXB5100	550004287D	RIELLO CHIMNEY VENT MODEL 40F5	\$1,050
EXB5120	550004290D	RIELLO CHIMNEY VENT MODEL 40F5	\$1,050
EXB6130	550004288D	RIELLO CHIMNEY VENT MODEL 40F5	\$1,050
EXB6145	550004291D	RIELLO CHIMNEY VENT MODEL 40F5	\$1,050
EXB7165	550004289D	RIELLO CHIMNEY VENT MODEL 40F10	\$1,330
EXB7180	550004292D	RIELLO CHIMNEY VENT MODEL 40F10	\$1,330
EXB4075	550004239D	RIELLO DIRECT VENT MODEL 40BF	\$1,531
EXB5100	550003563D	RIELLO DIRECT VENT MODEL 40BF	\$1,644
EXB6130	550003566D	RIELLO DIRECT VENT MODEL 40BF	\$1,553
EXB4	240013299D	CARLIN CHIMNEY VENT MODEL EZ-LF (4075 & 4090)	\$960
EXB5	240013406D	CARLIN CHIMNEY VENT MODEL EZ-LF (5100 & 5120)	\$1,065
EXB6	240013408D	CARLIN CHIMNEY VENT MODEL EZ-LF (6130 & 6145)	\$1,065
EXCELSIOR EXB (Use Parts Multiplier for All of the Following)			
EXB	550001929	KIT, HIGH LIMIT MANUAL RESET L4006E1109 WITH PLUG IN HARNESS	\$321
EXB	14624002	FILL-TROL FOR WATER BOILERS 150 MBH OR LESS	\$421
EXB	14624003	FILL-TROL FOR WATER BOILERS OVER 150 MBH	\$585

EMPIRE EWC Cast Iron Chimney Vented Oil Boilers

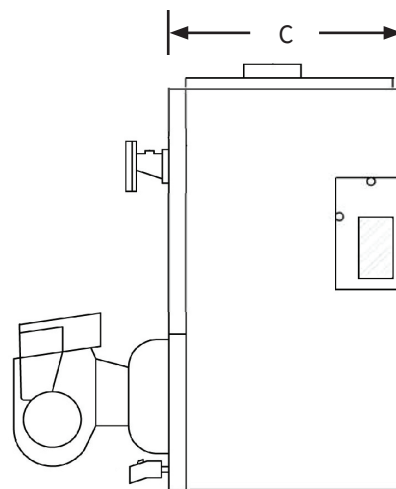
- MBH Input 112 - 217 (CH)
- Up to 86.2% AFUE
- Cast Iron Heat Exchanger with Cast Iron Push Nipples
- Swing out Burner Door
- Hydrolevel Operating Control
 - Digital display and diagnostics
 - Adjusts water temperature based on your heating system demand
 - Built-in Low Water Cut Off (LWCO)
- Optional Tankless Domestic Water Heater Coil



General Information (See IOM for Complete Instructions)				
Model	3EWC	4EWC	5EWC	
Water Return/Supply	1 1/4" NPT			
Optional Tankless Coil	1/2" NPT			
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)			
Water Content (Gallons)	9.6	11.6	13.7	
Dimensions	A-Height	36"	36"	36"
	B-Width	20 1/2"	20 1/2"	20 1/2"
	C-Depth	14 1/2"	17 3/4"	21"



