



US Trade Price Book - 2020

Effective 3/30/20



Innovative. Efficient. Dependable. Dunkirk.



www.dunkirk.com



ECR international

Manufactured by:
ECR International Inc.
2201 Dwyer Avenue, Utica, NY 13501
Tel. 800 325 5479
www.ecrinternational.com
PN 240005064 REV. L [03/18/2020]

Customer Support Team

Customer Service:

Phone: (800) 325-5479 option #2

Fax: (315) 724-9319

Email Purchase Orders: ecrorderentry@ecrinternational.com

Email Inquiries: customerservice@ecrinternational.com

Technical Support:

Phone: (800) 253-7900

Fax: (866) 432-7329

Email: technical.support@ecrinternational.com

Marketing Support:

Phone: (800) 325-5479

Fax: (315) 733-1759

E-mail: marketing@ecrinternational.com

WWW.ECRCUSTOMERPORTAL.COM

Your On-line Access to:

- Order Status
- Invoices
- Statements
- RMA
- Serial Number Look-Up
- Literature

Table of Contents

Condensing Natural / LP Gas Boilers with [AI] Control (Gas Adaptive) 4-7

DCC/DCB	Stainless Steel Wall Hung Combi & Heating Boilers (126-205 MBH)	4
DCCF/DCBF	Stainless Steel Floor Standing Combi & Heating Boilers (126-153 MBH)	6

Condensing Natural / LP Gas Boilers 8-15

Q90-100	Cast-Aluminum Floor Standing Heating Boilers (50-100 MBH)	8
HELIX VLT	Stainless Steel Wall Hung Heating Boilers (50-200 MBH)	10
DMG 240	Stainless Steel Wall Hung Heating Boilers (241 MBH)	12
DMG 380	Stainless Steel Floor Standing Heating Boilers (379 MBH)	14

Controls & Venting 16-19

MBC	Multiple Boiler Control (MBC)	16
Wi-Fi T-STAT	Argo Wi-Fi Thermostat	16
VENTING	Coaxial, Twin Pipe & CPVC Venting for Condensing Boilers	17

Natural / LP Gas Boilers 20-39

DWB	Copper Wall Hung Combi & Heating Boilers (100-150 MBH)	20
XEB	Cast-Iron Induced Draft Chimney/Side Wall Vented (42.5-225 MBH)	22
DXL	Cast-Iron Chimney Vented Boilers (50-200 MBH)	26
WPSB	Cast-Iron Integral Draft Diverter Boilers (75-299 MBH)	30
PSB	Cast-Iron Steam Boilers (75-299 MBH)	34
D249	Cast-Iron Commercial Steam Boilers (300-1,5000 MBH)	36

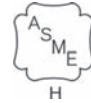
Oil Boilers 40-51

EXCELSIOR EXB	Cast-Iron 3-Pass Boilers (105-231 MBH)	40
EMPIRE EW II	Cast-Iron Chimney Vent Boilers (91-245 MBH)	44
ESC	Cast-Iron Steam Boilers (126-294 MBH)	50

Indirect Tanks 52-61

H2O GL	Single Coil Glass Lined Indirect Water Heaters (31-106 GALS)	52
H2O SC	Single Coil Stainless Steel Indirect Water Heaters (30-115 GALS)	54
H2O DC	Single & Dual Coil Stainless Steel Solar Water Heaters (60-115 GALS)	56
H2O BT	Stainless Steel Buffer Tanks (With & Without Coil) (22-115 GALS)	58
H2O ST	Stainless Steel Storage Tanks (No Coil) (30-115 GALS)	60

Terms & RMA Policy 62-63



DCC/DCB Stainless Steel Wall Hung Combi & Heating Boilers

- MBH Input 126-164 (CH) / 153-205 (DHW)
- 95% AFUE
Recognized as ENERGY STAR® Most Efficient 2020
- [AI] Control Technology Recognizes Natural or LP Gas
No field conversion kit required.
- 7:1 Turndown Modulation Ratio in DHW Mode
5.7:1 Turndown Modulation Ratio in CH Mode (DCB-125, DCC-150)
5.5:1 Turndown Modulation Ratio in CH Mode (DCB-165, DCC-205)
- 3.5 gpm DHW (DCC-150), 5 gpm DHW (DCC-205) @ 70°F Rise
- LABOR SAVER™ Primary/Secondary Manifold Included
- Low Water Pressure Switch
- Wall Hung or Floor Stand Kit Available



Clearances	Combustible Materials ⁽¹⁾	Service ⁽²⁾
Top	0" (0 mm)	8 5/8" (220 mm)
Left	1 3/4" (45 mm)	1 3/4" (45 mm)
Right	1 3/4" (45 mm)	1 3/4" (45 mm)
Front	0" (0 mm)	17 3/4" (450 mm)
Back	0" (0 mm)	0" (0 mm)
Bottom	0" (0 mm)	9 13/16" (250 mm) ⁽³⁾
Combustion Air/Vent Piping	0" (0 mm)	6" (160 mm)

- (1) Required distances measured from boiler.
 (2) Proper operation clearance recommended.
 (3) Allowance for piping at the bottom of boiler not included.

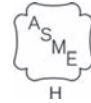
General Information (See IOM for Complete Instructions)				
Model	DCB-125	DCC-150	DCB-165	DCC-205
Water Return/Supply	3/4" SWT		1" SWT	
Gas	3/4" FPT		3/4" FPT	
Condensate Drain	13/16" ID Hose		3/4" NPT	
DHW Outlet (125 Optional)	1/2"		3/4"	
DHW (Cold Water) Inlet	1/2"		3/4"	
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)			
Water Content (Gallons)	1		1 1/4	
Dimensions	Height	30"		30"
	Width	17 3/4"		17 3/4"
	Depth	13 9/16"		21 1/2"
Weight	102 lbs	103 lbs	125 lbs	

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

Model	Item Number	Type	Input MBH CH	Input MBH DHW	AHRI Net MBH	Fuel	AFUE %	Pump	Shp. Wgt. lbs	Trade Price
DCB125	DCB112503600103	HEATING	126	N/A	98	NAT/LP	95	LESS	102	\$2,897
DCB165	DCB116503600103	HEATING	164	N/A	133	NAT/LP	95	LESS	125	\$3,401
DCC150	DCC115003600103	COMBI	126	153	98	NAT/LP	95	LESS	103	\$3,093
DCC205	DCC120503600103	COMBI	164	205	133	NAT/LP	95	LESS	125	\$3,591
DCB125	DCB112503640103	HEATING	126	N/A	98	NAT/LP	95	TACO ECM	102	\$3,043
DCB165	DCB116503640103	HEATING	164	N/A	133	NAT/LP	95	TACO ECM	125	\$3,547
DCC150	DCC115003640103	COMBI	126	153	98	NAT/LP	95	TACO ECM	103	\$3,240
DCC205	DCC120503640103	COMBI	164	205	133	NAT/LP	95	TACO ECM	125	\$3,736
DCB125	DCB112503620103	HEATING	126	N/A	98	NAT/LP	95	GRUNDFOS	102	\$3,043
DCB165	DCB116503620103	HEATING	164	N/A	133	NAT/LP	95	GRUNDFOS	125	\$3,547
DCC150	DCC115003620103	COMBI	126	153	98	NAT/LP	95	GRUNDFOS	103	\$3,240
DCC205	DCC120503620103	COMBI	164	205	133	NAT/LP	95	GRUNDFOS	125	\$3,736

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

Model	Item Number	Description	Trade Price
DCC(B)	BD710487302V	OUTSIDE AIR SENSOR	\$36
DCC(B)	550003189	DHW SENSOR KIT	\$78
DCC(B)	240010266	FLOOR STAND KIT	\$648
DCC(B)	550003212	HEAT EXCHANGER CLEANING KIT	\$54



DCCF/DCBF Stainless Steel Floor Standing Combi & Heating Boilers

- MBH Input 126 (CH) / 153 (DHW)
- 95% AFUE
Recognized as ENERGY STAR® Most Efficient of 2020
- [AI] Control Technology Recognizes Natural or LP Gas
No field conversion kit required.
- 7:1 Turndown Modulation Ratio in DHW Mode
5.7:1 Turndown Modulation Ratio in CH Mode
- 3.5 gpm DHW (DCCF-150) @ 70°F Rise
- LABOR SAVER™ Primary/Secondary Manifold Built-In
- Low Water Pressure Switch
- Compact, Floor Standing Design



Clearances	Combustible Materials ⁽¹⁾	Service ⁽²⁾
Top	0" (0 mm)	8 5/8" (220 mm)
Left	1 3/4" (45 mm)	12" (305 mm)
Right	1 3/4" (45 mm)	1 3/4" (45 mm)
Front	0" (0 mm)	17 3/4" (450 mm)
Back	0" (0 mm)	0" (0 mm)
Bottom	0" (0 mm)	9 13/16" (250 mm) ⁽³⁾
Combustion Air/Vent Piping	0" (0 mm)	6" (160 mm)

- (1) Required distances measured from boiler.
 (2) Proper operation clearance recommended.
 (3) Allowance for piping at the bottom of boiler not included.

General Information (See IOM for Complete Instructions)			
Model		DCBF-125	DCCF-150
Water Return/Supply		1 1/4" SWT	1 1/4" SWT
Gas		3/4" NPT	3/4" NPT
Condensate Drain		3/4" NPT	3/4" NPT
DHW Outlet (125 Optional)		3/4" SWT	1/2" SWT
DHW (Cold Water) Inlet		NA	1/2" SWT
Electrical		120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)	
Water Content (Gallons)		1	1
Dimensions	Height	43.65"	43.65"
	Width	24.70"	24.70"
	Depth	17.46"	17.46"
Weight		106 lbs	106 lbs

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

Model	Item Number	Type	Input MBH CH	Input MBH DHW	AHRI Net MBH	Fuel	AFUE %	Pump	Shp. Wgt. lbs	Trade Price
DCBF125	DCB112505600103	HEATING	126	N/A	98	NAT/LP	95	LESS	106	\$3,230
DCCF150	DCC115005600103	COMBI	126	153	98	NAT/LP	95	LESS	106	\$3,449
DCBF125	DCB112505640103	HEATING	126	N/A	98	NAT/LP	95	TACO ECM	106	\$3,380
DCCF150	DCC115005640103	COMBI	126	153	98	NAT/LP	95	TACO ECM	106	\$3,514
DCBF125	DCB112505620103	HEATING	126	N/A	98	NAT/LP	95	GRUNDFOS	106	\$3,380
DCCF150	DCC115005620103	COMBI	126	153	98	NAT/LP	95	GRUNDFOS	106	\$3,599

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

Model	Item Number	Description	Trade Price
DCC(B)F	BD710487302V	OUTSIDE AIR SENSOR	\$36
DCC(B)F	550003189	DHW SENSOR KIT	\$78
DCC(B)F	550003212	HEAT EXCHANGER CLEANING KIT	\$54

Q90-100 Cast-Aluminum Floor Standing Heating Boilers

- MBH Input 50 - 100 (CH)
- 90% AFUE
Natural or LP Gas
- High Efficiency Cast Aluminum Heat Exchanger
- Fuel Smart Hydrostat Control: Temperature Limit
- Low Water Cut Off (LWCO)
- Boiler Reset
- Compact Design, Floor Standing Design
- Stainless Steel Premix Burner
- Sealed Combustion
- Induced Draft Blower with Adjustable Exhaust



Clearances	Combustible Materials ⁽¹⁾	Service ⁽²⁾
Top	1" (26 mm)	8" (204 mm)
Left	1" (26 mm)	0" (0 mm)
Right	11" (280 mm)	0" (0 mm)
Front	1" (26 mm)	24" (610 mm)
Back	1" (26 mm)	0" (0 mm)
Bottom	1" (26 mm)	0" (0 mm)
Combustion Air/Vent Piping	0" (0 mm)	0" (0 mm)

(1) Required distances measured from boiler.
 (2) Proper operation clearance recommended.

General Information (See IOM for Complete Instructions)			
Model	Q90-50	Q90-75	Q90-100
Water Return/Supply	1 1/4" NPT		
Gas	1/2" NPT		
Condensate Drain	1/2" CPVC Stub		
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)		
Water Content (Gallons)	2.6		
Dimensions	Height	36 1/4"	
	Width	17 3/4"	
	Depth	17 3/8"	
Weight	220 lbs		

Q90-100 - Cast-Aluminum Floor Standing Heating Boilers

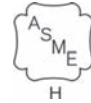
Model	Item Number	Input MBH	AHRI Net MBH	Fuel	AFUE%	Pump	Flue Dia.	Shp. Wgt. lbs	Trade Price
Q90-50	Q90205003200403	50	39	NAT	90	LESS	2" or 3"	256	\$3,342
Q90-75	Q90207503200403	75	59	NAT	90	LESS	2" or 3"	256	\$3,342
Q90-100	Q90210003200403	100	78	NAT	90	LESS	2" or 3"	256	\$3,342
Q90-50	Q90205003240403	50	39	NAT	90	TACO ECM	2" or 3"	256	\$3,410
Q90-75	Q90207503240403	75	59	NAT	90	TACO ECM	2" or 3"	256	\$3,410
Q90-100	Q90210003240403	100	78	NAT	90	TACO ECM	2" or 3"	256	\$3,410
Q90-50	Q90205003220403	50	39	NAT	90	GRUNDFOS	2" or 3"	256	\$3,410
Q90-75	Q90207503220403	75	59	NAT	90	GRUNDFOS	2" or 3"	256	\$3,410
Q90-100	Q90210003220403	100	78	NAT	90	GRUNDFOS	2" or 3"	256	\$3,410

Q90-100 - LP

Q90-50	Q90205013200403	50	39	LP	90	LESS	2" or 3"	256	\$3,342
Q90-75	Q90207513200403	75	59	LP	90	LESS	2" or 3"	256	\$3,342
Q90-100	Q90210013200403	100	78	LP	90	LESS	2" or 3"	256	\$3,342
Q90-50	Q90205013240403	50	39	LP	90	TACO ECM	2" or 3"	256	\$3,410
Q90-75	Q90207513240403	75	59	LP	90	TACO ECM	2" or 3"	256	\$3,410
Q90-100	Q90210013240403	100	78	LP	90	TACO ECM	2" or 3"	256	\$3,410
Q90-50	Q90205013220403	50	39	LP	90	GRUNDFOS	2" or 3"	256	\$3,410
Q90-75	Q90207513220403	75	59	LP	90	GRUNDFOS	2" or 3"	256	\$3,410
Q90-100	Q90210013220403	100	78	LP	90	GRUNDFOS	2" or 3"	256	\$3,410

Q90-100 (Use Parts Multiplier for All of the Following)

Model	Item Number	Description	Trade Price
Q90	29571	CONCENTRIC VENT KIT 3"	\$240
Q90	29570	CONCENTRIC VENT KIT 2"	\$240
Q90-50	550002631	CONVERSION KIT NAT. TO LP UB90-50 (Series IV) 0' - 10,000'	\$83
Q90-75	550002629	CONVERSION KIT NAT. TO LP UB90-75 (Series IV) 5,000' - 10,000'	\$83
Q90-75	550002630	CONVERSION KIT NAT. TO LP UB90-75 (Series IV) 0' - 5,000'	\$83
Q90-100	550002700	CONVERSION KIT NAT. TO LP UB90-100 (Series IV) 0' - 10,000'	\$83
Q90-50	550002635	CONVERSION KIT LP TO NAT. UB90-50 (Series IV) 0' - 10,000'	\$83
Q90-75	550002634	CONVERSION KIT LP TO NAT. UB90-75 (Series IV) 0' - 10,000'	\$83
Q90-100	550002701	CONVERSION KIT LP TO NAT. UB90-100 (Series IV) 0' - 10,000'	\$83
Q90	14624002	FILL-TROL #110 FOR WATER BOILERS 150 MBH OR LESS	\$321



HELIX VLT Stainless Steel Wall Hung Heating Boilers

- MBH Input 50 - 200 (CH)
- 95% AFUE
Recognized as ENERGY STAR® Most Efficient of 2020
- Patented High-grade 316L/444 Stainless Steel Fin Coil Heat Exchanger
Patent No. 10,012,413
- Argus Vision Control
- Built-In Primary/Secondary Piping
- Built-In Low Water Cut Off
- 5:1 Turn Down Ratio
- Low Maintenance, Self-Cleaning Vertical Heat Exchanger
- Wall mounted, Bracket Included



Clearances	Combustible Materials ⁽¹⁾	Service ⁽²⁾
Top	0" (0 mm)	14" (360 mm)
Left	0" (0 mm)	0" (0 mm)
Right	0" (0 mm)	0" (0 mm)
Front	0" (0 mm)	6" (160 mm)
Back	0" (0 mm)	0" (0 mm)
Bottom	0" (0 mm)	12" (320 mm)
Combustion Air/Vent Piping	0" (0 mm)	6" (160 mm)

(1) Required distances measured from boiler.
 (2) Proper operation clearance recommended.

General Information (See IOM for Complete Instructions)					
Model	VLT-050	VLT-075	VLT-100	VLT-150	VLT-200
Water Return/Supply	1 1/4" NPT			1 1/4" NPT	
Gas	1/2" NPT			3/4" NPT	
Condensate Drain	3/4" NPT			3/4" NPT	
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)				
Water Content (Gallons)	1.1			1.8	
Dimensions	Height	32"			43"
	Width	20"			23"
	Depth	14 3/4"			16"
Weight	91 lbs			157 lbs	

HELIX VLT - Stainless Steel Wall Hung Heating Boilers

Model	Item Number	Input MBH	AHRI Net MBH	Fuel	AFUE%	Pump	Flue Dia.	Shp. Wgt. lbs	Trade Price
DKVLT-50	VLT105003500203	50	40	NAT	95	LESS	2"	111	\$4,059
DKVLT-75	VLT107503500203	75	60	NAT	95	LESS	2" or 3"	111	\$4,138
DKVLT-100	VLT110003500203	100	79	NAT	95	LESS	2" or 3"	111	\$4,330
DKVLT-150	VLT115003500203	150	121	NAT	95	LESS	3"	182	\$5,465
DKVLT-200	VLT120003500203	200	161	NAT	95	LESS	3"	182	\$5,836
DKVLT-50	VLT105003540203	50	40	NAT	95	TACO ECM	2" or 3"	111	\$4,201
DKVLT-75	VLT107503540203	75	60	NAT	95	TACO ECM	2" or 3"	111	\$4,280
DKVLT-100	VLT110003540203	100	79	NAT	95	TACO ECM	2" or 3"	111	\$4,471
DKVLT-150	VLT115003540203	150	121	NAT	95	TACO ECM	3"	182	\$5,607
DKVLT-200	VLT120003540203	200	161	NAT	95	TACO ECM	3"	182	\$5,978
DKVLT-50	VLT105003520203	50	40	NAT	95	GRUNDFOS	2"	111	\$4,201
DKVLT-75	VLT107503520203	75	60	NAT	95	GRUNDFOS	2" or 3"	111	\$4,280
DKVLT-100	VLT110003520203	100	79	NAT	95	GRUNDFOS	2" or 3"	111	\$4,471
DKVLT-150	VLT115003520203	150	121	NAT	95	GRUNDFOS	3"	182	\$5,607
DKVLT-200	VLT120003520203	200	161	NAT	95	GRUNDFOS	3"	182	\$5,978

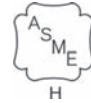
HELIX VLT - High Altitude*

DKVLT-50	VLT105003502203	50*	40*	NAT	95	LESS	2" or 3"	111	\$4,059
DKVLT-75	VLT107503502203	75*	60*	NAT	95	LESS	2" or 3"	111	\$4,138
DKVLT-100	VLT110003502203	100*	79*	NAT	95	LESS	2" or 3"	111	\$4,330
DKVLT-150	VLT115003502203	150*	121*	NAT	95	LESS	3"	182	\$5,465
DKVLT-200	VLT120003502203	200*	161*	NAT	95	LESS	3"	182	\$5,836
DKVLT-50	VLT105003542203	50*	40*	NAT	95	TACO ECM	2"	111	\$4,201
DKVLT-75	VLT107503542203	75*	60*	NAT	95	TACO ECM	2" or 3"	111	\$4,280
DKVLT-100	VLT110003542203	100*	79*	NAT	95	TACO ECM	2" or 3"	111	\$4,471
DKVLT-150	VLT115003542203	150*	121*	NAT	95	TACO ECM	3"	182	\$5,607
DKVLT-200	VLT120003542203	200*	161*	NAT	95	TACO ECM	3"	182	\$5,978
DKVLT-50	VLT105003522203	50*	40*	NAT	95	GRUNDFOS	2"	111	\$4,201
DKVLT-75	VLT107503522203	75*	60*	NAT	95	GRUNDFOS	2" or 3"	111	\$4,280
DKVLT-100	VLT110003522203	100*	79*	NAT	95	GRUNDFOS	2" or 3"	111	\$4,471
DKVLT-150	VLT115003522203	150*	121*	NAT	95	GRUNDFOS	3"	182	\$5,607
DKVLT-200	VLT120003522203	200*	161*	NAT	95	GRUNDFOS	3"	182	\$5,978

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

HELIX VLT (Use Parts Multiplier for All of the Following)

Model	Item Number	Description	Trade Price
DKVLT-50	550002303	050 NATURAL TO LP AND LP TO NATURAL GAS CONVERSION KIT	\$50
DKVLT-75	550002304	075 NATURAL TO LP AND LP TO NATURAL GAS CONVERSION KIT	\$50
DKVLT-100	550002305	100 NATURAL TO LP AND LP TO NATURAL GAS CONVERSION KIT	\$50
DKVLT-150	550002306	150 NATURAL TO LP AND LP TO NATURAL GAS CONVERSION KIT	\$50
DKVLT-200	550002307	200 NATURAL TO LP AND LP TO NATURAL GAS CONVERSION KIT	\$50
VLT SERIES	29570	2" CONCENTRIC VENT KIT	\$240
VLT SERIES	29571	3" CONCENTRIC VENT KIT	\$240
VLT SERIES	550002186	MULTIPLE BOILER SENSOR KIT	\$86
VLT SERIES	240010266	FLOOR STAND KIT	\$648



DMG-240 Stainless Steel Wall Hung Heating Boilers

- MBH Input 241 (CH)
- 95% AFUE
Recognized as ENERGY STAR® Most Efficient of 2020
- 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



Clearances	Combustible Materials ⁽¹⁾	Service ⁽²⁾
Top	0" (0 mm)	11 13/16" (300 mm)
Left	1 3/4" (45 mm)	1 3/4" (45 mm)
Right	1 3/4" (45 mm)	1 3/4" (45 mm)
Front	1 3/4" (45 mm)	17 3/4" (450 mm)
Back	0" (0 mm)	0" (0 mm)
Bottom	0" (0 mm)	9 7/8" (250 mm) ⁽³⁾
Combustion Air/Vent Piping	0" (0 mm)	6" (160 mm)

- (1) Required distances measured from boiler.
 (2) Proper operation clearance recommended.
 (3) Allowance for piping at the bottom of boiler not included.

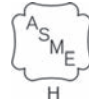
General Information (See IOM for Complete Instructions)		
Model	DMG-240	
Water Return/Supply	1"	
Gas	3/4" NPT	
Condensate Drain	3/4" NPT	
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)	
Water Content (Gallons)	.8	
Dimensions	Height	31 1/16"
	Width	17 3/4"
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

DMG 240 - Stainless Steel Wall Hung Heating Boilers

Model	Item Number	Input MBH	AHRI Net MBH	Fuel	AFUE%	Pump	Shp. Wgt. lbs	Trade Price
DMG-240	DMG124000600103	241	216	NAT	95	LESS	120	\$6,004

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	\$254
DMG-240	550003323	MANUAL RESET LWCO KIT	\$244
DMG-240	550003332	CSD-1 KIT (INCLUDES HIGH LIMIT AND MANUAL RESET LWCO)	\$498
DMG-240	550003354	COMMON VENTING CHECK VALVE KIT	\$357
DMG-240	550003316	LP CONVERSION KIT	\$163
DMG-240	BD710487302V	OUTDOOR AIR SENSOR	\$36
DMG-240	550003189	DHW SENSOR KIT	\$78
DMG-240	550003304	FLOOR BASE KIT	\$503



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



Clearances	Combustible Materials ⁽¹⁾	Service ⁽²⁾
Top	0" (0 mm)	15 3/4" (400 mm)
Left	1 3/4" (45 mm)	1 3/4" (45 mm)
Right	1 3/4" (45 mm)	1 3/4" (45 mm)
Front	1 3/4" (45 mm)	17 3/4" (450 mm)
Back	0" (0 mm)	0" (0 mm)
Bottom	0" (0 mm)	9 7/8" (250 mm) ⁽³⁾
Combustion Air/Vent Piping	0" (0 mm)	6" (160 mm)

- (1) Required distances measured from boiler.
 (2) Proper operation clearance recommended.
 (3) Allowance for piping at the bottom of boiler not included.

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	Height	50"
	Width	23 5/8"
	Depth	25 1/2"
Weight	225 lbs	

DMG 380 - Stainless Steel Floor Standing Heating Boilers

Model	Item Number	Input MBH	AHRI Net MBH	Fuel	AFUE%	Pump	Shp. Wgt. lbs	Trade Price
DMG-380	DMG138000600103	379	303	NAT	95	LESS	225	\$9,444

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	\$254
DMG-380	550003323	MANUAL RESET LWCO KIT	\$244
DMG-380	550003332	CSD-1 KIT (INCLUDES HIGH LIMIT AND MANUAL RESET LWCO)	\$498
DMG-380	550003354	COMMON VENTING CHECK VALVE KIT	\$357
DMG-380	550003317	LP CONVERSION KIT	\$163
DMG-380	BD710487302V	OUTDOOR AIR SENSOR	\$36
DMG-380	550003189	DHW SENSOR KIT	\$78



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



Staging Control			
Model	Item Number	Description	Trade Price
AMB4B	AMB4BDK	MULTIPLE BOILER CONTROL (MBC) ON/OFF CONTROL: INCLUDES (2) WATER TEMPERATURE SENSOR, (1) OUTDOOR SENSOR	\$1,207
Additional Accessories			
AMB4B	240012663	WATER TEMPERATURE SENSOR	\$95
AMB4B	240012664	OUTDOOR SENSOR	\$95




















ARGO Wi-Fi Thermostat

- Remote access and monitoring
- Improved serviceability. Having your installer connected provides better service
- Enjoy comfort, energy savings and lower utility bills
- Connect to compatible Dunkirk Boilers for additional benefits and monitoring capabilities
- Connect to multiple smartphones
- Control multiple thermostats from a single smartphone or tablet
- Switch between manual and schedule modes
- Ability to lock thermostat settings
- Display Setting can be set to Fahrenheit (°F) or Celsius (°C)




Wi-Fi Thermostats			
Model	Item Number	Description	Trade Price
ARGO	550003641DK	ARGO WI-FI THERMOSTAT	\$322

VENTING







Coaxial Venting (Use Parts Multiplier for All of the Following)											
125/150	165/205	Q90-100	VL7NX	97GB	DMG 240	DMG 380		Image	Item Number	Description	Trade Price
X									KUG714059511	2"x4" (60/110mm)COAXIAL PIPE 3.28' (1m) L	\$40
X									KUG714059611	2"x4" (60/110mm)HORIZONTAL VENT TERM	\$49
X									KUG714059711	2"x4" (60/110mm)COAXIAL 90 ELBOWS	\$30
X									KUG714059811	2"x4" (60/110mm)COAXIAL 45 ELBOWS	\$30
X									KUG714135812	2"x4" (60/110mm)VERTICAL VENT TERM	\$117
	X				X				KHG714088512	3"x5" (80/125mm)COAXIAL PIPE 3.28' (1m) L	\$58
	X				X				KHG714088712	3"x5" (80/125mm)COAXIAL 90 ELBOWS	\$29
	X				X				KHG714088812	3"x5" (80/125mm)COAXIAL 45 ELBOWS	\$31
	X				X				KHG714088911	3"x5" (80/125mm)HORIZONTAL VENT TERM	\$66
	X				X				KHG714093512	3"x5" (80/125mm)VERTICAL VENT TERM	\$91
		X	X	X					29570	2" CONCENTRIC VENT KIT	\$240
		X	X	X					29571	3" CONCENTRIC VENT KIT	\$240
						X			KUG714133311	4"x6" (110/160mm)HORIZONTAL VENT TERM	\$242
						X			KUG714133411	4"x6" (110/160mm)VERTICAL VENT TERM	\$307
						X			KUG714133511	4"x6" (110/160mm)COAXIAL 45 ELBOWS	\$85
						X			KUG714133611	4"x6" (110/160mm)COAXIAL 90 ELBOWS	\$85
						X			KUG714133811	4"x6" (110/160mm)COAXIAL PIPE 3.28' (1m) L	\$118

VENTING

Twin Pipe Polypropylene Venting (Use Parts Multiplier for All of the Following)

125/150	165/205	Q90-100	VLTVX	97GB	DMG 240	DMG 380	Image	Item Number	Description	Trade Price
X								KHG714059113	2" (60/100mm)CONCENTRIC TO TWIN PIPE AD.	\$17
X	X				X			550003416	3" (80mm)VENTING CLAMP SINGLE WALL	\$37
X	X				X			550003452	3" (80mm)CLAMSHELL CLAMP (5PK)	\$36
X	X				X			KUG714132010	3" (80mm)HORIZONTAL VENT TERM	\$20
X	X				X			KUG714132110	3" (80mm)VERTICAL VENT TERM	\$48
X	X				X			550003734	3" (80mm)POLYPROPYLENE 45 ELBOWS W/ CLAMP	\$15
X	X				X			550003735	3" (80mm)POLYPROPYLENE 90 ELBOWS W/ CLAMP	\$15
X	X				X			550003767	3" (80mm)POLYPROPYLENE PIPE 3.28' (1m) L W/ CLAMP	\$22
	X				X			KHG714089010	3" (80/125mm)CONCENTRIC TO TWIN PIPE AD.	\$40
					X			550003453	4" (110mm)CLAMSHELL CLAMP (5PK)	\$48
					X			BD7106314V	4" (110/160mm)CONCENTRIC TO TWIN PIPE AD.	\$128
					X			KUG714132710	4" (110mm)HORIZONTAL VENT TERM	\$123
					X			KUG714132810	4" (110mm)VERTICAL VENT TERM	\$112
					X			550003731	4" (110mm)POLYPROPYLENE 45 ELBOWS W/ CLAMP	\$32
					X			550003732	4" (110mm)POLYPROPYLENE 90 ELBOWS W/ CLAMP	\$32
					X			550003733	4" (110mm)POLYPROPYLENE PIPE 3.28' (1m) L W/ CLAMP	\$45

VENTING

Twin Pipe CPVC Venting (Use Parts Multiplier for All of the Following)								Image	Item Number	Description	Trade Price
X									550003184	TWIN PIPE ADAPTER 60MM TO CPVC 3"	\$58
	X				X				550003403	TWIN PIPE ADAPTER 80MM TO CPVC 3"	\$108
		X							14631702	2" CPVC 45° ELBOW	\$42
		X							240009663	2" CPVC 90° ELBOW	\$29
		X							240006819	2" CPVC TEE, SCHEDULE 80	\$40
		X							240006822	2" CPVC COUPLING	\$26

DWB Copper Wall Hung Combi & Heating Boilers

- MBH Input 50-150 (CH) / 150 (DHW)
- 85% AFUE
- LABOR SAVER™ Primary/Secondary Manifold Included
- Wall Hung or Floor Base Kit Available
- Chimney or Horizontal Vent
- Advanced Controls - Digital Display with temperature indication, diagnostics and status symbols showing: Heating mode, Burner On and Burner Modulation Level
- Combi Model: Stainless Steel Brazed Plate Heat Exchanger for potable domestic hot water



Shown with optional floor base kit

Clearances	Combustible Materials ⁽¹⁾	Service ⁽²⁾
Top	16" (410 mm)	16" (410 mm)
Left	0" (0 mm)	1" (30 mm)
Right	0" (0 mm)	1" (30 mm)
Front	0" (0 mm)	1" (30 mm)
Back	0" (0 mm)	0" (0 mm)
Bottom	0" (0 mm)	12" (300 mm)
Combustion Air/Piping	0" (0 mm)	3/8" (10 mm)
Vent Piping	6" (150 mm)	6" (150 mm)

(1) Required distances measured from boiler.
 (2) Proper operation clearance recommended.