FRONT



RIGHT SIDE

EMPIRE EWC - Cast Iron Chimney Vent Oil Boiler

Model	Item Number	Type	Input MBH	Htg. Cap. MBH	AHRI Net MBH	AFUE	Burner	Pump	Fire Rate GPH	Coil GPM	Shp. Wgt. lbs	Trade Price
3EWC0.80	EWC308031200103	LESS	112	98	85	86.0%	BECKETT	LESS	0.80	N/A	470	\$4,089
4EWC1.00	EWC410031200103	LESS	140	122	106	86.2%	BECKETT	LESS	1.00	N/A	545	\$4,321
4EWC1.25	EWC412531200103	LESS	175	152	132	86.0%	BECKETT	LESS	1.25	N/A	545	\$4,321
5EWC1.35	EWC513531200103	LESS	189	167	145	86.0%	BECKETT	LESS	1.35	N/A	630	\$5,716
5EWC1.55	EWC515531200103	LESS	217	189	164	86.0%	BECKETT	LESS	1.55	N/A	630	\$5,716
3EWC0.80T	EWC308032200103	COIL	112	98	85	86.0%	BECKETT	LESS	0.80	3.05	470	\$4,813
4EWC1.00T	EWC410032200103	COIL	140	122	106	86.2%	BECKETT	LESS	1.00	3.25	545	\$5,043
4EWC1.25T	EWC412532200103	COIL	175	152	132	86.0%	BECKETT	LESS	1.25	3.50	545	\$5,043
5EWC1.35T	EWC513532200103	COIL	189	167	145	86.0%	BECKETT	LESS	1.35	3.60	630	\$6,398
5EWC1.55T	EWC515532200103	COIL	217	189	164	86.0%	BECKETT	LESS	1.55	3.80	630	\$6,398
3EWC0.80	EWC308031240103	LESS	112	98	85	86.0%	BECKETT	TACO ECM	0.80	N/A	470	\$4,149
4EWC1.00	EWC410031240103	LESS	140	122	106	86.2%	BECKETT	TACO ECM	1.00	N/A	545	\$4,380
4EWC1.25	EWC412531240103	LESS	175	152	132	86.0%	BECKETT	TACO ECM	1.25	N/A	545	\$4,380
5EWC1.35	EWC513531240103	LESS	189	167	145	86.0%	BECKETT	TACO ECM	1.35	N/A	630	\$5,773
5EWC1.55	EWC515531240103	LESS	217	189	164	86.0%	BECKETT	TACO ECM	1.55	N/A	630	\$5,773
3EWC0.80T	EWC308032240103	COIL	112	98	85	86.0%	BECKETT	TACO ECM	0.80	3.05	470	\$4,872
4EWC1.00T	EWC410032240103	COIL	140	122	106	86.2%	BECKETT	TACO ECM	1.00	3.25	545	\$5,102
4EWC1.25T	EWC412532240103	COIL	175	152	132	86.0%	BECKETT	TACO ECM	1.25	3.50	545	\$5,102
5EWC1.35T	EWC513532240103	COIL	189	167	145	86.0%	BECKETT	TACO ECM	1.35	3.60	630	\$6,455
5EWC1.55T	EWC515532240103	COIL	217	189	164	86.0%	BECKETT	TACO ECM	1.55	3.80	630	\$6,455
3EWC0.80	EWC308031220103	LESS	112	98	85	86.0%	BECKETT	GRUNDFOS	0.80	N/A	470	\$4,149
4EWC1.00	EWC410031220103	LESS	140	122	106	86.2%	BECKETT	GRUNDFOS	1.00	N/A	545	\$4,380
4EWC1.25	EWC412531220103	LESS	175	152	132	86.0%	BECKETT	GRUNDFOS	1.25	N/A	545	\$4,380
5EWC1.35	EWC513531220103	LESS	189	167	145	86.0%	BECKETT	GRUNDFOS	1.35	N/A	630	\$5,773
5EWC1.55	EWC515531220103	LESS	217	189	164	86.0%	BECKETT	GRUNDFOS	1.55	N/A	630	\$5,773
3EWC0.80T	EWC308032220103	COIL	112	98	85	86.0%	BECKETT	GRUNDFOS	0.80	3.05	470	\$4,872
4EWC1.00T	EWC410032220103	COIL	140	122	106	86.2%	BECKETT	GRUNDFOS	1.00	3.25	545	\$5,102
4EWC1.25T	EWC412532220103	COIL	175	152	132	86.0%	BECKETT	GRUNDFOS	1.25	3.50	545	\$5,102
5EWC1.35T	EWC513532220103	COIL	189	167	145	86.0%	BECKETT	GRUNDFOS	1.35	3.60	630	\$6,455
5EWC1.55T	EWC515532220103	COIL	217	189	164	86.0%	BECKETT	GRUNDFOS	1.55	3.80	630	\$6,455
3EWC0.80	EWC308031230103	LESS	112	98	85	86.0%	BECKETT	B&G	0.80	N/A	470	\$4,149
4EWC1.00	EWC410031230103	LESS	140	122	106	86.2%	BECKETT	B&G	1.00	N/A	545	\$4,380
4EWC1.25	EWC412531230103	LESS	175	152	132	86.0%	BECKETT	B&G	1.25	N/A	545	\$4,380
5EWC1.35	EWC513531230103	LESS	189	167	145	86.0%	BECKETT	B&G	1.35	N/A	630	\$5,773
5EWC1.55	EWC515531230103	LESS	217	189	164	86.0%	BECKETT	B&G	1.55	N/A	630	\$5,773
3EWC0.80T	EWC308032230103	COIL	112	98	85	86.0%	BECKETT	B&G	0.80	3.05	470	\$4,872
4EWC1.00T	EWC410032230103	COIL	140	122	106	86.2%	BECKETT	B&G	1.00	3.25	545	\$5,102
4EWC1.25T	EWC412532230103	COIL	175	152	132	86.0%	BECKETT	B&G	1.25	3.50	545	\$5,102
5EWC1.35T	EWC513532230103	COIL	189	167	145	86.0%	BECKETT	B&G	1.35	3.60	630	\$6,455
5EWC1.55T	EWC515532230103	COIL	217	189	164	86.0%	BECKETT	B&G	1.55	3.80	630	\$6,455
3EWC0.80	EWC308051240103	LESS	112	98	85	86.0%	RIELLO	TACO ECM	0.80	3.05	470	\$4,350
4EWC1.00	EWC410051240103	LESS	140	122	106	86.2%	RIELLO	TACO ECM	1.00	3.25	545	\$4,581
4EWC1.25	EWC412551240103	LESS	175	152	132	86.0%	RIELLO	TACO ECM	1.25	3.50	545	\$4,581
5EWC1.35	EWC513551240103	LESS	189	167	145	86.0%	RIELLO	TACO ECM	1.35	3.60	630	\$5,963
5EWC1.55	EWC515551240103	LESS	217	189	164	86.0%	RIELLO	TACO ECM	1.55	3.80	630	\$5,963