General Information (See IOM for Complete Instructions)				
Model	CCB-150	CHB-150	CHB-130	CHB-100
Water Return/Supply	3/4"	3/4"	3/4"	3/4"
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	3/4" NPT	Indirect Tank Connection: 3/4" Capped		
DHW Inlet	3/4" NPT	Indirect Tank Connection: 3/4" Capped		
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)			
Water Content (Gallons)	.396	.396	.317	.211
Dimensions	Height	27 9/16"	27 9/16"	27 9/16"
	Width	17 23/32"	17 23/32"	15 3/4"
	Depth	13"	13"	15 3/4"
Weight	74 lbs	69 lbs	65 lbs	61 lbs

DWB - Copper Wall Hung Combi or Heating Boilers

Model	Item Number	Type	Input MBH	AHRI Net MBH	Fuel	AFUE %	Pump	Shp. Wgt. lbs	Chimney Cat. I	Side Wall Cat. III	Shp. Wgt. lbs	Trade Price
CCB150	CCB0150000103	COMBI	150	110	NAT	85	LESS	78	4"	3"	74	\$2,319
CHB100	CHB0100000103	HEATING	100	73	NAT	85	LESS	65	4"	3"	61	\$1,794
CHB130	CHB0130000103	HEATING	130	96	NAT	85	LESS	69	4"	3"	65	\$1,990
CHB150	CHB0150000103	HEATING	150	110	NAT	85	LESS	73	4"	3"	69	\$2,105

DWB (Use Parts Multiplier for All of the Following)

Model	Item Number	Description	Trade Price
CCB/CHB150	FE3980C150	NATURAL TO LP CONVERSION KIT (CCB150 & CHB-150)	\$74
CHB100	FE3980C300	NATURAL TO LP CONVERSION KIT (CHB100)	\$66
CHB130	FE3980B950	NATURAL TO LP CONVERSION KIT (CHB130)	\$68
CUB SERIES	5612601	DIRECT VENT KIT	\$156
CUB SERIES	FE013018X0	OUTSIDE AIR SENSOR	\$33
CUB SERIES	550002958	DHW SENSOR KIT	\$60
CUB SERIES	240010266	FLOOR STAND KIT	\$648
CHB100/130	550003450	CHB 100/130 FLOOR BASE KIT	\$357
CCB/CHB150	550003451	CCB/CHB 150 FLOOR BASE KIT	\$357

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

- MBH Input 42.5-225 (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



Clearances	Combustible Materials ⁽¹⁾
Top	6" (152 mm)
Left	6" (152 mm)
Right (Control Side)	8" (204 mm)
Front (Alcove)*	18" (457 mm)
Back	6" (152 mm)
Near Boiler Piping	1" (24 mm)
Flue/Vent Connector	6" (152 mm)

PLEASE NOTE: All installations on a combustible floor require a combustible floor base.

(1) Required distances measured from boiler.

* Definition of Alcove is three sided space with no wall in front of boiler. ANSI standard for alcove is 18 inches from appliance to leading edge of side walls as shown in IOM.

General Information (See IOM for Complete Instructions)							
Model	XEB-2	XEB-3	XEB-4	XEB-5	XEB-6	XEB-7	
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	8.00	
Dimensions	Height	29"	29"	29"	29"	29"	29"
	Width	11"	14 1/4"	17 1/2"	20 3/4"	24"	27 1/4"
	Depth	23 1/4"	23 1/4"	23 1/4"	23 1/4"	23 1/4"	23 1/4"
Weight	225 lbs	265 lbs	322 lbs	370 lbs	431 lbs	480 lbs	

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

Model	Item Number	Fuel	Input MBH	Htg. Cap. MBH	AHRI Net MBH	Pump	AFUE %	Chimney Cat. I	Side Wall Cat. III	Shp. Wgt. Lbs	Trade Price
XEB-2	XEB204203100203	NAT	42.5	36	31	LESS	84.4	4"	3"	225	\$2,314
XEB-3	XEB307503100203	NAT	75	63	55	LESS	83.4	4"	3"	265	\$2,619
XEB-4	XEB411203100203	NAT	112.5	94	82	LESS	83	4"	3"	322	\$2,894
XEB-5	XEB515003100203	NAT	150	125	109	LESS	82.7	4"	3"	370	\$3,252
XEB-6	XEB618703100203	NAT	187.5	155	135	LESS	82.3	4"	4"	431	\$3,818
XEB-7	XEB722503100203	NAT	225	186	162	LESS	82	4"	4"	480	\$4,198
XEB-2	XEB204203140203	NAT	42.5	36	31	TACO ECM	84.4	4"	3"	225	\$2,396
XEB-3	XEB307503140203	NAT	75	63	55	TACO ECM	83.4	4"	3"	265	\$2,699
XEB-4	XEB411203140203	NAT	112.5	94	82	TACO ECM	83	4"	3"	322	\$2,975
XEB-5	XEB515003140203	NAT	150	125	109	TACO ECM	82.7	4"	3"	370	\$3,331
XEB-6	XEB618703140203	NAT	187.5	155	135	TACO ECM	82.3	4"	4"	431	\$3,904
XEB-7	XEB722503140203	NAT	225	186	162	TACO ECM	82	4"	4"	480	\$4,278
XEB-2	XEB204203120203	NAT	42.5	36	31	GRUNDFOS	84.4	4"	3"	225	\$2,396
XEB-3	XEB307503120203	NAT	75	63	55	GRUNDFOS	83.4	4"	3"	265	\$2,699
XEB-4	XEB411203120203	NAT	112.5	94	82	GRUNDFOS	83	4"	3"	322	\$2,975
XEB-5	XEB515003120203	NAT	150	125	109	GRUNDFOS	82.7	4"	3"	370	\$3,331
XEB-6	XEB618703120203	NAT	187.5	155	135	GRUNDFOS	82.3	4"	4"	431	\$3,904
XEB-7	XEB722503120203	NAT	225	186	162	GRUNDFOS	82	4"	4"	480	\$4,278
XEB-2	XEB204203130203	NAT	42.5	36	31	B&G	84.4	4"	3"	225	\$2,396
XEB-3	XEB307503130203	NAT	75	63	55	B&G	83.4	4"	3"	265	\$2,699
XEB-4	XEB411203130203	NAT	112.5	94	82	B&G	83	4"	3"	322	\$2,975
XEB-5	XEB515003130203	NAT	150	125	109	B&G	82.7	4"	3"	370	\$3,331
XEB-6	XEB618703130203	NAT	187.5	155	135	B&G	82.3	4"	4"	431	\$3,904
XEB-7	XEB722503130203	NAT	225	186	162	B&G	82	4"	4"	480	\$4,278
XEB II - LP											
XEB-2	XEB204213100203	LP	42.5	36	31	LESS	84.4	4"	3"	225	\$2,369
XEB-3	XEB307513100203	LP	75	63	55	LESS	83.4	4"	3"	265	\$2,675
XEB-4	XEB411213100203	LP	112.5	94	82	LESS	83	4"	3"	322	\$2,949
XEB-5	XEB515013100203	LP	150	125	109	LESS	82.7	4"	3"	370	\$3,307
XEB-6	XEB618713100203	LP	187.5	155	135	LESS	82.3	4"	4"	431	\$3,874
XEB-7	XEB722513100203	LP	225	186	162	LESS	82	4"	4"	480	\$4,253
XEB-2	XEB204213140203	LP	42.5	36	31	TACO ECM	84.4	4"	3"	225	\$2,450
XEB-3	XEB307513140203	LP	75	63	55	TACO ECM	83.4	4"	3"	265	\$2,754
XEB-4	XEB411213140203	LP	112.5	94	82	TACO ECM	83	4"	3"	322	\$3,030
XEB-5	XEB515013140203	LP	150	125	109	TACO ECM	82.7	4"	3"	370	\$3,387
XEB-6	XEB618713140203	LP	187.5	155	135	TACO ECM	82.3	4"	4"	431	\$3,959
XEB-7	XEB722513140203	LP	225	186	162	TACO ECM	82	4"	4"	480	\$4,333
XEB-2	XEB204213120203	LP	42.5	36	31	GRUNDFOS	84.4	4"	3"	225	\$2,450
XEB-3	XEB307513120203	LP	75	63	55	GRUNDFOS	83.4	4"	3"	265	\$2,754
XEB-4	XEB411213120203	LP	112.5	94	82	GRUNDFOS	83	4"	3"	322	\$3,030
XEB-5	XEB515013120203	LP	150	125	109	GRUNDFOS	82.7	4"	3"	370	\$3,387
XEB-6	XEB618713120203	LP	187.5	155	135	GRUNDFOS	82.3	4"	4"	431	\$3,959
XEB-7	XEB722513120203	LP	225	186	162	GRUNDFOS	82	4"	4"	480	\$4,333

XEB II - Cast-Iron Induced Draft Chimney/Side Wall Vented Boilers (Cont.)

Model	Item Number	Fuel	Input MBH	Htg. Cap. MBH	AHRI Net MBH	Pump	AFUE %	Chimney Cat. I	Side Wall Cat. III	Shp. Wgt. Lbs	Trade Price
XEB-2	XEB204213130203	LP	42.5	36	31	B&G	84.4	4"	3"	225	\$2,450
XEB-3	XEB307513130203	LP	75	63	55	B&G	83.4	4"	3"	265	\$2,754
XEB-4	XEB411213130203	LP	112.5	94	82	B&G	83	4"	3"	322	\$3,030
XEB-5	XEB515013130203	LP	150	125	109	B&G	82.7	4"	3"	370	\$3,387
XEB-6	XEB618713130203	LP	187.5	155	135	B&G	82.3	4"	4"	431	\$3,959
XEB-7	XEB722513130203	LP	225	186	162	B&G	82	4"	4"	480	\$4,333

XEB II - High Altitude*

XEB-2	XEB204203142203	NAT	42.5*	36*	31*	TACO ECM	84.4	4"	3"	225	\$2,396
XEB-3	XEB307503142203	NAT	75*	63*	55*	TACO ECM	83.4	4"	3"	265	\$2,699
XEB-4	XEB411203142203	NAT	112.5*	94*	82*	TACO ECM	83	4"	3"	322	\$2,975
XEB-5	XEB515003142203	NAT	150*	125*	109*	TACO ECM	82.7	4"	3"	370	\$3,331
XEB-6	XEB618703142203	NAT	187.5*	155*	135*	TACO ECM	82.3	4"	4"	431	\$3,904
XEB-7	XEB722503142203	NAT	225*	186*	162*	TACO ECM	82	4"	4"	480	\$4,278
XEB-2	XEB204203122203	NAT	42.5*	36*	31*	GRUNDFOS	84.4	4"	3"	225	\$2,396
XEB-3	XEB307503122203	NAT	75*	63*	55*	GRUNDFOS	83.4	4"	3"	265	\$2,699
XEB-4	XEB411203122203	NAT	112.5*	94*	82*	GRUNDFOS	83	4"	3"	322	\$2,975
XEB-5	XEB515003122203	NAT	150*	125*	109*	GRUNDFOS	82.7	4"	3"	370	\$3,331
XEB-6	XEB618703122203	NAT	187.5*	155*	135*	GRUNDFOS	82.3	4"	4"	431	\$3,904
XEB-7	XEB722503122203	NAT	225*	186*	162*	GRUNDFOS	82	4"	4"	480	\$4,278

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

XEB II (Use Parts Multiplier for All of the Following)

Model	Item Number	Description	Trade Price
XEB	550002722	NATURAL TO LP CONVERSION KIT (ALL SIZES)	\$91
XEB	43300660	LP TO NATURAL CONVERSION KIT (ALL SIZES)	\$100
XEB	14629014	4" THIMBLE (SIMPSON #915295)	\$44
XEB (2-5)	14629010	TJERNLUND VH-1-3" SIDE WALL VENT HOOD (XEB-2 TO XEB-5)	\$253
XEB (6-7)	14629011	TJERNLUND VH-1-4" SIDE WALL VENT HOOD (XEB-6 & XEB-7)	\$301
XEB (2-5)	14624002	FILL-TROL #110 FOR WATER BOILERS 150 MBH OR LESS	\$321
XEB (6-7)	14624003	FILL-TROL #111 FOR WATER BOILERS OVER 150 MBH	\$445

COMBUSTIBLE FLOOR REQUIREMENTS:

PLEASE NOTE: A central heating boiler shall be installed in accordance with the instructions manual in the following manner. Boilers cannot be installed on carpeting with or without the base or any combustible flooring.

A) For installations on combustible flooring a special base MUST be used per the manufacturer and NFPA 54 / ANSI Z223.1, 2015 Edition, section 10.3.3.

Equipment must be installed on a fire-resistive slab or 4 inch (1000 mm) minimum cinder block, unsealed and joints matched for air circulation or equivalent 2-hour fire rated assembly, covered with sheet metal 0.0195 (0.50 mm) minimum thickness.

**This page is intentionally left blank,
products continue on the following page.**

DXL Cast-Iron Chimney Vented Boilers

- MBH Input 50-200 (CH)
- Up to 83.5% 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
- Control monitors water temperature and delays burner start until residual heat has been transferred to the system for maximum efficiency.



Clearances	Combustible Materials ⁽¹⁾
Top	18" (457 mm)
Left	3" (76 mm)
Right (Control Side)	9" (229 mm)
Front (Alcove)*	18" (457 mm)
Back	4" (102 mm)
Flue/Vent Connector	6" (152 mm)

PLEASE NOTE: All installations on a combustible floor require a combustible floor base.

(1) Required distances measured from boiler.

* Definition of Alcove is three sided space with no wall in front of boiler. ANSI standard for alcove is 18 inches from appliance to leading edge of side walls as shown in IOM.

General Information (See IOM for Complete Instructions)							
Model	DXL-50	DXL-75	DXL-100	DXL-125	DXL-150	DXL-170	DXL-200
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)	2.4	4.0	4.0	5.6	5.6	7.2	7.2
Dimensions	Height	30 3/4"	30 3/4"	30 3/4"	30 3/4"	30 3/4"	30 3/4"
	Width	11 1/8"	15"	15"	18 7/8"	18 7/8"	22 3/4"
	Depth	27"	27"	27"	27"	27"	27"
Weight, lbs	205	253	253	315	315	377	377

DXL - Cast-Iron Chimney Vented Boilers

Model	Item Number	Fuel	Input MBH	Htg. Cap. MBH	AHRI Net MBH	Pump	AFUE%	No. of Brns.	Shp. Wgt. lbs	Trade Price
DXL-50	DXL205003200203	NAT	50	52	37	LESS	83.5	1	205	\$2,168
DXL-75	DXL307503200203	NAT	75	63	55	LESS	83.1	2	253	\$2,434
DXL-100	DXL310003200203	NAT	100	83	72	LESS	83	2	253	\$2,547
DXL-125	DXL412503200203	NAT	125	104	90	LESS	82	3	315	\$2,768
DXL-150	DXL415003200203	NAT	150	124	108	LESS	83	3	315	\$2,881
DXL-170	DXL517003200203	NAT	170	139	121	LESS	82	4	377	\$3,397
DXL-200	DXL520003200203	NAT	200	165	143	LESS	82	4	377	\$3,604
DXL-50	DXL205003240203	NAT	50	52	37	TACO ECM	83.5	1	205	\$2,247
DXL-75	DXL307503240203	NAT	75	63	55	TACO ECM	83.1	2	253	\$2,514
DXL-100	DXL310003240203	NAT	100	83	72	TACO ECM	83	2	253	\$2,628
DXL-125	DXL412503240203	NAT	125	104	90	TACO ECM	82	3	315	\$2,849
DXL-150	DXL415003240203	NAT	150	124	108	TACO ECM	83	3	315	\$2,962
DXL-170	DXL517003240203	NAT	170	139	121	TACO ECM	82	4	377	\$3,477
DXL-200	DXL520003240203	NAT	200	165	143	TACO ECM	82	4	377	\$3,683
DXL-50	DXL205003220203	NAT	50	52	37	GRUNDFOS	83.5	1	205	\$2,247
DXL-75	DXL307503220203	NAT	75	63	55	GRUNDFOS	83.1	2	253	\$2,514
DXL-100	DXL310003220203	NAT	100	83	72	GRUNDFOS	83	2	253	\$2,628
DXL-125	DXL412503220203	NAT	125	104	90	GRUNDFOS	82	3	315	\$2,849
DXL-150	DXL415003220203	NAT	150	124	108	GRUNDFOS	83	3	315	\$2,962
DXL-170	DXL517003220203	NAT	170	139	121	GRUNDFOS	82	4	377	\$3,477
DXL-200	DXL520003242203	NAT	200	165	143	GRUNDFOS	82	4	377	\$3,683
DXL-50	DXL205003230203	NAT	50	52	37	B&G	83.5	1	205	\$2,247
DXL-75	DXL307503230203	NAT	75	63	55	B&G	83.1	2	253	\$2,514
DXL-100	DXL310003230203	NAT	100	83	72	B&G	83	2	253	\$2,628
DXL-125	DXL412503230203	NAT	125	104	90	B&G	82	3	315	\$2,849
DXL-150	DXL415003230203	NAT	150	124	108	B&G	83	3	315	\$2,962
DXL-170	DXL517003230203	NAT	170	139	121	B&G	82	4	377	\$3,477
DXL-200	DXL520003230203	NAT	200	165	143	B&G	82	4	377	\$3,683
DXL - LP										
DXL-50	DXL205013200203	LP	50	52	37	LESS	83.5	1	205	\$2,225
DXL-75	DXL307513200203	LP	75	63	55	LESS	83.1	2	253	\$2,488
DXL-100	DXL310013200203	LP	100	83	72	LESS	83	2	253	\$2,603
DXL-125	DXL412513200203	LP	125	104	90	LESS	82	3	315	\$2,823
DXL-150	DXL415013200203	LP	150	124	108	LESS	83	3	315	\$2,937
DXL-170	DXL517013200203	LP	170	139	121	LESS	82	4	377	\$3,453
DXL-200	DXL520013200203	LP	200	165	143	LESS	82	4	377	\$3,659
DXL-50	DXL205013240203	LP	50	52	37	TACO ECM	83.5	1	205	\$2,302
DXL-75	DXL307513240203	LP	75	63	55	TACO ECM	83.1	2	253	\$2,570
DXL-100	DXL310013240203	LP	100	83	72	TACO ECM	83	2	253	\$2,683
DXL-125	DXL412513240203	LP	125	104	90	TACO ECM	82	3	315	\$2,904
DXL-150	DXL415013240203	LP	150	124	108	TACO ECM	83	3	315	\$3,017
DXL-170	DXL517013240203	LP	170	139	121	TACO ECM	82	4	377	\$3,533
DXL-200	DXL520013240203	LP	200	165	143	TACO ECM	82	4	377	\$3,739

DXL - Cast-Iron Chimney Vented Boilers										
Model	Item Number	Fuel	Input MBH	Htg. Cap. MBH	AHRI Net MBH	Pump	AFUE%	No. of Brns.	Shp. Wgt. lbs	Trade Price
DXL-50	DXL205013220203	LP	50	52	37	GRUNDFOS	83.5	1	205	\$2,302
DXL-75	DXL307513220203	LP	75	63	55	GRUNDFOS	83.1	2	253	\$2,570
DXL-100	DXL310013220203	LP	100	83	72	GRUNDFOS	83	2	253	\$2,683
DXL-125	DXL412513220203	LP	125	104	90	GRUNDFOS	82	3	315	\$2,904
DXL-150	DXL415013220203	LP	150	124	108	GRUNDFOS	83	3	315	\$3,017
DXL-170	DXL517013220203	LP	170	139	121	GRUNDFOS	82	4	377	\$3,533
DXL-200	DXL520013220203	LP	200	165	143	GRUNDFOS	82	4	377	\$3,739
DXL-50	DXL205013230203	LP	50	52	37	B&G	83.5	1	205	\$2,302
DXL-75	DXL307513230203	LP	75	63	55	B&G	83.1	2	253	\$2,570
DXL-100	DXL310013230203	LP	100	83	72	B&G	83	2	253	\$2,683
DXL-125	DXL412513230203	LP	125	104	90	B&G	82	3	315	\$2,904
DXL-150	DXL415013230203	LP	150	124	108	B&G	83	3	315	\$3,017
DXL-170	DXL517013230203	LP	170	139	121	B&G	82	4	377	\$3,533
DXL-200	DXL520013230203	LP	200	165	143	B&G	82	4	377	\$3,739
DXL - High Altitude*										
DXL-50	DXL205003242203	NAT	50*	52*	37*	TACO ECM	83.5	1	205	\$2,247
DXL-75	DXL307503242203	NAT	75*	63*	55*	TACO ECM	83.1	2	253	\$2,514
DXL-100	DXL310003242203	NAT	100*	83*	72*	TACO ECM	83	2	253	\$2,628
DXL-125	DXL412503242203	NAT	125*	104*	90*	TACO ECM	82	3	315	\$2,849
DXL-150	DXL415003242203	NAT	150*	124*	108*	TACO ECM	83	3	315	\$2,962
DXL-170	DXL517003242203	NAT	170*	139*	121*	TACO ECM	82	4	377	\$3,477
DXL-200	DXL520003242203	NAT	200*	165*	143	TACO ECM	82	4	377	\$3,683
DXL-50	DXL205003222203	NAT	50*	52*	37*	GRUNDFOS	83.5	1	205	\$2,247
DXL-75	DXL307503222203	NAT	75*	63*	55*	GRUNDFOS	83.1	2	253	\$2,514
DXL-100	DXL310003222203	NAT	100*	83*	72*	GRUNDFOS	83	2	253	\$2,628
DXL-125	DXL412503222203	NAT	125*	104*	90*	GRUNDFOS	82	3	315	\$2,849
DXL-150	DXL415003222203	NAT	150*	124*	108*	GRUNDFOS	83	3	315	\$2,962
DXL-170	DXL517003222203	NAT	170*	139*	121*	GRUNDFOS	82	4	377	\$3,477
DXL-200	DXL520003222203	NAT	200*	165*	143*	GRUNDFOS	82	4	377	\$3,683

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

DXL (Use Parts Multiplier for All of the Following)			
Model	Item Number	Description	Trade Price
DXL	550002663	CONVERSION KIT NAT. TO LP 50,100,150,200	\$91
DXL-75	550002664	CONVERSION KIT NAT. TO LP 75	\$91
DXL	550002665	CONVERSION KIT NAT. TO LP 125,170	\$91
DXL-50	5611902	CONVERSION KIT LP TO NAT. DXL-50	\$110
DXL-75	5611903	CONVERSION KIT LP TO NAT. DXL-75	\$113
DXL-100	5611904	CONVERSION KIT LP TO NAT. DXL-100	\$113
DXL-125	5611905	CONVERSION KIT LP TO NAT. DXL-125	\$116
DXL-150	5611906	CONVERSION KIT LP TO NAT. DXL-150	\$116

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

Model	Item Number	Description	Trade Price
DXL-170	5611905	CONVERSION KIT LP TO NAT. DXL-170	\$116
DXL-200	5611908	CONVERSION KIT LP TO NAT. DXL-200	\$118
DXL	14624002	FILL-TROL #110 FOR WATER BOILERS 150 MBH OR LESS	\$321
DXL	14624003	FILL-TROL #111 FOR WATER BOILERS OVER 150 MBH	\$445
DXL-50	325-2-8.01	COMBUSTIBLE FLOOR PLATE DXL-50 ** (1)	\$235
-75,100	325-2-8.02	COMBUSTIBLE FLOOR PLATE DXL-75,100 ** (1)	\$246
-125,150	325-2-8.03	COMBUSTIBLE FLOOR PLATE DXL-125,150 ** (1)	\$269
-170,200	325-2-8.04	COMBUSTIBLE FLOOR PLATE DXL-170,200 ** (1)	\$269

****COMBUSTIBLE FLOOR REQUIREMENTS:**

PLEASE NOTE: A central heating boiler shall be installed in accordance with the instructions manual. Boilers cannot be installed on carpeting with or without the base or any combustible flooring.

(1) For installations on combustible flooring a special base part number 325-2-8.01 (1, 2, 3, 4) MUST be used and available through the distributor.

For questions on boiler placement or combustible floor requirements please call 1-800-253-7900.

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



Clearances	Combustible Materials ⁽¹⁾
Top	6" (152 mm)
Left	6" (152 mm)
Right (Control Side)	7" (178 mm)
Front (Alcove)*	18" (457 mm)
Back	6" (152 mm)
Flue/Vent Connector	6" (152 mm)
Near Boiler Piping	2" (51 mm)

PLEASE NOTE: All installations on a combustible floor require a combustible floor base.

(1) Required distances measured from boiler.

* Definition of Alcove is three sided space with no wall in front of boiler. ANSI standard for alcove is 18 inches from appliance to leading edge of side walls as shown in IOM.

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	Height	36 3/8"	36 3/8"	36 3/8"	36 3/8"	36 3/8"	36 3/8"
	Width	11 1/4"	14 1/2"	17 3/4"	21"	24 1/4"	27 1/2"
	Depth	26 1/2"	26 1/2"	26 1/2"	26 1/2"	26 1/2"	26 1/2"
Weight	315 lbs	377 lbs	453 lbs	534 lbs	601 lbs	665 lbs	750 lbs

WPSB - Cast-Iron Integral Draft Diverter Boilers

Model	Item Number	Fuel	Input MBH	Htg. Cap. MBH	AHRI Net MBH	Pump	AFUE %	Flue Dia.	Shp. Wgt. lbs	Trade Price
WPSB-3D	WPS307503200203	NAT	75	63	55	LESS	84	5"	315	\$2,627
WPSB-4D	WPS411203200203	NAT	112.5	94	82	LESS	84	6"	377	\$2,914
WPSB-5D	WPS515003200203	NAT	150	126	110	LESS	84.1	6"	453	\$3,216
WPSB-6D	WPS618703200203	NAT	187.5	157	137	LESS	84.1	7"	534	\$3,609
WPSB-7D	WPS722503200203	NAT	225	188	163	LESS	84	7"	601	\$3,949
WPSB-8D	WPS826203200203	NAT	262.5	220	191	LESS	83.9	7"	665	\$4,257
WPSB-9D	WPS929903200203	NAT	299	251	218	LESS	83.7	7"	750	\$4,919
WPSB-3D	WPS307503240203	NAT	75	63	55	TACO ECM	84	5"	315	\$2,707
WPSB-4D	WPS411203240203	NAT	112.5	94	82	TACO ECM	84	6"	377	\$2,994
WPSB-5D	WPS515003240203	NAT	150	126	110	TACO ECM	84.1	6"	453	\$3,295
WPSB-6D	WPS618703240203	NAT	187.5	157	137	TACO ECM	84.1	7"	534	\$3,689
WPSB-7D	WPS722503240203	NAT	225	188	163	TACO ECM	84	7"	601	\$4,029
WPSB-8D	WPS826203240203	NAT	262.5	220	191	TACO ECM	83.9	7"	665	\$4,337
WPSB-9D	WPS929903240203	NAT	299	251	218	TACO ECM	83.7	7"	750	\$5,000
WPSB-3D	WPS307503220203	NAT	75	63	55	GRUNDFOS	84	5"	315	\$2,707
WPSB-4D	WPS411203220203	NAT	112.5	94	82	GRUNDFOS	84	6"	377	\$2,994
WPSB-5D	WPS515003220203	NAT	150	126	110	GRUNDFOS	84.1	6"	453	\$3,295
WPSB-6D	WPS618703220203	NAT	187.5	157	137	GRUNDFOS	84.1	7"	534	\$3,689
WPSB-7D	WPS722503220203	NAT	225	188	163	GRUNDFOS	84	7"	601	\$4,029
WPSB-8D	WPS826203220203	NAT	262.5	220	191	GRUNDFOS	83.9	7"	665	\$4,337
WPSB-9D	WPS929903220203	NAT	299	251	218	GRUNDFOS	83.7	7"	750	\$5,000
WPSB-3D	WPS307503230203	NAT	75	63	55	B&G	84	5"	315	\$2,707
WPSB-4D	WPS411203230203	NAT	112.5	94	82	B&G	84	6"	377	\$2,994
WPSB-5D	WPS515003230203	NAT	150	126	110	B&G	84.1	6"	453	\$3,295
WPSB-6D	WPS618703230203	NAT	187.5	157	137	B&G	84.1	7"	534	\$3,689
WPSB-7D	WPS722503230203	NAT	225	188	163	B&G	84	7"	601	\$4,029
WPSB-8D	WPS826203230203	NAT	262.5	220	191	B&G	83.9	7"	665	\$4,337
WPSB-9D	WPS929903230203	NAT	299	251	218	B&G	83.7	7"	750	\$5,000
WPSB - LP										
WPSB-3DP	WPS307513200203	LP	70	59	51	LESS	84	5"	315	\$2,682
WPSB-4DP	WPS411213200203	LP	105	88	77	LESS	84	6"	377	\$2,969
WPSB-5DP	WPS515013200203	LP	140	118	103	LESS	84.1	6"	453	\$3,270
WPSB-6DP	WPS618713200203	LP	175	147	128	LESS	84.1	7"	534	\$3,665
WPSB-7DP	WPS722513200203	LP	210	176	153	LESS	84	7"	601	\$4,004
WPSB-8DP	WPS826213200203	LP	245	206	179	LESS	83.9	7"	665	\$4,313
WPSB-9DP	WPS929913200203	LP	280	235	204	LESS	83.7	7"	750	\$4,975
WPSB-3DP	WPS307513240203	LP	70	59	51	TACO ECM	84	5"	315	\$2,761
WPSB-4DP	WPS411213240203	LP	105	88	77	TACO ECM	84	6"	377	\$3,049
WPSB-5DP	WPS515013240203	LP	140	118	103	TACO ECM	84.1	6"	453	\$3,351
WPSB-6DP	WPS618713240203	LP	175	147	128	TACO ECM	84.1	7"	534	\$3,745
WPSB-7DP	WPS722513240203	LP	210	176	153	TACO ECM	84	7"	601	\$4,085
WPSB-8DP	WPS826213240203	LP	245	206	179	TACO ECM	83.9	7"	665	\$4,392
WPSB-9DP	WPS929913240203	LP	280	235	204	TACO ECM	83.7	7"	750	\$5,055
WPSB-3DP	WPS307513220203	LP	70	59	51	GRUNDFOS	84	5"	315	\$2,761
WPSB-4DP	WPS411213220203	LP	105	88	77	GRUNDFOS	84	6"	377	\$3,049
WPSB-5DP	WPS515013220203	LP	140	118	103	GRUNDFOS	84.1	6"	453	\$3,351
WPSB-6DP	WPS618713220203	LP	175	147	128	GRUNDFOS	84.1	7"	534	\$3,745

WPSB - Cast-Iron Integral Draft Diverter Boilers (Cont.)

Model	Item Number	Fuel	Input MBH	Htg. Cap. MBH	AHRI Net MBH	Pump	AFUE %	Flue Dia.	Shp. Wgt. lbs	Trade Price
WPSB-7DP	WPS722513220203	LP	210	176	153	GRUNDFOS	84	7"	601	\$4,085
WPSB-8DP	WPS826213220203	LP	245	206	179	GRUNDFOS	83.9	7"	665	\$4,392
WPSB-9DP	WPS929913220203	LP	280	235	204	GRUNDFOS	83.7	7"	750	\$5,055
WPSB-3DP	WPS307513230203	LP	70	59	51	B&G	84	5"	315	\$2,761
WPSB-4DP	WPS411213230203	LP	105	88	77	B&G	84	6"	377	\$3,049
WPSB-5DP	WPS515013230203	LP	140	118	103	B&G	84.1	6"	453	\$3,351
WPSB-6DP	WPS618713230203	LP	175	147	128	B&G	84.1	7"	534	\$3,745
WPSB-7DP	WPS722513230203	LP	210	176	153	B&G	84	7"	601	\$4,085
WPSB-8DP	WPS826213230203	LP	245	206	179	B&G	83.9	7"	665	\$4,392
WPSB-9DP	WPS929913230203	LP	280	235	204	B&G	83.7	7"	750	\$5,055

WPSB - High Altitude*

WPSB-3D	WPS307503242203	NAT	75*	63*	55*	TACO ECM	84	5"	315	\$2,707
WPSB-4D	WPS411203242203	NAT	112.5*	94*	82*	TACO ECM	84	6"	377	\$2,994
WPSB-5D	WPS515003242203	NAT	150*	126*	110*	TACO ECM	84.1	6"	453	\$3,295
WPSB-6D	WPS618703242203	NAT	187.5*	157*	137*	TACO ECM	84.1	7"	534	\$3,689
WPSB-7D	WPS722503242203	NAT	225*	188*	163*	TACO ECM	84	7"	601	\$4,029
WPSB-8D	WPS826203242203	NAT	262.5*	220*	191*	TACO ECM	83.9	7"	665	\$4,337
WPSB-9D	WPS929903242203	NAT	299*	251*	218*	TACO ECM	83.7	7"	750	\$5,000

* 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-3D	43300723	3 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$54
WPSB-4D	43300724	4 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$54
WPSB-5D	43300725	5 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$54
WPSB-6D	43300726	6 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$64
WPSB-7D	43300727	7 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$64
WPSB-8D	43300728	8 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$64
WPSB-9D	43300729	9 SECTION NATURAL GAS TO LP GAS CONVERSION KIT	\$64
WPSB-4D	43300632	4 SECTION LP GAS TO NATURAL GAS CONVERSION KIT	\$202
WPSB-5D	43300633	5 SECTION LP GAS TO NATURAL GAS CONVERSION KIT	\$205
WPSB-6D	43300634	6 SECTION LP GAS TO NATURAL GAS CONVERSION KIT	\$200
WPSB-7D	43300635	7 SECTION LP GAS TO NATURAL GAS CONVERSION KIT	\$202
WPSB-8D	43300636	8 SECTION LP GAS TO NATURAL GAS CONVERSION KIT	\$203
WPSB-9D	43300637	9 SECTION LP GAS TO NATURAL GAS CONVERSION KIT	\$203
WPSB	14624002	FILL-TROL FOR WATER BOILERS 150 MBH OR LESS	\$321
WPSB	14624003	FILL-TROL FOR WATER BOILERS OVER 150 MBH	\$445

COMBUSTIBLE FLOOR REQUIREMENTS:

PLEASE NOTE: A central heating boiler shall be installed in accordance with the instructions manual in the following manner. Boilers cannot be installed on carpeting with or without the base or any combustible flooring.