EMPIRE EWC - Cast Iron Chimney Vent Oil Boiler - Continued

Model	Item Number	Type	Input MBH	Htg. Cap. MBH	AHRI Net MBH	AFUE	Burner	Pump	Fire Rate GPH	Coil GPM	Shp. Wgt. lbs	Trade Price
3EWC0.80T	EWC308052240103	COIL	112	98	85	86.0%	RIELLO	TACO ECM	0.80	3.05	470	\$5,066
4EWC1.00T	EWC410052240103	COIL	140	122	106	86.2%	RIELLO	TACO ECM	1.00	3.25	545	\$5,298
4EWC1.25T	EWC412552240103	COIL	175	152	132	86.0%	RIELLO	TACO ECM	1.25	3.50	545	\$5,298
5EWC1.35T	EWC513552240103	COIL	189	167	145	86.0%	RIELLO	TACO ECM	1.35	3.60	630	\$7,112
5EWC1.55T	EWC515552240103	COIL	217	189	164	86.0%	RIELLO	TACO ECM	1.55	3.80	630	\$7,112
3EWC0.80	EWC308071240103	LESS	112	98	85	86.0%	CARLIN	TACO ECM	0.80	3.05	470	\$4,149
4EWC1.00	EWC410071240103	LESS	140	122	106	86.2%	CARLIN	TACO ECM	1.00	3.25	545	\$4,380
4EWC1.25	EWC412571240103	LESS	175	152	132	86.0%	CARLIN	TACO ECM	1.25	3.50	545	\$4,380
5EWC1.35	EWC513571240103	LESS	189	167	145	86.0%	CARLIN	TACO ECM	1.35	3.60	630	\$5,773
5EWC1.55	EWC515571240103	LESS	217	189	164	86.0%	CARLIN	TACO ECM	1.55	3.80	630	\$5,773
3EWC0.80T	EWC308072240103	COIL	112	98	85	86.0%	CARLIN	TACO ECM	0.80	3.05	470	\$4,872
4EWC1.00T	EWC410072240103	COIL	140	122	106	86.2%	CARLIN	TACO ECM	1.00	3.25	545	\$5,102
4EWC1.25T	EWC412572240103	COIL	175	152	132	86.0%	CARLIN	TACO ECM	1.25	3.50	545	\$5,102
5EWC1.35T	EWC513572240103	COIL	189	167	145	86.0%	CARLIN	TACO ECM	1.35	3.60	630	\$6,455
5EWC1.55T	EWC515572240103	COIL	217	189	164	86.0%	CARLIN	TACO ECM	1.55	3.80	630	\$6,455
3EWC0.80	EWC308021200103	LESS	112	98	85	86.0%	LESS	LESS	0.80	N/A	470	\$3,100
4EWC1.25	EWC412521200103	LESS	175	152	132	86.0%	LESS	LESS	1.25	N/A	545	\$3,332
5EWC1.35	EWC513521200103	LESS	189	167	145	86.0%	LESS	LESS	1.35	N/A	630	\$4,717
5EWC1.55	EWC515521200103	LESS	217	189	164	86.0%	LESS	LESS	1.55	N/A	630	\$4,717
3EWC0.80T	EWC308022200103	COIL	112	98	85	86.0%	LESS	LESS	0.80	3.05	470	\$3,823
4EWC1.25T	EWC412522200103	COIL	175	152	132	86.0%	LESS	LESS	1.25	3.50	545	\$4,053
5EWC1.35T	EWC513522200103	COIL	189	167	145	86.0%	LESS	LESS	1.35	3.60	630	\$5,398
5EWC1.55T	EWC515522200103	COIL	217	189	164	86.0%	LESS	LESS	1.55	3.80	630	\$5,398
3EWC0.80	EWC308021240103	LESS	112	98	85	86.0%	LESS	TACO ECM	0.80	N/A	470	\$3,200
4EWC1.25	EWC412521240103	LESS	175	152	132	86.0%	LESS	TACO ECM	1.25	N/A	545	\$3,431
5EWC1.35	EWC513521240103	LESS	189	167	145	86.0%	LESS	TACO ECM	1.35	N/A	630	\$4,870
5EWC1.55	EWC515521240103	LESS	217	189	164	86.0%	LESS	TACO ECM	1.55	N/A	630	\$4,870
3EWC0.80T	EWC308022240103	COIL	112	98	85	86.0%	LESS	TACO ECM	0.80	3.05	470	\$3,924
4EWC1.25T	EWC412522240103	COIL	175	152	132	86.0%	LESS	TACO ECM	1.25	3.50	545	\$4,154
5EWC1.35T	EWC513522240103	COIL	189	167	145	86.0%	LESS	TACO ECM	1.35	3.60	630	\$5,551
5EWC1.55T	EWC515522240103	COIL	217	189	164	86.0%	LESS	TACO ECM	1.55	3.80	630	\$5,551
3EWC0.80	EWC308021220103	LESS	112	98	85	86.0%	LESS	GRUNDFOS	0.80	N/A	470	\$3,200
4EWC1.25	EWC412521220103	LESS	175	152	132	86.0%	LESS	GRUNDFOS	1.25	N/A	545	\$3,431
5EWC1.35	EWC513521220103	LESS	189	167	145	86.0%	LESS	GRUNDFOS	1.35	N/A	630	\$4,870
5EWC1.55	EWC515521220103	LESS	217	189	164	86.0%	LESS	GRUNDFOS	1.55	N/A	630	\$4,870
3EWC0.80T	EWC308022220103	COIL	112	98	85	86.0%	LESS	GRUNDFOS	0.80	3.05	470	\$3,924
4EWC1.25T	EWC412522220103	COIL	175	152	132	86.0%	LESS	GRUNDFOS	1.25	3.50	545	\$4,154
5EWC1.35T	EWC513522220103	COIL	189	167	145	86.0%	LESS	GRUNDFOS	1.35	3.60	630	\$5,551
5EWC1.55T	EWC515522220103	COIL	217	189	164	86.0%	LESS	GRUNDFOS	1.55	3.80	630	\$5,551

EMPIRE EWC - BURNERS			
Model	Item Number	Description	Trade Price
EWC	550003929	RIELLO BURNER (3/4/5 SECTION)^	\$973
EWC	550004306	RIELLO BURNER (5EWC1.35)^	\$973
EWC	550003928	CARLIN EZ-1 BURNER (3/4/5 SECTION)^	\$948
EWC	550003927	BECKETT EWC AFG (3 SECTION)	\$948
EWC	550003960	BECKETT EWC AFG (4/5 SECTION)^	\$948
EWC	550004305	BECKETT EWC AFG (5EWC1.35)^	\$948