A) For installations on combustible flooring a special base MUST be used per the manufacturer and NFPA 54 / ANSI Z223.1, 2015 Edition, section 10.3.3.

Equipment must be installed on a fire-resistive slab or 4 inch (1000 mm) minimum cinder block, unsealed and joints matched for air circulation or equivalent 2-hour fire rated assembly, covered with sheet metal 0.0195 (0.50 mm) minimum thickness. For questions on boiler placement or combustible floor requirements please call 1-800-253-7900.

**This page is intentionally left blank,
products continue on the following page.**

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



Clearances	Combustible Materials ⁽¹⁾
Top	6" (152 mm)
Left	6" (152 mm)
Right (Control Side)	7" (178 mm)
Front (Alcove)*	18" (457 mm)
Back	6" (152 mm)
Flue/Vent Connector	6" (152 mm)

PLEASE NOTE: All installations on a combustible floor require a combustible floor base.

(1) Required distances measured from boiler.

* Definition of Alcove is three sided space with no wall in front of boiler. ANSI standard for alcove is 18 inches from appliance to leading edge of side walls as shown in IOM.

General Information (See IOM for Complete Instructions)							
Model	PSB-3D	PSB-4D	PSB-5D	PSB-6D	PSB-7D	PSB-8D	PSB-9D
Water Return/Supply	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	Height	36 3/8"	36 3/8"	36 3/8"	36 3/8"	36 3/8"	36 3/8"
	Width	11 1/4"	14 1/2"	17 3/4"	21"	24 1/4"	27 1/2"
	Depth	26 1/2"	26 1/2"	26 1/2"	26 1/2"	26 1/2"	26 1/2"
Weight	297 lbs	368 lbs	440 lbs	512 lbs	584 lbs	659 lbs	736 lbs

PSB - Cast-Iron Steam Boilers									
Model	Item Number	Fuel	Input MBH	Htg. Cap. MBH	AHRI Net MBH	AHRI Net SQ. FT. Steam	AFUE%	Shp. Wgt. lbs	Trade Price
PSB-3D	353001000	NAT	75	62	47	195	82.7	297	\$3,005
PSB-4D	354001000	NAT	112	91	68	283	82	368	\$3,282
PSB-5D	355001000	NAT	150	122	92	383	82	440	\$3,699
PSB-6D	356001000	NAT	187	153	115	479	82	512	\$4,213
PSB-7D	357001000	NAT	225	183	137	570	82	584	\$4,645
PSB-8D	358001000	NAT	262	214	161	670	82	659	\$5,137
PSB-9D	359001000	NAT	299	245	184	766	82	736	\$5,411
PSB - LP									
PSB-3D	353004000	LP	70	58	44	183	82.7	297	\$3,060
PSB-4D	354004000	LP	105	85	64	266	80.4	368	\$3,336
PSB-5D	355004000	LP	140	114	86	258	80.6	440	\$3,753
PSB-6D	356004000	LP	175	143	107	445	80.9	512	\$4,268
PSB-7D	357004000	LP	210	171	128	533	81.1	584	\$4,701
PSB-8D	358004000	LP	245	200	150	625	81.3	659	\$5,194
PSB-9D	359004000	LP	280	229	172	716	81.5	736	\$5,466
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							\$54
PSB-4D	43300724	4 SECTION NATURAL GAS TO LP GAS CONVERSION KIT							\$54
PSB-5D	43300725	5 SECTION NATURAL GAS TO LP GAS CONVERSION KIT							\$54
PSB-6D	43300726	6 SECTION NATURAL GAS TO LP GAS CONVERSION KIT							\$64
PSB-7D	43300727	7 SECTION NATURAL GAS TO LP GAS CONVERSION KIT							\$64
PSB-8D	43300728	8 SECTION NATURAL GAS TO LP GAS CONVERSION KIT							\$64
PSB-9D	43300729	9 SECTION NATURAL GAS TO LP GAS CONVERSION KIT							\$64
PSB-4D	43300632	4 SECTION LP GAS TO NATURAL GAS CONVERSION KIT							\$202
PSB-5D	43300633	5 SECTION LP GAS TO NATURAL GAS CONVERSION KIT							\$205
PSB-6D	43300634	6 SECTION LP GAS TO NATURAL GAS CONVERSION KIT							\$200
PSB-7D	43300635	7 SECTION LP GAS TO NATURAL GAS CONVERSION KIT							\$202
PSB-8D	43300636	8 SECTION LP GAS TO NATURAL GAS CONVERSION KIT							\$203
PSB-9D	43300637	9 SECTION LP GAS TO NATURAL GAS CONVERSION KIT							\$203
PSB	1630001	MCDONNELL & MILLER WF-2U-24 ELECTRONIC WATER FEEDER							\$512

COMBUSTIBLE FLOOR REQUIREMENTS:

PLEASE NOTE: A central heating boiler shall be installed in accordance with the instructions manual in the following manner. Boilers cannot be installed on carpeting with or without the base or any combustible flooring.

A) For installations on combustible flooring a special base MUST be used per the manufacturer and NFPA 54 / ANSI Z223.1, 2015 Edition, section 10.3.3.

Equipment must be installed on a fire-resistive slab or 4 inch (1000 mm) minimum cinder block, unsealed and joints matched for air circulation or equivalent 2-hour fire rated assembly, covered with sheet metal 0.0195 (0.50 mm) minimum thickness.

For questions on boiler placement or combustible floor requirements please call 1-800-253-7900.

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.

For Installation on Non-Combustible Floors Only, Minimum Clearances to Combustible Construction		
	Inputs of 400 MBH or Less	Inputs Over 400 MBH
Top	52"	52"
Left	18"	24"
Right (Control Side)	18"	24"
Front	18"	18"
Back	18"	24"
Flue Collector	6"	6"

Greater clearances (24") for access should supersede fire protection clearances.

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 Ratings			Therm. Eff.	No. of Sect.	Shp. Wgt. lbs	Trade Price
					Steam PPF	Steam SQ. FT.	Steam BTU (MBH)				
D249-300	CBA030003101103	STD.	300	233	1.33	729	175	77	4	1000	\$8,857
D249-300	CBA040003101103	STD.	400	310	1.33	971	233	77	5	1200	\$9,966
D249-300	CBA050003101103	STD.	500	388	1.33	1213	291	77	6	1400	\$11,078
D249-300	CBA060003101103	STD.	600	465	1.33	1454	349	77	7	1600	\$14,404
D249-300	CBA070003101103	STD.	700	543	1.33	1696	407	77	8	1800	\$15,517
D249-300	CBA080003101103	STD.	800	620	1.33	1938	465	77	9	2000	\$16,671
D249-300	CBA090003101103	STD.	900	698	1.33	2183	524	77	10	2200	\$17,895
D249-300	CBA100003101103	STD.	1000	775	1.33	2421	581	77	11	2400	\$18,996
D249-300	CBA110003101103	STD.	1100	853	1.33	2667	640	77	12	2600	\$22,377
D249-300	CBA120003101103	STD.	1200	930	1.33	2908	698	77	13	2900	\$23,524
D249-300	CBA130003101103	STD.	1300	1008	1.33	3150	756	77	14	3100	\$25,281
D249-300	CBA140003101103	STD.	1400	1085	1.33	3392	814	77	15	3300	\$26,394
D249-300	CBA150003101103	STD.	1500	1163	1.33	3633	872	77	16	3500	\$27,531
D249-300	CBA030003103103	G.R.S.	300	233	1.33	729	175	77	4	1000	\$9,888
D249-300	CBA040003103103	G.R.S.	400	310	1.33	971	233	77	5	1200	\$10,997
D249-300	CBA050003103103	G.R.S.	500	388	1.33	1213	291	77	6	1400	\$12,108
D249-300	CBA060003103103	G.R.S.	600	465	1.33	1454	349	77	7	1600	\$16,604
D249-300	CBA070003103103	G.R.S.	700	543	1.33	1696	407	77	8	1800	\$17,737
D249-300	CBA080003103103	G.R.S.	800	620	1.33	1938	465	77	9	2000	\$18,849
D249-300	CBA090003103103	G.R.S.	900	698	1.33	2183	524	77	10	2200	\$20,109
D249-300	CBA100003103103	G.R.S.	1000	775	1.33	2421	581	77	11	2400	\$21,215
D249-300	CBA110003103103	G.R.S.	1100	853	1.33	2667	640	77	12	2600	\$25,074
D249-300	CBA120003103103	G.R.S.	1200	930	1.33	2908	698	77	13	2900	\$26,200
D249-300	CBA130003103103	G.R.S.	1300	1008	1.33	3150	756	77	14	3100	\$27,953
D249-300	CBA140003103103	G.R.S.	1400	1085	1.33	3392	814	77	15	3300	\$29,070
D249-300	CBA150003103103	G.R.S.	1500	1163	1.33	3633	872	77	16	3500	\$30,168
D249-300	CBA030003104103	F.P.R.	300	233	1.33	729	175	77	4	1000	\$10,948
D249-300	CBA040003104103	F.P.R.	400	310	1.33	971	233	77	5	1200	\$12,056
D249-300	CBA050003104103	F.P.R.	500	388	1.33	1213	291	77	6	1400	\$13,166
D249-300	CBA060003104103	F.P.R.	600	465	1.33	1454	349	77	7	1600	\$17,661
D249-300	CBA070003104103	F.P.R.	700	543	1.33	1696	407	77	8	1800	\$18,794
D249-300	CBA080003104103	F.P.R.	800	620	1.33	1938	465	77	9	2000	\$19,914
D249-300	CBA090003104103	F.P.R.	900	698	1.33	2183	524	77	10	2200	\$21,168
D249-300	CBA100003104103	F.P.R.	1000	775	1.33	2421	581	77	11	2400	\$22,275
D249-300	CBA110003104103	F.P.R.	1100	853	1.33	2667	640	77	12	2600	\$26,133
D249-300	CBA120003104103	F.P.R.	1200	930	1.33	2908	698	77	13	2900	\$27,259
D249-300	CBA130003104103	F.P.R.	1300	1008	1.33	3150	756	77	14	3100	\$29,013
D249-300	CBA140003104103	F.P.R.	1400	1085	1.33	3392	814	77	15	3300	\$30,129
D249-300	CBA150003104103	F.P.R.	1500	1163	1.33	3633	872	77	16	3500	\$31,227

*Type (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.)	\$996
D249	41154051D	CAST IRON SECTIONS - LEFT END (182 LBS.)	\$996
D249	41154052D	CAST IRON SECTIONS - INTERMEDIATE (165 LBS.)	\$868
D249-300	550002861D	COMPONENT CARTON - 300	\$2,649
D249-400	550002862D	COMPONENT CARTON - 400	\$2,806
D249-500	550002863D	COMPONENT CARTON - 500	\$2,944
D249-300	550002890D	COMPONENT CARTON - 300 CSD-1	\$3,092
D249-400	550002891D	COMPONENT CARTON - 400 CSD-1	\$3,250
D249-500	550002892D	COMPONENT CARTON - 500 CSD-1	\$3,388
D249	550002871D	END PANEL CARTON - JACKET	\$386
D249	550002860D	END PANEL CARTON - BASE	\$348
D249	41200061D	STEAM TRIM - SA 1 (SIZES/MODELS: 300 -500)	\$1,294
D249	41200062D	STEAM TRIM - SA 2 (SIZES/MODELS: 600 - 700)	\$1,312
D249	41200063D	STEAM TRIM - SA 3 (SIZES/MODELS: 800 - 1400)	\$1,346
D249	41200064D	STEAM TRIM - SA 4 (SIZES/MODELS: 1500)	\$1,360
D249-300	550002877DS	ACCESSORY CARTON - 300	\$452
D249-400	550002878DS	ACCESSORY CARTON - 400	\$536
D249-500	550002867DS	ACCESSORY CARTON - 500	\$641
D249-600	550002879DS	ACCESSORY CARTON - 600	\$726
D249-700	550002880DS	ACCESSORY CARTON - 700	\$813
D249-800	550002881DS	ACCESSORY CARTON - 800	\$943
D249-900	550002882DS	ACCESSORY CARTON - 900	\$1,122
D249-1000	550002868DS	ACCESSORY CARTON - 1000	\$1,222
D249-1100	550002883DS	ACCESSORY CARTON - 1100	\$1,396
D249-1200	550002884DS	ACCESSORY CARTON - 1200	\$1,469
D249-1300	550002885DS	ACCESSORY CARTON - 1300	\$2,237
D249-1400	550002886DS	ACCESSORY CARTON - 1400	\$2,326
D249-1500	550002869DS	ACCESSORY CARTON - 1500	\$2,456
D249	41257103D	CSD-1 STEAM TRIM - GRAVITY/CONDENSATE (ALL SIZES)	\$587
D249	41257104D	CSD-1 STEAM TRIM - FEED PUMP (ALL SIZES)	\$1,647
D249-300	550002893DS	CSD-1 ACCESSORY CARTON - 300	\$452
D249-400	550002894DS	CSD-1 ACCESSORY CARTON - 400	\$536
D249-500	550002895DS	CSD-1 ACCESSORY CARTON - 500	\$641
D249-600	550002896DS	CSD-1 ACCESSORY CARTON - 600	\$1,451
D249-700	550002897DS	CSD-1 ACCESSORY CARTON - 700	\$1,559
D249-800	550002898DS	CSD-1 ACCESSORY CARTON - 800	\$1,653
D249-900	550002899DS	CSD-1 ACCESSORY CARTON - 900	\$1,866
D249-1000	550002900DS	CSD-1 ACCESSORY CARTON - 1000	\$1,966
D249-1100	550002901DS	CSD-1 ACCESSORY CARTON - 1100	\$2,141
D249-1200	550002902DS	CSD-1 ACCESSORY CARTON - 1200	\$2,227
D249-1300	550002903DS	CSD-1 ACCESSORY CARTON - 1300	\$2,994
D249-1400	550002904DS	CSD-1 ACCESSORY CARTON - 1400	\$3,084
D249-1500	550002905DS	CSD-1 ACCESSORY CARTON - 1500	\$3,175

D249 (Use Parts Multiplier for All of the Following)			
Model	Item Number	Description	Trade Price
D249	14662311	STEAM MANUAL RESET PRESSURE CONTROL (L4079B1033)	\$293
D249	1280001	M-M 47-2 LWCO & FEEDER (MODELS 300-1500)	\$1,318
D249	14662313	STRAP ON OPERATING CONTROL (L6006C-1034)	\$176
D249	240007388	LWCO, MAN RESET, CSD-1 APPROVED, SHT PROBE	\$233
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 Utica'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.

***Combustible Floor Requirements:**

PLEASE NOTE: A central heating boiler shall be installed in accordance with the instructions manual in the following manner. Boilers cannot be installed on carpeting with or without the base or any combustible flooring.

A) For installations on combustible flooring a special base MUST be used per the manufacturer and NFPA 54 / ANSI Z223.1, 2015 Edition, section 10.3.3.

Equipment must be installed on a fire-resistive slab or 4 inch (1000 mm) minimum cinder block, unsealed and joints matched for air circulation or equivalent 2-hour fire rated assembly, covered with sheet metal 0.0195 (0.50 mm) minimum thickness.

For questions on boiler placement or combustible floor requirements please call 1-800-253-7900.

EXCELSIOR EXB Cast-Iron 3-Pass Boilers

- MBH Input 105-266
- Up to 87% AFUE
- 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



Clearances	Combustible Materials ⁽¹⁾	Service ⁽²⁾
Top	12" (320 mm)	24" (610 mm)
Left	2" (50 mm)	24" (610 mm)
Right	2" (50 mm)	24" (610 mm)
Front	17" (430 mm)	24" (610 mm)
Back	9" (230 mm)	24" (610 mm)
Bottom	Combustible	NA
Flue	9" (230 mm)	9" (230 mm)

(1) Required distances measured from boiler.
 (2) Proper operation clearance recommended.

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	Height	31"	31"	31"
	Width	17 3/4"	17 3/4"	17 3/4"
	Depth	18 3/8"	21 5/8"	24 7/8"
Weight	436 lbs	496 lbs	560 lbs	620 lbs

EXCELSIOR EXB - Cast-Iron 3-Pass Oil Boiler

Model	Item Number	Fuel	Input MBH	Htg. Cap. MBH	AHRI Net MBH	Burner	Pump	AFUE %	No. of Sect.	Shp. Wgt. lbs	Trade Price
EXB4075	EXB407530200203	OIL	105	92	80	BECKETT	LESS	87	4	436	\$2,684
EXB4095	EXB409530200203	OIL	133	114	99	BECKETT	LESS	85	4	436	\$2,684
EXB4110	EXB411030200203	OIL	154	132	115	BECKETT	LESS	84	4	436	\$2,684
EXB5100	EXB510030200203	OIL	140	123	107	BECKETT	LESS	87	5	496	\$3,059
EXB5115	EXB511530200203	OIL	161	139	121	BECKETT	LESS	85	5	496	\$3,059
EXB5135	EXB513530200203	OIL	189	161	140	BECKETT	LESS	84	5	496	\$3,059
EXB6130	EXB613030200203	OIL	182	160	139	BECKETT	LESS	87	6	560	\$3,227
EXB6145	EXB614530200203	OIL	203	176	153	BECKETT	LESS	85	6	560	\$3,227
EXB7165	EXB716530200203	OIL	231	202	176	BECKETT	LESS	87	7	620	\$3,682
EXB4075	EXB407530240203	OIL	105	92	80	BECKETT	TACO ECM	87	4	436	\$2,765
EXB4095	EXB409530240203	OIL	133	114	99	BECKETT	TACO ECM	85	4	436	\$2,765
EXB4110	EXB411030240203	OIL	154	132	115	BECKETT	TACO ECM	84	4	436	\$2,765
EXB5100	EXB510030240203	OIL	140	123	107	BECKETT	TACO ECM	87	5	496	\$3,143
EXB5115	EXB511530240203	OIL	161	139	121	BECKETT	TACO ECM	85	5	496	\$3,143
EXB5135	EXB513530240203	OIL	189	161	140	BECKETT	TACO ECM	84	5	496	\$3,143
EXB6130	EXB613030240203	OIL	182	160	139	BECKETT	TACO ECM	87	6	560	\$3,310
EXB6145	EXB614530240203	OIL	203	176	153	BECKETT	TACO ECM	85	6	560	\$3,310
EXB7165	EXB716530240203	OIL	231	202	176	BECKETT	TACO ECM	87	7	620	\$3,765
EXB4075	EXB407530220203	OIL	105	92	80	BECKETT	GRUNDFOS	87	4	436	\$2,765
EXB4095	EXB409530220203	OIL	133	114	99	BECKETT	GRUNDFOS	85	4	436	\$2,765
EXB4110	EXB411030220203	OIL	154	132	115	BECKETT	GRUNDFOS	84	4	436	\$2,765
EXB5100	EXB510030220203	OIL	140	123	107	BECKETT	GRUNDFOS	87	5	496	\$3,143
EXB5115	EXB511530220203	OIL	161	139	121	BECKETT	GRUNDFOS	85	5	496	\$3,143
EXB5135	EXB513530220203	OIL	189	161	140	BECKETT	GRUNDFOS	84	5	496	\$3,143
EXB6130	EXB613030220203	OIL	182	160	139	BECKETT	GRUNDFOS	87	6	560	\$3,310
EXB6145	EXB614530220203	OIL	203	176	153	BECKETT	GRUNDFOS	85	6	560	\$3,310
EXB7165	EXB716530220203	OIL	231	202	176	BECKETT	GRUNDFOS	87	7	620	\$3,765
EXB4110	EXB411020240203	OIL	154	132	115	LESS	TACO ECM	84	4	436	\$2,048
EXB5135	EXB513520240203	OIL	189	161	140	LESS	TACO ECM	84	5	496	\$2,386
EXB6165	EXB616520240203	OIL	231	198	172	LESS	TACO ECM	84	6	560	\$2,621
EXB7190	EXB719020240203	OIL	266	228	198	LESS	TACO ECM	84	7	620	\$3,019
EXB4110	EXB411020220203	OIL	154	132	115	LESS	GRUNDFOS	84	4	436	\$2,048
EXB5135	EXB513520220203	OIL	189	161	140	LESS	GRUNDFOS	84	5	496	\$2,386
EXB6165	EXB616520220203	OIL	231	198	172	LESS	GRUNDFOS	84	6	560	\$2,621
EXB7190	EXB719020220203	OIL	266	228	198	LESS	GRUNDFOS	84	7	620	\$3,019
EXB4110	EXB411020200203	OIL	154	132	115	LESS	LESS	84	4	436	\$1,966
EXB5135	EXB513520200203	OIL	189	161	140	LESS	LESS	84	5	496	\$2,302
EXB6165	EXB616520200203	OIL	231	198	172	LESS	LESS	84	6	560	\$2,538
EXB7190	EXB719020200203	OIL	266	228	198	LESS	LESS	84	7	620	\$2,935
EXB4075	EXB407550200203	OIL	105	92	80	RIELLO	LESS	87	4	436	\$2,756
EXB4095	EXB409550200203	OIL	133	114	99	RIELLO	LESS	85	4	436	\$2,756
EXB4110	EXB411050200203	OIL	154	132	115	RIELLO	LESS	84	4	436	\$2,756
EXB5100	EXB510050200203	OIL	140	123	107	RIELLO	LESS	87	5	496	\$3,180
EXB5115	EXB511550200203	OIL	161	139	121	RIELLO	LESS	85	5	496	\$3,180

EXCELSIOR EXB - Cast-Iron 3-Pass Oil Boiler

Model	Item Number	Fuel	Input MBH	Htg. Cap. MBH	AHRI Net MBH	Burner	Pump	AFUE %	No. of Sect.	Shp. Wgt. lbs	Trade Price
EXB5135	EXB513550200203	OIL	189	161	140	RIELLO	LESS	84	5	496	\$3,180
EXB6130	EXB613050200203	OIL	182	160	139	RIELLO	LESS	87	6	560	\$3,347
EXB6145	EXB614550200203	OIL	203	176	153	RIELLO	LESS	85	6	560	\$3,347
EXB6165	EXB616550200203	OIL	231	198	172	RIELLO	LESS	84	6	560	\$3,652
EXB7165	EXB716550200203	OIL	231	202	176	RIELLO	LESS	87	7	620	\$3,743
EXB7180	EXB718050200203	OIL	252	217	189	RIELLO	LESS	85	7	620	\$4,048
EXB7190	EXB719050200203	OIL	266	228	198	RIELLO	LESS	84	7	620	\$4,048
EXB4075	EXB407550240203	OIL	105	92	80	RIELLO	TACO ECM	87	4	436	\$2,840
EXB4095	EXB409550240203	OIL	133	114	99	RIELLO	TACO ECM	85	4	436	\$2,840
EXB4110	EXB411050240203	OIL	154	132	115	RIELLO	TACO ECM	84	4	436	\$2,840
EXB5100	EXB510050240203	OIL	140	123	107	RIELLO	TACO ECM	87	5	496	\$3,264
EXB5115	EXB511550240203	OIL	161	139	121	RIELLO	TACO ECM	85	5	496	\$3,264
EXB5135	EXB513550240203	OIL	189	161	140	RIELLO	TACO ECM	84	5	496	\$3,264
EXB6130	EXB613050240203	OIL	182	160	139	RIELLO	TACO ECM	87	6	560	\$3,431
EXB6145	EXB614550240203	OIL	203	176	153	RIELLO	TACO ECM	85	6	560	\$3,431
EXB6165	EXB616550240203	OIL	231	198	172	RIELLO	TACO ECM	84	6	560	\$3,735
EXB7165	EXB716550240203	OIL	231	202	176	RIELLO	TACO ECM	87	7	620	\$3,826
EXB7180	EXB718050240203	OIL	252	217	189	RIELLO	TACO ECM	85	7	620	\$4,131
EXB7190	EXB719050240203	OIL	266	228	198	RIELLO	TACO ECM	84	7	620	\$4,131
EXB4075	EXB407550220203	OIL	105	92	80	RIELLO	GRUNDFOS	87	4	436	\$2,840
EXB4095	EXB409550220203	OIL	133	114	99	RIELLO	GRUNDFOS	85	4	436	\$2,840
EXB4110	EXB411050220203	OIL	154	132	115	RIELLO	GRUNDFOS	84	4	436	\$2,840
EXB5100	EXB510050220203	OIL	140	123	107	RIELLO	GRUNDFOS	87	5	496	\$3,264
EXB5115	EXB511550220203	OIL	161	139	121	RIELLO	GRUNDFOS	85	5	496	\$3,264
EXB5135	EXB513550220203	OIL	189	161	140	RIELLO	GRUNDFOS	84	5	496	\$3,264
EXB6130	EXB613050220203	OIL	182	160	139	RIELLO	GRUNDFOS	87	6	560	\$3,431
EXB6145	EXB614550220203	OIL	203	176	153	RIELLO	GRUNDFOS	85	6	560	\$3,431
EXB6165	EXB616550220203	OIL	231	198	172	RIELLO	GRUNDFOS	84	6	560	\$3,735
EXB7165	EXB716550220203	OIL	231	202	176	RIELLO	GRUNDFOS	87	7	620	\$3,826
EXB7180	EXB718050220203	OIL	252	217	189	RIELLO	GRUNDFOS	85	7	620	\$4,131
EXB7190	EXB719050220203	OIL	266	228	198	RIELLO	GRUNDFOS	84	7	620	\$4,131

EXCELSIOR EXB - Venting Options & Additional Equipment

Model	Item Number	Description	Trade Price
EXB	29231D	36" RISER TERMINATION	\$1,199
EXB	28972D	STANDARD TERMINATION	\$511
EXB	550003419D	4" ID X 10 FT DIRECT VENT PIPE KIT (SELECT TERMINATION)	\$587
EXB	550003420D	4" ID X 15 FT DIRECT VENT PIPE KIT (SELECT TERMINATION)	\$702
EXB	550003421D	4" ID X 20 FT DIRECT VENT PIPE KIT (SELECT TERMINATION)	\$827

EXCELSIOR EXB - Replacement Oil Burners

EXB4075	240007232D	BECKETT CHIMNEY VENT W/O COVER MODEL AFG	\$644
EXB4095	240009385D	BECKETT CHIMNEY VENT W/O COVER MODEL AFG	\$644
EXB4110	240009386D	BECKETT CHIMNEY VENT W/O COVER MODEL AFG	\$644
EXB5100	240007233D	BECKETT CHIMNEY VENT W/O COVER MODEL AFG	\$683
EXB5115	240009387D	BECKETT CHIMNEY VENT W/O COVER MODEL NX	\$683

EXCELSIOR EXB - Replacement Oil Burners Cont.			
EXB5135	240009388D	BECKETT CHIMNEY VENT W/O COVER MODEL NX	\$683
EXB6130	240007234D	BECKETT CHIMNEY VENT W/O COVER MODEL AFG	\$616
EXB6145	240009389D	BECKETT CHIMNEY VENT W/O COVER MODEL AFG	\$616
EXB7165	240007235D	BECKETT CHIMNEY VENT W/O COVER MODEL AFG	\$675
EXB4075	240007144D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$691
EXB4095	240009377D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$691
EXB4110	240009378D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$691
EXB5100	240007145D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$728
EXB5115	240009379D	BECKETT CHIMNEY VENT WITH COVER MODEL NX	\$728
EXB5135	240009380D	BECKETT CHIMNEY VENT WITH COVER MODEL NX	\$728
EXB6130	240007146D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$662
EXB6145	240009381D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$662
EXB7165	240007183D	BECKETT CHIMNEY VENT WITH COVER MODEL AFG	\$718
EXB4075	240007531D	BECKETT DIRECT VENT MODEL NX	\$824
EXB4095	240009393D	BECKETT DIRECT VENT MODEL NX	\$824
EXB5100	240007532D	BECKETT DIRECT VENT MODEL NX	\$859
EXB5115	240009395D	BECKETT DIRECT VENT MODEL NX	\$859
EXB5135	240009396D	BECKETT DIRECT VENT MODEL NX	\$859
EXB6130	240007533D	BECKETT DIRECT VENT MODEL NX	\$794
EXB4075	550003548D	RIELLO CHIMNEY VENT MODEL 40F	\$762
EXB4095	550003549D	RIELLO CHIMNEY VENT MODEL 40F	\$762
EXB4110	550003550D	RIELLO CHIMNEY VENT MODEL 40F	\$762
EXB5100	550003551D	RIELLO CHIMNEY VENT MODEL 40F	\$847
EXB5115	550003552D	RIELLO CHIMNEY VENT MODEL 40F	\$847
EXB5135	550003553D	RIELLO CHIMNEY VENT MODEL 40F	\$847
EXB6130	550003554D	RIELLO CHIMNEY VENT MODEL 40F	\$778
EXB6145	550003555D	RIELLO CHIMNEY VENT MODEL 40F	\$778
EXB6165	550003556D	RIELLO CHIMNEY VENT MODEL 40F	\$1,071
EXB7165	550003557D	RIELLO CHIMNEY VENT MODEL 40F	\$778
EXB7180	550003558D	RIELLO CHIMNEY VENT MODEL 40F	\$1,071
EXB7190	550003559D	RIELLO CHIMNEY VENT MODEL 40F	\$1,071
EXB4075	550003560D	RIELLO DIRECT VENT MODEL 40BF	\$1,111
EXB4095	550003561D	RIELLO DIRECT VENT MODEL 40BF	\$1,111
EXB4110	550003562D	RIELLO DIRECT VENT MODEL 40BF	\$1,111
EXB5100	550003563D	RIELLO DIRECT VENT MODEL 40BF	\$1,194
EXB5115	550003564D	RIELLO DIRECT VENT MODEL 40BF	\$1,194
EXB5135	550003565D	RIELLO DIRECT VENT MODEL 40BF	\$1,194
EXB6130	550003566D	RIELLO DIRECT VENT MODEL 40BF	\$1,128
EXB	240010357D	CARLIN CHIMNEY VENT EZ-LF (4075, 4095, 4110, 5100, 5115, 5135)	\$696
EXCELSIOR EXB (Use Parts Multiplier for All of the Following)			
EXB	550001929	KIT, HIGH LIMIT MANUAL RESET L4006E1109 WITH PLUG IN HARNESS	\$244
EXB	14624002	FILL-TROL FOR WATER BOILERS 150 MBH OR LESS	\$321
EXB	14624003	FILL-TROL FOR WATER BOILERS OVER 150 MBH	\$445

EMPIRE EW II Cast-Iron Chimney Vent Boilers

- MBH Input 119-294 (CH)
- Up to 86.5% 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



Clearances	Combustible Materials ⁽¹⁾	Service ⁽²⁾
Top	6" (152 mm)	24" (610 mm)
Left	6" (152 mm)	NA
Right	24" (610 mm)	NA
Front	24" (610 mm)	NA
Back	6" (152 mm)	NA
Bottom	Non-Combustible	NA
Flue	9" (230 mm)	9" (230 mm)

(1) Required distances measured from boiler.
 (2) Proper operation clearance recommended.