^BURNER-IN-BOX Requires Additional Purchase of Rerate Kit from List Below

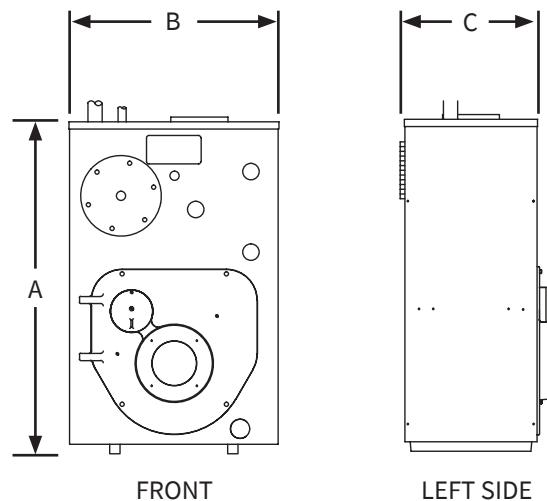
EMPIRE EWC (Use Parts Multiplier for All of the Following)			
Model	Item Number	Description	Trade Price
EWC	550004243	4 SECTION BECKETT BURNER RE-RATE KIT, 1.25 TO 1.00	\$86
EWC	550004244	4 SECTION BECKETT BURNER RE-RATE KIT, 1.00 TO 1.25	\$86
EWC	550004245	4 SECTION RIELLO, CARLIN, BURNER RE-RATE KIT, 1.25 TO 1.00	\$86
EWC	550004246	4 SECTION RIELLO BURNER RE-RATE KIT, 1.00 TO 1.25	\$86
EWC	550004247	4 SECTION CARLIN BURNER RE-RATE KIT, 1.00 TO 1.25	\$86
EWC	550004307	5 SECTION BECKETT, CARLIN, RIELLO BURNER RE-RATE KIT, 1.55 TO 1.35	\$34
EWC	550004308	5 SECTION BECKETT, CARLIN, RIELLO BURNER RE-RATE KIT, 1.35 TO 1.55	\$34
EWC	14624002	FILL-TROL #110 FOR WATER BOILERS 150 MBH OR LESS	\$421
EWC	14624003	FILL-TROL #111 FOR WATER BOILERS OVER 150 MBH	\$585

SBO Cast Iron Steam Oil Boilers

- MBH Input 119 - 210 (CH)
- Up to 85.6% AFUE
- Dependable Cast Iron Heat Exchanger
- Cast Iron Swing out Burner Door and large flueways allow for easy cleaning and servicing
- Honeywell Pressure Control, Boiler Water Level Gauge Glass, and Steam Pressure Gauge
- Electronic Low Water Cutoff (LWCO)
- Atmospheric Chimney Vent Boiler



General Information (See IOM for Complete Instructions)				
Model	SBO-3085	SBO-3105	SBO-4125	SBO-4150
Return/Supply Tappings	1 1/4" Return NPT, 2" Supply NPT			
Oil	3/8" O.D. Copper (runs 50' or less, 1/2" O.D. Copper (runs over 50')			
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)			
Water Content (Gallons)	12	12	14.87	14.87
Dimensions	A-Height	35"	35"	35"
	B-Width	22 1/8"	22 1/8"	22 1/8"
	C-Depth	15 3/4"	15 3/4"	19 3/4"



SBO - Cast Iron Steam Oil Boiler Less Burner

Model	Item Number	Type	Input MBH	Htg. Cap. MBH	AHRI Net MBH	AHRI Net Sq. Ft. Steam	AFUE	Burner	Firing Rate GPH	Shp. Wgt. lbs	Trade Price
SBO-3105	SBO310521700103	LESS	147	127	95	396	85.0%	LESS	1.05	538	\$4,109
SBO-4150	SBO415021700103	LESS	210	180	135	563	85.0%	LESS	1.50	650	\$4,828

SBO (Use Equipment Multiplier for All of the Following)

Model	Item Number	Description	Trade Price
SBO	550004158D	TANKLESS COIL KIT WITH CONTROL	\$568
SBO-3105	550004153D	SBO-3105 BECKETT BURNER IN A BOX KIT	\$936
SBO-4150	550004154D	SBO-4150 BECKETT BURNER IN A BOX KIT	\$936

Please Note: Oil Fired Steam Boilers are sold less burner. Please add burner in a box kit to your order.

Tankless Coil Kits are sold separately.

SBO (Use Parts Multiplier for All of the Following)

Model	Item Number	Description	Trade Price
SBO	550004155	3085/3105 BECKETT RERATE KIT	\$166
SBO	550004156	4125/4150 BECKETT RERATE KIT	\$166

H2O GL Single Coil Glass Lined Indirect Water Heaters

- 31 - 106 Gallon Capacities
- Easy to Install
- Low Pressure Drop
- Magnesium Anode Rod Corrosion Protection
- Enameled Coated Steel Tank and Coil
- Minimal Standby Losses
- Flexible Scratch Resistant Jacket
- Aquastat Sensor Well
- Temperature Pressure Relief Valve



(H2O40GL Model Shown)

General Information (See IOM for Complete Instructions)					
Maximum Working Pressure: 150 psi for all Capacities					
Model	Piping Connections NPT		Dimensions		
	Domestic Water In/Out	Boiler Water In/Out	Diameter	Height	Weight
H2O 30 GL	1"	1"	24"	33"	119 lbs
H2O 40 GL	1"	1"	24"	45"	180 lbs
H2O 50 GL	1"	1"	24"	51"	200 lbs
H2O 80 GL	1"	1"	30"	48"	243 lbs
H2O 105 GL	1"	1"	30"	62"	393 lbs