General Information (See IOM for Complete Instructions)				
Model	EW3	EW4	EW5	
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	Height	36"	36"	
	Width	20 1/2"	20 1/2"	
	Depth	14 1/2"	17 3/4"	
Weight	470 lbs	545 lbs	630 lbs	

EMPIRE EW II - Cast-Iron Chimney Vent Oil Boiler

Model	Item Number	Type	Input MBH	AHRI Net MBH	Burner	Pump	AFUE %	Firing Rate GPH	Tank-less GPM	Shp. Wgt. lbs	Trade Price
3EW.65	EWB306531200303	LESS	91	70	BECKETT	LESS	86.3	0.65	N/A	470	\$3,037
3EW.75	EWB307531200303	LESS	105	80	BECKETT	LESS	85.2	0.75	N/A	470	\$3,037
3EW1.00	EWB310031200303	LESS	140	104	BECKETT	LESS	84	1.00	N/A	470	\$3,037
4EW.90	EWB409031200303	LESS	126	97	BECKETT	LESS	86	0.90	N/A	545	\$3,574
4EW1.25	EWB412531200303	LESS	175	131	BECKETT	LESS	85	1.25	N/A	545	\$3,574
4EW1.50	EWB415031200303	LESS	210	156	BECKETT	LESS	84	1.50	N/A	545	\$3,574
5EW1.20	EWB512031200303	LESS	168	128	BECKETT	LESS	86.5	1.20	N/A	630	\$4,320
5EW1.75	EWB517531200303	LESS	245	183	BECKETT	LESS	84.3	1.75	N/A	630	\$4,320
3EW.65	EWB306532200303	COIL	91	70	BECKETT	LESS	86.3	0.65	2.9	470	\$3,547
3EW.75	EWB307532200303	COIL	105	80	BECKETT	LESS	85.2	0.75	3	470	\$3,547
3EW1.00	EWB310032200303	COIL	140	104	BECKETT	LESS	84	1.00	3.25	470	\$3,547
4EW.90	EWB409032200303	COIL	126	97	BECKETT	LESS	86	0.90	3.15	545	\$4,087
4EW1.25	EWB412532200303	COIL	175	131	BECKETT	LESS	85	1.25	3.5	545	\$4,087
4EW1.50	EWB415032200303	COIL	210	156	BECKETT	LESS	84	1.50	3.75	545	\$4,087
5EW1.20	EWB512032200303	COIL	168	128	BECKETT	LESS	86.5	1.20	3.45	630	\$4,839
5EW1.75	EWB517532200303	COIL	245	183	BECKETT	LESS	84.3	1.75	4	630	\$4,839
3EW.65	EWB306531240303	LESS	91	70	BECKETT	TACO ECM	86.3	0.65	N/A	470	\$3,119
3EW.75	EWB307531240303	LESS	105	80	BECKETT	TACO ECM	85.2	0.75	N/A	470	\$3,119
3EW1.00	EWB310031240303	LESS	140	104	BECKETT	TACO ECM	84	1.00	N/A	470	\$3,119
4EW.90	EWB409031240303	LESS	126	97	BECKETT	TACO ECM	86	0.90	N/A	545	\$3,653
4EW1.25	EWB412531240303	LESS	175	131	BECKETT	TACO ECM	85	1.25	N/A	545	\$3,653
4EW1.50	EWB415031240303	LESS	210	156	BECKETT	TACO ECM	84	1.50	N/A	545	\$3,653
5EW1.20	EWB512031240303	LESS	168	128	BECKETT	TACO ECM	86.5	1.20	N/A	630	\$4,400
5EW1.75	EWB517531240303	LESS	245	183	BECKETT	TACO ECM	84.3	1.75	N/A	630	\$4,400
3EW.65	EWB306532240303	COIL	91	70	BECKETT	TACO ECM	86.3	0.65	2.9	470	\$3,631
3EW.75	EWB307532240303	COIL	105	80	BECKETT	TACO ECM	85.2	0.75	3	470	\$3,631
3EW1.00	EWB310032240303	COIL	140	104	BECKETT	TACO ECM	84	1.00	3.25	470	\$3,631
4EW.90	EWB409032240303	COIL	126	97	BECKETT	TACO ECM	86	0.90	3.15	545	\$4,167
4EW1.25	EWB412532240303	COIL	175	131	BECKETT	TACO ECM	85	1.25	3.5	545	\$4,167
4EW1.50	EWB415032240303	COIL	210	156	BECKETT	TACO ECM	84	1.50	3.75	545	\$4,167
5EW1.20	EWB512032240303	COIL	168	128	BECKETT	TACO ECM	86.5	1.20	3.45	630	\$4,919
5EW1.75	EWB517532240303	COIL	245	183	BECKETT	TACO ECM	84.3	1.75	4	630	\$4,919
3EW.65	EWB306531230303	LESS	91	70	BECKETT	GRUNDFOS	86.3	0.65	N/A	470	\$3,119
3EW.75	EWB307531220303	LESS	105	80	BECKETT	GRUNDFOS	85.2	0.75	N/A	470	\$3,119
3EW1.00	EWB310031220303	LESS	140	104	BECKETT	GRUNDFOS	84	1.00	N/A	470	\$3,119
4EW.90	EWB409031220303	LESS	126	97	BECKETT	GRUNDFOS	86	0.90	N/A	545	\$3,653
4EW1.25	EWB412531220303	LESS	175	131	BECKETT	GRUNDFOS	85	1.25	N/A	545	\$3,653
4EW1.50	EWB415031220303	LESS	210	156	BECKETT	GRUNDFOS	84	1.50	N/A	545	\$3,653
5EW1.20	EWB512031220303	LESS	168	128	BECKETT	GRUNDFOS	86.5	1.20	N/A	630	\$4,400
5EW1.75	EWB517531220303	LESS	245	183	BECKETT	GRUNDFOS	84.3	1.75	N/A	630	\$4,400
3EW.65	EWB306532230303	COIL	91	70	BECKETT	GRUNDFOS	86.3	0.65	2.9	470	\$3,631
3EW.75	EWB307532220303	COIL	105	80	BECKETT	GRUNDFOS	85.2	0.75	3	470	\$3,631
3EW1.00	EWB310032220303	COIL	140	104	BECKETT	GRUNDFOS	84	1.00	3.25	470	\$3,631
4EW.90	EWB409032220303	COIL	126	97	BECKETT	GRUNDFOS	86	0.90	3.15	545	\$4,167

EMPIRE EW II - Cast-Iron Chimney Vent Oil Boiler (Cont.)

Model	Item Number	Type*	Input MBH	AHRI Net MBH	Burner	Pump	AFUE %	Firing Rate GPH	Tank-less GPM	Shp. Wgt. lbs	Trade Price
4EW1.25	EWB412532220303	COIL	175	131	BECKETT	GRUNDFOS	85	1.25	3.5	545	\$4,167
4EW1.50	EWB415032220303	COIL	210	156	BECKETT	GRUNDFOS	84	1.50	3.75	545	\$4,167
5EW1.20	EWB512032220303	COIL	168	128	BECKETT	GRUNDFOS	86.5	1.20	3.45	630	\$4,919
5EW1.75	EWB517532220303	COIL	245	183	BECKETT	GRUNDFOS	84.3	1.75	4	630	\$4,919
3EW.75	EWB307531230303	LESS	105	80	BECKETT	B&G	85.2	0.75	N/A	470	\$3,119
3EW1.00	EWB310031230303	LESS	140	104	BECKETT	B&G	84	1.00	N/A	470	\$3,119
4EW1.25	EWB412531230303	LESS	175	131	BECKETT	B&G	85	1.25	N/A	545	\$3,653
3EW.75	EWB307532230303	COIL	105	80	BECKETT	B&G	85.2	0.75	3	470	\$3,631
3EW1.00	EWB310032230303	COIL	140	104	BECKETT	B&G	84	1.00	3.25	470	\$3,631
4EW1.25	EWB412532230303	COIL	175	131	BECKETT	B&G	85	1.25	3.5	545	\$4,167
4EW1.50	EWB415032230303	COIL	210	156	BECKETT	B&G	84	1.50	3.75	545	\$4,175
3EW1.00	EWB310021200303	LESS	140	104	LESS	LESS	84	1.00	N/A	470	\$2,363
4EW1.50	EWB415021200303	LESS	210	156	LESS	LESS	84	1.50	N/A	545	\$2,898
5EW1.75	EWB517521200303	LESS	245	183	LESS	LESS	84.3	1.75	N/A	630	\$3,644
3EW1.00	EWB310022200303	COIL	140	104	LESS	LESS	84	1.00	3.25	470	\$2,872
4EW1.50	EWB415022200303	COIL	210	156	LESS	LESS	84	1.50	3.75	545	\$3,410
5EW1.75	EWB517522200303	COIL	245	183	LESS	LESS	84.3	1.75	4	630	\$4,164
3EW.65	EWB310021240303	LESS	91	70	LESS	TACO ECM	86.3	0.65	N/A	470	\$2,444
3EW.75			105	80	LESS	TACO ECM	85.2	0.75			
3EW1.00			140	104	LESS	TACO ECM	84	1.00			
4EW.90	EWB415021240303	LESS	126	97	LESS	TACO ECM	86	0.90	N/A	545	\$2,979
4EW1.25			175	131	LESS	TACO ECM	85	1.25			
4EW1.50			210	156	LESS	TACO ECM	84	1.50			
5EW1.20	EWB517521240303	LESS	168	128	LESS	TACO ECM	86.5	1.20	N/A	630	\$3,724
5EW1.75			245	183	LESS	TACO ECM	84.3	1.75			
3EW.65	EWB310022240303	COIL	91	70	LESS	TACO ECM	86.3	0.65	2.9	470	\$2,955
3EW.75			105	80	LESS	TACO ECM	85.2	0.75	3		
3EW1.00			140	104	LESS	TACO ECM	84	1.00	3.25		
4EW.90	EWB415022240303	COIL	126	97	LESS	TACO ECM	86	0.90	3.15	545	\$3,491
4EW1.25			175	131	LESS	TACO ECM	85	1.25	3.5		
4EW1.50			210	156	LESS	TACO ECM	84	1.50	3.75		
5EW1.20	EWB517522240303	COIL	168	128	LESS	TACO ECM	86.5	1.20	3.45	630	\$4,245
5EW1.75			245	183	LESS	TACO ECM	84.3	1.75	4		
3EW.65	EWB310021220303	LESS	91	70	LESS	GRUNDFOS	86.3	0.65	N/A	470	\$2,444
3EW.75			105	80	LESS	GRUNDFOS	85.2	0.75			
3EW1.00			140	104	LESS	GRUNDFOS	84	1.00			
4EW.90	EWB415021220303	LESS	126	97	LESS	GRUNDFOS	86	0.90	N/A	545	\$2,979
4EW1.25			175	131	LESS	GRUNDFOS	85	1.25			
4EW1.50			210	156	LESS	GRUNDFOS	84	1.50			
5EW1.20	EWB517521220303	LESS	168	128	LESS	GRUNDFOS	86.5	1.20	N/A	630	\$3,724
5EW1.75			245	183	LESS	GRUNDFOS	84.3	1.75			
3EW.65	EWB310022220303	COIL	91	70	LESS	GRUNDFOS	86.3	0.65	2.9	470	\$2,955
3EW.75			105	80	LESS	GRUNDFOS	85.2	0.75	3		
3EW1.00			140	104	LESS	GRUNDFOS	84	1.00	3.25		

EMPIRE EW II - Cast-Iron Chimney Vent Oil Boiler (Cont.)

Model	Item Number	Type*	Input MBH	AHRI Net MBH	Burner	Pump	AFUE %	Firing Rate GPH	Tank-less GPM	Shp. Wgt. lbs	Trade Price
4EW.90	EWB415022220303	COIL	126	97	LESS	GRUNDFOS	86	0.90	3.15	545	\$3,491
4EW1.25			175	131	LESS	GRUNDFOS	85	1.25	3.5		
4EW1.50			210	156	LESS	GRUNDFOS	84	1.50	3.75		
5EW1.20	EWB517522220303	COIL	168	128	LESS	GRUNDFOS	86.5	1.20	3.45	630	\$4,245
5EW1.75			245	183	LESS	GRUNDFOS	84.3	1.75	4		
3EW.65	EWB306551240303	LESS	91	70	RIELLO F5	TACO ECM	86.3	0.65	N/A	470	\$3,183
3EW.75	EWB307551240303	LESS	105	80	RIELLO F5	TACO ECM	85.2	0.75	N/A	470	\$3,263
3EW1.00	EWB310051240303	LESS	140	104	RIELLO F5	TACO ECM	84	1.00	N/A	470	\$3,263
4EW.90	EWB409051240303	LESS	126	97	RIELLO F5	TACO ECM	86	0.90	N/A	545	\$3,800
4EW1.25	EWB412551240303	LESS	175	131	RIELLO F5	TACO ECM	85	1.25	N/A	545	\$3,800
4EW1.50	EWB415051240303	LESS	210	156	RIELLO F5	TACO ECM	84	1.50	N/A	545	\$3,800
5EW1.20	EWB512051240303	LESS	168	128	RIELLO F10	TACO ECM	86.5	1.20	N/A	630	\$4,546
5EW1.75	EWB517551240303	LESS	245	183	RIELLO F10	TACO ECM	84.3	1.75	N/A	630	\$4,546
3EW.65	EWB306552240303	COIL	91	70	RIELLO F5	TACO ECM	86.3	0.65	2.90	470	\$3,773
3EW.75	EWB307552240303	COIL	105	80	RIELLO F5	TACO ECM	85.2	0.75	3.00	470	\$3,773
3EW1.00	EWB310052240303	COIL	140	104	RIELLO F5	TACO ECM	84	1.00	3.25	470	\$3,773
4EW.90	EWB409052240303	COIL	126	97	RIELLO F5	TACO ECM	86	0.90	3.15	545	\$4,313
4EW1.25	EWB412552240303	COIL	175	131	RIELLO F5	TACO ECM	85	1.25	3.50	545	\$4,313
4EW1.50	EWB415052240303	COIL	210	156	RIELLO F5	TACO ECM	84	1.50	3.75	545	\$4,313
5EW1.20	EWB512052240303	COIL	168	128	RIELLO F10	TACO ECM	86.5	1.20	3.45	630	\$5,421
5EW1.75	EWB517552240303	COIL	245	183	RIELLO F10	TACO ECM	84.3	1.75	4.00	630	\$5,421
3EW.65	EWB306571240303	LESS	91	70	CARLIN EZ1	TACO ECM	86.3	0.65	N/A	470	\$3,119
3EW.75	EWB307571240303	LESS	105	80	CARLIN EZ1	TACO ECM	85.2	0.75	N/A	470	\$3,119
3EW1.00	EWB310071240303	LESS	140	104	CARLIN EZ1	TACO ECM	84	1.00	N/A	470	\$3,119
4EW.90	EWB409071240303	LESS	126	97	CARLIN EZ1	TACO ECM	86	0.90	N/A	545	\$3,653
4EW1.25	EWB412571240303	LESS	175	131	CARLIN EZ1	TACO ECM	85	1.25	N/A	545	\$3,653
4EW1.50	EWB415071240303	LESS	210	156	CARLIN EZ1	TACO ECM	84	1.50	N/A	545	\$3,653
5EW1.20	EWB512071240303	LESS	168	128	CARLIN EZ1	TACO ECM	86.5	1.20	N/A	630	\$4,400
5EW1.75	EWB517571240303	LESS	245	183	CARLIN EZ1	TACO ECM	84.3	1.75	N/A	630	\$4,400
3EW.65	EWB306572240303	COIL	91	70	CARLIN EZ1	TACO ECM	86.3	0.65	2.90	470	\$3,631
3EW.75	EWB307572240303	COIL	105	80	CARLIN EZ1	TACO ECM	85.2	0.75	3.00	470	\$3,631
3EW1.00	EWB310072240303	COIL	140	104	CARLIN EZ1	TACO ECM	84	1.00	3.25	470	\$3,631
4EW.90	EWB409072240303	COIL	126	97	CARLIN EZ1	TACO ECM	86	0.90	3.15	545	\$4,167
4EW1.25	EWB412572240303	COIL	175	131	CARLIN EZ1	TACO ECM	85	1.25	3.50	545	\$4,167
4EW1.50	EWB415072240303	COIL	210	156	CARLIN EZ1	TACO ECM	84	1.50	3.75	545	\$4,167
5EW1.20	EWB512072240303	COIL	168	128	CARLIN EZ1	TACO ECM	86.5	1.20	3.45	630	\$4,919
5EW1.75	EWB517572240303	COIL	245	183	CARLIN EZ1	TACO ECM	84.3	1.75	4.00	630	\$4,919