H2O GL - Single Coil Glass Lined Indirect Water Heaters								
Model	Item Number	Storage Capacity gal	Type	Max. First Hour Rating gal/hr @	Continuous Rating gal/hr @	Boiler Output Req. BTU/hr	Shp. Wgt. lbs	Trade Price
H2O 30 GL	H2OIG30DK	31	GLASS LINED	155	124	100,000	119	\$1,399
H2O 40 GL	H2OIG40DK	42	GLASS LINED	256	220	120,000	180	\$1,438
H2O 50 GL	H2OIG50DK	53	GLASS LINED	310	268	140,000	200	\$1,640
H2O 80 GL	H2OIG80DK	79	GLASS LINED	346	281	180,000	243	\$2,272
H2O 105 GL	H2OIG105DK	106	GLASS LINED	440	345	220,000	393	\$3,558
H2O GL (Use Parts Multiplier for All of the Following)								
Model	Item Number	Description						Trade Price
30-105 GAL.	240010926	T & P VALVE 3/4, 100XL-8						\$62
30-105 GAL.	AQ-020.01	AQUASTAT WELL						\$43
30-105 GAL.	240013432	AQUASTAT						\$171
30-50 GAL.	240012211	PLASTIC TOP CAP						\$34
80-105 GAL.	240012239	PLASTIC TOP CAP						\$47
40-105 GAL.	240012212	PLASTIC FRONT CAP						\$8
30 GAL.	550003640	ANODE KIT MAGNESIUM (INCLUDES ANODE, GASKET & BUSHING)						\$45
40-50 GAL.	550003505	ANODE KIT MAGNESIUM (INCLUDES ANODE, GASKET & BUSHING)						\$45
80-105 GAL.	550003527	ANODE KIT MAGNESIUM (INCLUDES ANODE, GASKET & BUSHING)						\$87
30 GAL.	550003693	ANODE KIT ALUMINUM (INCLUDES ANODE, GASKET & BUSHING)						\$44
40-50 GAL.	550003694	ANODE KIT ALUMINUM (INCLUDES ANODE, GASKET & BUSHING)						\$45
80-105 GAL.	550003695	ANODE KIT ALUMINUM (INCLUDES ANODE, GASKET & BUSHING)						\$87
30-50 GAL.	240012250	FLANGE CAP						\$47
80-105 GAL.	240012251	FLANGE CAP						\$18
30-50 GAL.	240012210	FLANGE GASKET						\$2
80-105 GAL.	240012238	FLANGE GASKET						\$4
40-50 GAL.	550003510	HARDWARE KIT (INCLUDES BOLTS & NUTS FOR FLANGE CAP)						\$4
80-105 GAL.	550003525	HARDWARE KIT (INCLUDES BOLTS & NUTS FOR FLANGE CAP)						\$4
H2O 30 GL	240012474	OUTSIDE TANK COVER						\$126
H2O 40 GL	240012329	OUTSIDE TANK COVER						\$128
H2O 50 GL	240012330	OUTSIDE TANK COVER						\$137
H2O 80 GL	240012331	OUTSIDE TANK COVER						\$149
H2O 105 GL	240012332	OUTSIDE TANK COVER						\$167
30-50 GAL.	240012483	TEMPERATURE GAUGE						\$19
80-105 GAL.	240012484	TEMPERATURE GAUGE						\$27

H2O SC Single Coil Stainless Steel Indirect Water Heaters

- 30 - 115 Gallon Capacities
- 316L Stainless Steel Construction
- Top Connections (For Easy Install)
- Stainless Steel Dip Tube
- Thermoplastic Jacket
- Low Pressure Drop
- T & P Valve, Stainless Steel Aquastat Well and Drain Valve
- 2.25" EPS Insulation
- Large Diameter, Smooth Coil Heat Exchangers - Prevent Buildup
- Honeywell L4080B Aquastat



H2O

I

Indirect

30

Capacity:
 30=30 gals
 40=40 gals
 50=50 gals
 60=60 gals
 80=80 gals
 85=87 gals
 115=115 gals

L

Type:
 L=Lowboy
 HO=High Output
 HOC=High Output
 Commercial
 XHO=Extra High
 Output

DK

DK=Dunkirk

General Information (See IOM for Complete Instructions)					
Maximum Working Pressure: 150 psi for all Capacities					
Model	Piping Connections NPT		Dimensions		
	Domestic Water In/Out	Boiler Water In/Out	Diameter	Height	Weight
H2OI30DK	3/4"	1"	23 1/2"	34"	85 lbs
H2OI40DK	3/4"	1"	23 1/2"	44"	100 lbs
H2OI40LDK	3/4"	1"	28"	36"	100 lbs
H2OI50DK	3/4"	1"	23 1/2"	54"	110 lbs
H2OI60DK	3/4"	1"	23 1/2"	62"	125 lbs
H2OI60LDK	3/4"	1"	28"	46"	120 lbs
H2OI80DK	1"	1"	28"	56"	140 lbs
H2OI115DK	1"	1"	28"	74"	175 lbs
High Output Units					
H2OI60HODK	1"	1"	23 1/2"	62"	145 lbs
H2OI80HODK	1"	1"	28"	56"	155 lbs
H2OI80HOC DK	1 1/2"	1 1/4"	28"	56"	155 lbs
H2OI115HODK	1"	1"	28"	74"	190 lbs
H2OI115HOC DK	1 1/2"	1 1/4"	28"	74"	190 lbs
Extra High Output Units 85XHO and 115XHO					
H2OI85XHOC DK	1 1/2"	1 1/2"	28"	64"	215 lbs
H2OI115XHOC DK	1 1/2"	1 1/2"	28"	74"	240 lbs

H2O SC - Single Coil Stainless Steel Indirect Water Heaters							
Item Number	Storage Capacity gal	Type	Max. First Hour Rating gal/hr @ 140° F/115° F		Boiler Output Req. BTU/hr	Shp. Wgt. lbs	Trade Price
H2OI30DK	30	STANDARD	202	269	131,250	85	\$2,023
H2OI40DK	40	STANDARD	221	292	138,670	100	\$2,083
H2OI40LDK	42	LOWBOY	212	251	132,000	100	\$2,219
H2OI50DK	50	STANDARD	223	291	133,280	110	\$2,514
H2OI60DK	60	STANDARD	262	342	155,700	125	\$3,007
H2OI60LDK	60	LOWBOY	239	310	138,570	120	\$3,092
H2OI80DK	80	STANDARD	271	348	149,390	140	\$3,331
H2OI115DK	115	STANDARD	324	409	165,750	175	\$4,944
H2OI60HODK	60	HIGH OUTPUT	406	541	263,600	145	\$3,242
H2OI80HODK	80	HIGH OUTPUT	418	551	259,640	155	\$4,506
H2OI80HOCDK	80	HIGH OUTPUT COMMERCIAL	442	584	227,070	155	\$4,864
H2OI115HODK	115	HIGH OUTPUT	467	607	273,100	190	\$6,093
H2OI115HOCDK	115	HIGH OUTPUT COMMERCIAL	479	623	281,300	190	\$6,450
H2OI85XHOCDK	87	EXTRA HIGH OUTPUT	738	992	495,000	215	\$6,054
H2OI115XHOCDK	115	EXTRA HIGH OUTPUT	763	1017	495,000	240	\$7,184