EMPIRE EW II - BURNERS

Model	Item Number	Description	Trade Price
EW II	43300005	RIELLO BURNER (3 & 4 SECTION)^	\$701
EW II	43300010	RIELLO BURNER (5 SECTION)^	\$1,212
EW II	43300003	CARLIN EZ-1 BURNER (3 & 4 SECTION)^	\$675
EW II	43300004	CARLIN EZ-2 BURNER (5 SECTION)^	\$675
EW II	550002986	BECKETT EW II AFG (3 & 4 SECTION)^	\$675
EW II	550002987	BECKETT EW II AFG (5 SECTION)^	\$675

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

EMPIRE EW II (Use Parts Multiplier for All of the Following)

Model	Item Number	Description	Trade Price
EW II	550002666	3 SECTION BECKETT BURNER RE-RATE KIT, 1.00 GPH	\$76
EW II	550002676	3 SECTION BECKETT BURNER RE-RATE KIT, 0.75 GPH	\$76
EW II	550002677	3 SECTION BECKETT BURNER RE-RATE KIT, 0.65 GPH	\$76
EW II	550002667	4 SECTION BECKETT BURNER RE-RATE KIT, 1.50 GPH	\$76
EW II	550002675	4 SECTION BECKETT BURNER RE-RATE KIT, 1.25 GPH	\$76
EW II	550002678	4 SECTION BECKETT BURNER RE-RATE KIT, 0.90 GPH	\$76
EW II	550002668	5 SECTION BECKETT BURNER RE-RATE KIT, 1.20/1.75 GPH	\$76
EW II	550002669	3 SECTION RIELLO BURNER RE-RATE KIT, 0.65/0.75/1.00 GPH	\$75
EW II	550002670	4 SECTION RIELLO BURNER RE-RATE KIT, .090/1.25/1.50 GPH	\$75
EW II	550002671	5 SECTION RIELLO BURNER RE-RATE KIT, 1.75 GPH	\$64
EW II	550002672	3 SECTION CARLIN BURNER RE-RATE KIT, 0.65/0.75/1.00 GPH	\$70
EW II	550002673	4 SECTION CARLIN BURNER RE-RATE KIT, 0.90/1.25/1.50 GPH	\$70
EW II	550002674	5 SECTION CARLIN BURNER RE-RATE KIT, 1.75 GPH	\$62
EW II	14624002	FILL-TROL #110 FOR WATER BOILERS 150 MBH OR LESS	\$321
EW II	14624003	FILL-TROL #111 FOR WATER BOILERS OVER 150 MBH	\$445

**This page is intentionally left blank,
products continue on the following page.**

ESC V Cast-Iron Steam Boilers

- MBH Input 126-294 (CH)
- Up to 82% AFUE
- Cast Iron Heat Exchanger with Cast Iron Push Nipples
- Cast Iron Swing out Burner Door and large flueways allow for easy cleaning and servicing
- Patented Heat Shield (US: 7, 823, 544)
- Honeywell Pressure Control, Boiler Water Level Gauge Glass, and Steam Pressure Gauge
- Electronic Low Water Cutoff (LWCO)
- Atmospheric Chimney Vent Boiler



Clearances	Combustible Materials ⁽¹⁾
Top	24" (610 mm)
Left	6" (152 mm)
Right	24" (610 mm)
Front	24" (610 mm)
Back	24" (610 mm)
Flue	9" (230 mm)
Floor	Non-Combustible

PLEASE NOTE: All installations on a combustible floor require a combustible floor base conforming to the requirements of the authority having jurisdiction. In the absence of such local requirements, installations shall conform to NFPA-31, Standard for the Installation of Oil Burning Equipment.

(1) Required distances measured from boiler.

General Information (See IOM for Complete Instructions)				
Model	ESC-3090	ESC-4125	ESC-5185	ESC-6210
Supply Tappings (2)	2" NPT			
Return Tapping	1 1/2"			
Electrical	120 Volts AC, 60 hertz, 1 phase, less than 12 amps (15 amp circuit recommended)			
Dimensions	Height	35 3/4"	35 3/4"	35 3/4"
	Width	21 7/8"	21 7/8"	21 7/8"
	Depth	16 3/8"	20 1/4"	23 5/8"
Weight	534 lbs	688 lbs	781 lbs	901 lbs

ESC V - Cast-Iron Steam Oil Boiler

Model	Item Number	Type	Input MBH	Htg. Cap. MBH	AHRI Net MBH	AHRI Net Sq. Ft. Steam	Burner	AFUE %	Firing Rate GPH	No. of Sect.	Shp. Wgt. lbs	Trade Price
ESC-3090S	ESC309031100503	LESS	126	106	80	333	BECKETT	82	0.90	3	534	\$3,658
ESC-4125S	ESC412531100503	LESS	175	147	110	458	BECKETT	82	1.25	4	688	\$4,220
ESC-5185S	ESC518531100503	LESS	259	216	162	675	BECKETT	82	1.85	5	781	\$4,577
ESC-6210S	ESC621031100503	LESS	294	247	185	771	BECKETT	82	2.10	6	901	\$5,002
ESC-3090ST	ESC309032100503	COIL	126	106	80	333	BECKETT	82	0.90	3	534	\$4,097
ESC-4125ST	ESC412532100503	COIL	175	147	110	458	BECKETT	82	1.25	4	688	\$4,660
ESC-5185ST	ESC518532100503	COIL	259	216	162	675	BECKETT	82	1.85	5	781	\$5,016
ESC-6210ST	ESC621032100503	COIL	294	247	185	771	BECKETT	82	2.10	6	901	\$5,443
ESC-3090S	ESC309021100503	LESS	126	106	80	333	LESS	82	0.90	3	534	\$2,812
ESC-4125S	ESC412521100503	LESS	175	147	110	458	LESS	82	1.25	4	688	\$3,377
ESC-5185S	ESC518521100503	LESS	259	216	162	675	LESS	82	1.85	5	781	\$3,762
ESC-6210S	ESC621021100503	LESS	294	247	185	771	LESS	82	2.10	6	901	\$4,160
ESC-3090S	ESC309022100503	COIL	126	106	80	333	LESS	82	0.90	3	534	\$3,253
ESC-4125S	ESC412522100503	COIL	175	147	110	458	LESS	82	1.25	4	688	\$3,817
ESC-5185S	ESC518522100503	COIL	259	216	162	675	LESS	82	1.85	5	781	\$4,093
ESC-6210S	ESC621022100503	COIL	294	247	185	771	LESS	82	2.10	6	901	\$4,454

ESC V (Use Parts Multiplier for All of the Following)

Model	Item Number	Description	Trade Price
ESC-3090S	550002710	ESC-3090 BECKETT AFG BURNER IN A BOX KIT	\$931
ESC-4125S	550002711	ESC-4125 BECKETT AFG BURNER IN A BOX KIT	\$931
ESC-5185S	550002712	ESC-5185 BECKETT AFG BURNER IN A BOX KIT	\$931
ESC-6210S	550002713	ESC-6210 BECKETT AFG BURNER IN A BOX KIT	\$931
ESC-3-4	240012544	ESC3-4 CARLIN BURNER IN A BOX KIT	\$934
ESC-5-6	240012545	ESC5-6 CARLIN BURNER IN A BOX KIT	\$945

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 @ 115° F	Continuous Rating gal/hr @ 115° F	Boiler Output Req. BTU/hr	Shp. Wgt. lbs	Trade Price
H2O 30 GL	H2OIG30DK	31	GLASS LINED	155	124	100,000	119	\$1,074
H2O 40 GL	H2OIG40DK	42	GLASS LINED	256	220	120,000	180	\$1,105
H2O 50 GL	H2OIG50DK	53	GLASS LINED	310	268	140,000	200	\$1,259
H2O 80 GL	H2OIG80DK	79	GLASS LINED	346	281	180,000	243	\$1,746
H2O 105 GL	H2OIG105DK	106	GLASS LINED	440	345	220,000	393	\$2,732

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	\$47
30-105 GAL.	AQ-020.01	AQUASTAT WELL	\$32
30-105 GAL.	240009521	AQUASTAT L4080B1352	\$130
30-50 GAL.	240012211	PLASTIC TOP CAP	\$26
80-105 GAL.	240012239	PLASTIC TOP CAP	\$36
40-105 GAL.	240012212	PLASTIC FRONT CAP	\$8
30 GAL.	550003640	ANODE KIT MAGNESIUM (INCLUDES ANODE, GASKET & BUSHING)	\$34
40-50 GAL.	550003505	ANODE KIT MAGNESIUM (INCLUDES ANODE, GASKET & BUSHING)	\$34
80-105 GAL.	550003527	ANODE KIT MAGNESIUM (INCLUDES ANODE, GASKET & BUSHING)	\$66
30 GAL.	550003693	ANODE KIT ALUMINUM (INCLUDES ANODE, GASKET & BUSHING)	\$33
40-50 GAL.	550003694	ANODE KIT ALUMINUM (INCLUDES ANODE, GASKET & BUSHING)	\$34
80-105 GAL.	550003695	ANODE KIT ALUMINUM (INCLUDES ANODE, GASKET & BUSHING)	\$66
30-50 GAL.	240012250	FLANGE CAP	\$36
80-105 GAL.	240012251	FLANGE CAP	\$13
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	\$96
H2O 40 GL	240012329	OUTSIDE TANK COVER	\$97
H2O 50 GL	240012330	OUTSIDE TANK COVER	\$104
H2O 80 GL	240012331	OUTSIDE TANK COVER	\$113
H2O 105 GL	240012332	OUTSIDE TANK COVER	\$127
30-50 GAL.	240012483	TEMPERATURE GAUGE	\$14
80-105 GAL.	240012484	TEMPERATURE GAUGE	\$21

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 @		Boiler Output Req. BTU/hr	Shp. Wgt. lbs	Trade Price
			140° F	115° F			
H2OI30DK	30	STANDARD	202	269	131,250	85	\$1,426
H2OI40DK	40	STANDARD	221	292	138,670	100	\$1,467
H2OI40LDK	42	LOWBOY	212	251	132,000	100	\$1,563
H2OI50DK	50	STANDARD	223	291	133,280	110	\$1,771
H2OI60DK	60	STANDARD	262	342	155,700	125	\$2,119
H2OI60LDK	60	LOWBOY	239	310	138,570	120	\$2,179
H2OI80DK	80	STANDARD	271	248	149,390	140	\$2,347
H2OI115DK	115	STANDARD	324	409	165,750	175	\$3,485
H2OI60HODK	60	HIGH OUTPUT	406	541	263,600	145	\$2,285
H2OI80HODK	80	HIGH OUTPUT	418	551	259,640	155	\$3,175
H2OI80HOC DK	80	HIGH OUTPUT COMMERCIAL	442	584	227,070	155	\$3,428
H2OI115HODK	115	HIGH OUTPUT	467	607	273,100	190	\$4,295
H2OI115HOC DK	115	HIGH OUTPUT COMMERCIAL	479	623	281,300	190	\$4,546
H2OI85XHOC DK	87	EXTRA HIGH OUTPUT	738	992	495,000	215	\$4,267
H2OI115XHOC DK	115	EXTRA HIGH OUTPUT	763	1017	495,000	240	\$5,064

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
H2OI60EDK	1"	23"	62"	135 lbs
H2OI80EDK	1"	28"	56"	145 lbs
H2OI115EDK	1"	28"	74"	180 lbs
H2OI60DDK	1"	23"	62"	165 lbs
H2OI80DDK	1"	28"	56"	175 lbs
H2OI115DDK	1"	28"	74"	205 lbs
H2OI60DEDK	1"	23"	62"	175 lbs
H2OI80DEDK	1"	28"	56"	185 lbs
H2OI115DEDK	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	\$2,719
H2OI80EDK	80	ELECTRIC BACK-UP	N/A	214	145	\$3,044
H2OI115EDK	115	ELECTRIC BACK-UP	N/A	214	180	\$4,115
H2OI60DDK	60	INDIRECT	185	214	165	\$2,810
H2OI80DDK	80	INDIRECT	180	214	175	\$3,200
H2OI115DDK	115	INDIRECT	190	214	205	\$4,097
H2OI60DEDK	60	ELECTRIC BACK-UP	185	214	175	\$3,798
H2OI80DEDK	80	ELECTRIC BACK-UP	180	214	185	\$4,289
H2OI115DEDK	115	ELECTRIC BACK-UP	190	214	215	\$5,381

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	\$1,269
H2OBT40114DK	40	HYDRONIC BUFFER TANK	87	\$2,221
H2OBT40112DK	40	HYDRONIC BUFFER TANK	87	\$2,221
H2OBT402DK	40	HYDRONIC BUFFER TANK	87	\$2,221
H2OBT60114DK	60	HYDRONIC BUFFER TANK	115	\$2,645
H2OBT60112DK	60	HYDRONIC BUFFER TANK	115	\$2,645
H2OBT602DK	60	HYDRONIC BUFFER TANK	115	\$2,645
H2OBT80114DK	80	HYDRONIC BUFFER TANK	125	\$2,918
H2OBT80112DK	80	HYDRONIC BUFFER TANK	125	\$2,918
H2OBT802DK	80	HYDRONIC BUFFER TANK	125	\$2,918
H2OBT115114DK	115	HYDRONIC BUFFER TANK	160	\$3,633
H2OBT115112DK	115	HYDRONIC BUFFER TANK	160	\$3,633
H2OBT1152DK	115	HYDRONIC BUFFER TANK	160	\$3,633
H2OBT40114WCDK	40	HYDRONIC BUFFER TANKS (WITH COIL)	97	\$2,847
H2OBT40112WCDK	40	HYDRONIC BUFFER TANKS (WITH COIL)	97	\$2,847
H2OBT402WCDK	40	HYDRONIC BUFFER TANKS (WITH COIL)	97	\$2,847
H2OBT60114WCDK	60	HYDRONIC BUFFER TANKS (WITH COIL)	125	\$3,026
H2OBT60112WCDK	60	HYDRONIC BUFFER TANKS (WITH COIL)	125	\$3,026
H2OBT602WCDK	60	HYDRONIC BUFFER TANKS (WITH COIL)	125	\$3,026
H2OBT80114WCDK	80	HYDRONIC BUFFER TANKS (WITH COIL)	135	\$3,610
H2OBT80112WCDK	80	HYDRONIC BUFFER TANKS (WITH COIL)	135	\$3,610
H2OBT802WCDK	80	HYDRONIC BUFFER TANKS (WITH COIL)	135	\$3,610
H2OBT115114WCDK	115	HYDRONIC BUFFER TANKS (WITH COIL)	170	\$4,394
H2OBT115112WCDK	115	HYDRONIC BUFFER TANKS (WITH COIL)	170	\$4,394
H2OBT1152WCDK	115	HYDRONIC BUFFER TANKS (WITH COIL)	170	\$4,394

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	\$1,267
H2OST40DK	40	STANDARD STORAGE TANK	90	\$1,309
H2OST60DK	60	STANDARD STORAGE TANK	115	\$1,908
H2OST60LDK	60	LOWBOY STORAGE TANK	110	\$1,969
H2OST80DK	80	STANDARD STORAGE TANK	140	\$2,168
H2OST80CDK	80	COMMERCIAL STORAGE TANK	175	\$3,122
H2OST115DK	115	STANDARD STORAGE TANK	140	\$2,385
H2OST115CDK	115	COMMERCIAL STORAGE TANK	175	\$3,341

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: \$40,000 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 \$150 will apply to stop off locations within 100 miles of 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

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**

U.S. DISTRIBUTOR - RETURN MATERIAL POLICY

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.



2201 Dwyer Avenue, Utica, NY 13501
Tel. 800 325 5479
www.ecrinternational.com

All specifications subject to change without notice.
©2020 ECR International, Inc.
PN 240005064 REV. L [03/18/2020]