H2O DC Single & Dual Coil Stainless Steel Solar Water Heaters

- 60 - 115 Gallon Capacities
- 316L Stainless Steel Construction
- Top Connections (For Easy Install)
- Stainless Steel Dip Tube
- Thermoplastic Jacket
- Low Pressure Drop
- T & P Valve, Stainless Steel Aquastat Well and Drain Valve
- 2.25" EPS Insulation
- Large Diameter, Smooth Coil Heat Exchangers - Prevent Buildup
- Honeywell L4080B Aquastat



H2O

I

Indirect

60

Capacity:
 60=60 gals
 80=80 gals
 115=115 gals

D

D=Dual Coil

E

E=Electric Backup
 (3500 Watts)

DK

DK=Dunkirk

General Information (See IOM for Complete Instructions)				
Maximum Working Pressure: 150 psi for all Capacities				
Model	Piping Connections NPT	Dimensions		
		Diameter	Height	Weight
H2O160EDK	1"	23"	62"	135 lbs
H2O180EDK	1"	28"	56"	145 lbs
H2O115EDK	1"	28"	74"	180 lbs
H2O160DDK	1"	23"	62"	165 lbs
H2O180DDK	1"	28"	56"	175 lbs
H2O115DDK	1"	28"	74"	205 lbs
H2O160DEDK	1"	23"	62"	175 lbs
H2O180DEDK	1"	28"	56"	185 lbs
H2O115DEDK	1"	28"	74"	215 lbs

H2O DC - Single & Dual Coil Stainless Steel Solar Water Heaters						
Item Number	Storage Capacity gal	Type	Recovery Rate gal/hr		Ship Wgt. lbs	Trade Price
			Top Coil	Bottom Coil		
H2OI60EDK	60	ELECTRIC BACK-UP	N/A	214	135	\$3,859
H2OI80EDK	80	ELECTRIC BACK-UP	N/A	214	145	\$4,320
H2OI115EDK	115	ELECTRIC BACK-UP	N/A	214	180	\$5,838
H2OI60DDK	60	INDIRECT	185	214	165	\$3,988
H2OI80DDK	80	INDIRECT	180	214	175	\$4,541
H2OI115DDK	115	INDIRECT	190	214	205	\$5,814
H2OI60DEDK	60	ELECTRIC BACK-UP	185	214	175	\$5,389
H2OI80DEDK	80	ELECTRIC BACK-UP	180	214	185	\$6,086
H2OI115DEDK	115	ELECTRIC BACK-UP	190	214	215	\$7,635

H2O BT Stainless Steel Buffer Tanks, w/ and w/o Coil

- 22 - 115 Gallon Capacities
- 316L Stainless Steel Construction
- Top Connections (For Easy Installation)
- Thermoplastic Jacket
- Low Pressure Drop
- T & P Valve, Stainless Steel Aquastat Well and Drain Valve
- 2.25" EPS Insulation



H2O

BT
 BT=Buffer Tank

40
 Capacity:
 22=22 gals
 40=40 gals
 60=60 gals
 80=80 gals

114
 Connection:
 114=1 1/4" NPT
 112=1 1/2" NPT
 2=2" NPT

WC
 WC=With Coil

DK
 DK=Dunkirk

General Information (See IOM for Complete Instructions)				
Maximum Working Pressure: 150 psi for all Capacities				
Model	Piping Connections NPT	Dimensions		
		Diameter	Height	Weight
H2OBT22114DK	1 1/4"	22 1/2"	24 1/2"	35 lbs
H2OBT40114DK	1 1/4"	22 1/2"	42"	87 lbs
H2OBT40112DK	1 1/2"	22 1/2"	42"	87 lbs
H2OBT402DK	2"	22 1/2"	42"	87 lbs
H2OBT60114DK	1 1/4"	26 1/2"	44"	115 lbs
H2OBT60112DK	1 1/2"	26 1/2"	44"	115 lbs
H2OBT602DK	2"	26 1/2"	44"	115 lbs
H2OBT80114DK	1 1/4"	26 1/2"	54"	125 lbs
H2OBT80112DK	1 1/2"	26 1/2"	54"	125 lbs
H2OBT802DK	2"	26 1/2"	54"	125 lbs
H2OBT115114DK	1 1/4"	26 1/2"	72"	160 lbs
H2OBT115112DK	1 1/2"	26 1/2"	72"	160 lbs
H2OBT1152DK	2"	26 1/2"	72"	160 lbs
H2OBT40114WCDK	1 1/4"	22 1/2"	42"	97 lbs
H2OBT40112WCDK	1 1/2"	22 1/2"	42"	97 lbs
H2OBT402WCDK	2"	22 1/2"	42"	97 lbs
H2OBT60114WCDK	1 1/4"	26 1/2"	44"	125 lbs
H2OBT60112WCDK	1 1/2"	26 1/2"	44"	125 lbs
H2OBT602WCDK	2"	26 1/2"	44"	125 lbs
H2OBT80114WCDK	1 1/4"	26 1/2"	54"	135 lbs
H2OBT80112WCDK	1 1/2"	26 1/2"	54"	135 lbs
H2OBT802WCDK	2"	26 1/2"	54"	135 lbs
H2OBT115114WCDK	1 1/4"	26 1/2"	72"	170 lbs
H2OBT115112WCDK	1 1/2"	26 1/2"	72"	170 lbs
H2OBT1152WCDK	2"	26 1/2"	72"	170 lbs

H2O BT - Stainless Steel Buffer Tanks (With & Without Coil)				
Item Number	Storage Capacity gal	Type	Shp. Wgt. lbs	Trade Price
H2OBT22114DK	22	HYDRONIC BUFFER TANK	35	\$1,801
H2OBT40114DK	40	HYDRONIC BUFFER TANK	87	\$3,152
H2OBT40112DK	40	HYDRONIC BUFFER TANK	87	\$3,152
H2OBT402DK	40	HYDRONIC BUFFER TANK	87	\$3,152
H2OBT60114DK	60	HYDRONIC BUFFER TANK	115	\$3,753
H2OBT60112DK	60	HYDRONIC BUFFER TANK	115	\$3,753
H2OBT602DK	60	HYDRONIC BUFFER TANK	115	\$3,753
H2OBT80114DK	80	HYDRONIC BUFFER TANK	125	\$4,140
H2OBT80112DK	80	HYDRONIC BUFFER TANK	125	\$4,140
H2OBT802DK	80	HYDRONIC BUFFER TANK	125	\$4,140
H2OBT115114DK	115	HYDRONIC BUFFER TANK	160	\$5,156
H2OBT115112DK	115	HYDRONIC BUFFER TANK	160	\$5,156
H2OBT1152DK	115	HYDRONIC BUFFER TANK	160	\$5,156
H2OBT40114WCDK	40	HYDRONIC BUFFER TANKS (WITH COIL)	97	\$4,039
H2OBT40112WCDK	40	HYDRONIC BUFFER TANKS (WITH COIL)	97	\$4,039
H2OBT402WCDK	40	HYDRONIC BUFFER TANKS (WITH COIL)	97	\$4,039
H2OBT60114WCDK	60	HYDRONIC BUFFER TANKS (WITH COIL)	125	\$4,292
H2OBT60112WCDK	60	HYDRONIC BUFFER TANKS (WITH COIL)	125	\$4,292
H2OBT602WCDK	60	HYDRONIC BUFFER TANKS (WITH COIL)	125	\$4,292
H2OBT80114WCDK	80	HYDRONIC BUFFER TANKS (WITH COIL)	135	\$5,122
H2OBT80112WCDK	80	HYDRONIC BUFFER TANKS (WITH COIL)	135	\$5,122
H2OBT802WCDK	80	HYDRONIC BUFFER TANKS (WITH COIL)	135	\$5,122
H2OBT115114WCDK	115	HYDRONIC BUFFER TANKS (WITH COIL)	170	\$6,235
H2OBT115112WCDK	115	HYDRONIC BUFFER TANKS (WITH COIL)	170	\$6,235
H2OBT1152WCDK	115	HYDRONIC BUFFER TANKS (WITH COIL)	170	\$6,235

H2O ST Stainless Steel Storage Tanks

- 30 - 115 Gallon Capacities
- 316L Stainless Steel Construction
- Top Connections (For Easy Installation)
- Stainless Steel Dip Tube -Thermoplastic Jacket
- Low Pressure Drop
- T & P Valve, Stainless Steel Aquastat Well and Drain Valve
- 2.25” EPS Insulation
- Honeywell L4080B



H2O

ST

ST=Storage

30

Capacity:
 30=30 gals
 40=40 gals
 60=60 gals
 80=80 gals
 115=115 gals

L

Type:
 L=Lowboy
 C=Commercial

DK

DK=Dunkirk

General Information (See IOM for Complete Instructions)					
Maximum Working Pressure: 150 psi for all Capacities					
Model	Piping Connections NPT		Dimensions		
	Return/Supply	Heat Source Pressure	Diameter	Height	Weight
H2OST30DK	1”	1”	23 1/2”	34”	75 lbs
H2OST40DK	1”	1”	23 1/2”	44”	90 lbs
H2OST60DK	1”	1”	23 1/2”	62”	115 lbs
H2OST60LDK	1”	1”	23 1/2”	46”	110 lbs
H2OST80DK	1”	1”	28”	56”	140 lbs
H2OST115DK	1”	1”	28”	74”	175 lbs
H2OST80CDK	1 1/2”	1”	28”	56”	140 lbs
H2OST115CDK	1 1/2”	1”	28”	74”	175 lbs

H2O ST - Stainless Steel Storage Tanks (No Coil)				
Item Number	Storage Capacity gal	Type	Shp. Wgt. lbs	Trade Price
H2OST30DK	30	STANDARD STORAGE TANK	75	\$1,798
H2OST40DK	40	STANDARD STORAGE TANK	90	\$1,857
H2OST60DK	60	STANDARD STORAGE TANK	115	\$2,708
H2OST60LDK	60	LOWBOY STORAGE TANK	110	\$2,795
H2OST80DK	80	STANDARD STORAGE TANK	140	\$3,074
H2OST80CDK	80	COMMERCIAL STORAGE TANK	175	\$4,430
H2OST115DK	115	STANDARD STORAGE TANK	140	\$3,384
H2OST115CDK	115	COMMERCIAL STORAGE TANK	175	\$4,740

TERMS & CONDITIONS OF SALE - GENERAL TERMS

PRICES & SPECIFICATIONS: All pricing and specifications subject to change without notice. The prices herein supersede all prior quotations.

ORDERS: Orders will be accepted based on prices in effect at the time the order is received. No order or contract will become an obligation on our part until accepted by the General Sales Department. ECR International shall not be liable for any delay or failure in the delivery or shipment of goods due to any cause or causes beyond its control.

TAXES: Add to the prices and terms quoted any manufacturers' or sales tax payable on the transaction under any effective statute.

SHIPMENTS

TRUCKLOADS: \$60,000 Net Order Value - Freight Prepaid. Indirect Water Heaters and Commercial Boiler lines can be added to any residential order for freight purposes. Authorized Distributors can combine Argo, Airco, Dunkirk, EMI, Olsen, Pennco, Utica Boilers and Utica Heating on one purchase order to earn free freight.

Stop off charges of \$200 will apply to stop off locations within 100 miles of the final destination. Please call for pricing for stop off special handling for a location further than 100 miles or for special handling pricing for services such as lift gate, unloading assistance, etc.

LESS THAN TRUCKLOAD SHIPMENT: F.O.B. ECR INTERNATIONAL - FACTORY OR WAREHOUSE

See Shipping and Delivery Policy for full details.

SALES ORDER INFORMATION CHECK LIST

The following information must be included on equipment or parts orders to insure proper shipment & invoicing:

- | | |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) Purchase Order Number | 7) Pricing |
| 2) Bill to Address | 8) Product Description (Model, Size, etc.) |
| 3) Ship to Address | 9) Fuel Type (Oil, Natural Gas, Propane) |
| 4) Method of Shipment (trailer load, UPS) | 10) Electrical (Operating Voltage, Cycles, Phases, etc.) |
| 5) Requested Ship Date | 11) Non-Standard Equipment (Indicate "Optional" when substituted for standard equipment at extra cost listed. Indicate added to standard equipment.) |
| 6) Special Instructions ("Carrier to call...") | 12) Kits or Parts (Orders for kits or parts must indicate equipment size and series.) |

Send orders to:

E-mail: ecrorderentry@ecrinternational.com

Fax: (315) 724-9319

Please note the following Remit to Address:

ECR International, Inc.

P.O. Box 8000 Department 039

Buffalo, NY 14267

SHIPPING AND DELIVERY POLICY

Shipping and Delivery Policy	
Order Type / Value*	Freight Charges*
All UPS, Fed, Ex, DHL, etc. Shipments	Freight & Handling Cost Apply
\$0.00 - \$5,000	Freight & Handling Cost Apply
\$5,001 - \$15,000	\$350
\$15,001 - \$59,999	\$300
\$60,000**	FFA

*The above freight terms apply to single purchase orders or combined purchase orders from one company with one stop totaling the above reference tiers. Additional stops will incur additional charges. Pooling from multiple companies is not allowed under this freight program.

**Orders of \$60,000 or more from one company with multiple stops will incur a \$200 stop-off charge per stop after the initial stop. Each stop location must be within 100 miles of the initial stop or additional charges will apply.

Because of packaging and shipping constraints, EMI products do not qualify for this freight program unless prior approval is obtained from your Regional Sales Manager.

Except for FFA qualifying orders, the above US shipping rates apply to shipments east of the Mississippi River. If shipments are beyond that area actual freight rates will apply.

These rates apply to destinations where no special delivery requirements are needed. Additional charges will apply when special handling and delivery is incurred. Pre-shipment notification of any special shipping or handling provisions is required. Unless otherwise noted, all products will be shipped FOB Shipping Point and transfer of ownership and responsibility is assumed by the customer for all loss or damage. ECR International will not be held liable for any damage, loss or costs which occur due to shipping delay. ECR retains the right to change or alter this program without notice and without penalty.

Family bundling is encouraged; boilers, furnaces, A/C, and controls can be combined to achieve freight tiers.

If you have any questions, please contact your ECR representative or ECR Regional Manager.

U.S. DISTRIBUTOR - RETURN MATERIAL POLICY (RMA)

Prior Approval Required - All returns for exchange, credit, repair service or warranty claim must be approved by ECR International and require an RMA number prior to return of the material. A request must be completed via the online web portal. Please log on to www.ecrcustomerportal.com to complete your request for return. If you do not already have access to the customer web portal, please contact ECR International Customer Service at 1-800-325-5479 to be set-up.

Eligibility – An RMA Request must be received within 60 days from the date of invoice for returns of New & Unused product in original packaging. A restocking fee of 15% will be charged for all new and unused returns that are approved for return. Special Order Products (items not offered as standard in ECR International trade price book) are not eligible for return as new and unused product. Request for Warranty Returns must be made within the period covered by the warranty and must fall under the terms and conditions specified in the warranty.

Repair Service - Request for repair or rework of product damaged by customer is classified as Repair Service. Repair Service is billed at \$75.00 per hour for labor and net price for parts used in repair/rework. ECR International's Return Material (RM) department will evaluate the items returned for repair service. The customer will receive an estimate for the dollar amount, determined by ECR International's RM department, required to complete the repairs requested. A Purchase Order (PO) from the customer for that amount will be required before any work is performed.

RMA Expiration Parts - Once the RMA number is issued, the product must be returned within 60 days of the RMA date, or the RMA will be canceled. Products approved for return that are received after 60 days from the RMA date will not be accepted.

Shipping & Packaging - All returns must have a valid RMA number clearly displayed on the exterior of the package or the package will not be accepted. All returns of new and unused product must be in the original packaging. All returns must be shipped prepaid by the customer unless otherwise directed by ECR as indicated on the RMA Verification. Ship all approved return material to the facility indicated on the approved RMA Request by the date indicated.

Replacement Product - If replacement product is desired it must be indicated on the RMA Request. A PO# is required for the replacement shipment and must be indicated on the RMA Request. All replacement products will be invoiced at the time of shipment. ECR will pay the ground freight for all warranty replacements.

Application of Credit - Credit for returned product will be applied to the customer's account (less restocking fees for New and Unused returns) only after confirmation of receipt by ECR and inspection of the product. Issuance of a credit for a partial return of product does not relieve the customer from the obligation to remit payment for the merchandise not returned in accordance with the payment terms referenced on the customer's invoice(s). Customer will have the option to have any product that is denied for credit returned at their expense.

Returning Installed Finished Goods (Complete boilers, furnaces, A/C units etc.)

- Equipment that is already installed should be repaired not replaced. Exceptions: leaking cast iron boilers in their first year or leaking water tanks. Leaking drain valves on water tanks are replaceable, make sure the leak is not on the valve. Tanks returned with the only leak being on the valve will be denied.
- Cast iron blocks (not complete boilers) older than one year and Indirect tanks that are leaking do not require prior approval. Simply type "Leaking" into the Authorization field and it will be accepted. Complete Cast iron boilers within their first year will still require prior authorization for full boiler replacement.
- Water leaks on copper and condensing boilers are repairable and will require prior authorization for any reason for removal.
- To guarantee credit, if a situation arises where equipment does need to be replaced, **prior authorization** from ECR is required. This will ensure that ECR has visibility to the problem and has had an opportunity to correct it prior to removal. *All equipment considered for removal should first be brought to the attention of Technical Support at 1-800-253-7900.*
- If approved, an authorization number will be given that will need to be entered in the RMA on the Customer Portal.
- For equipment that is removed from service without prior authorization by ECR, contact Customer Service. They will evaluate the circumstance and can issue a conditional RMA. The equipment will be tested in our lab to determine if removal was warranted and if credit will be given.

RMA Expiration Equipment - Once the RMA number is issued, the product must be returned within 30 days of the RMA date, or the RMA will be canceled. Products approved for return that are received after 30 days from the RMA date will not be accepted.

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