



US Trade Price Book - 2023

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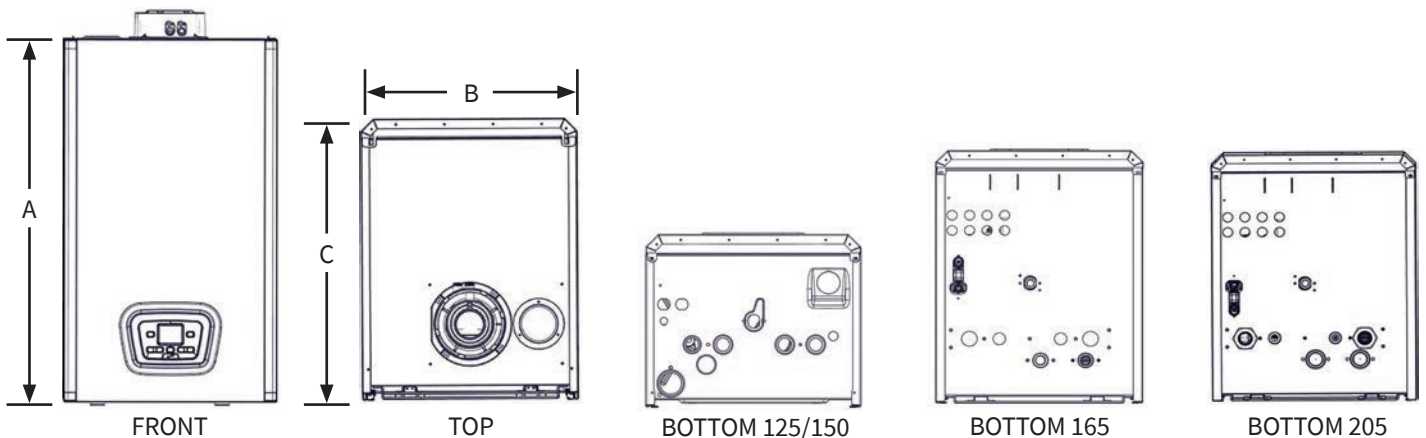
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DCC/DCB Stainless Steel Wall Hung Combi & Heating Boilers

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



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



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

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

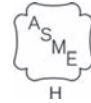
DCC/DCB (Use Parts Multiplier for All of the Following)

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

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

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

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

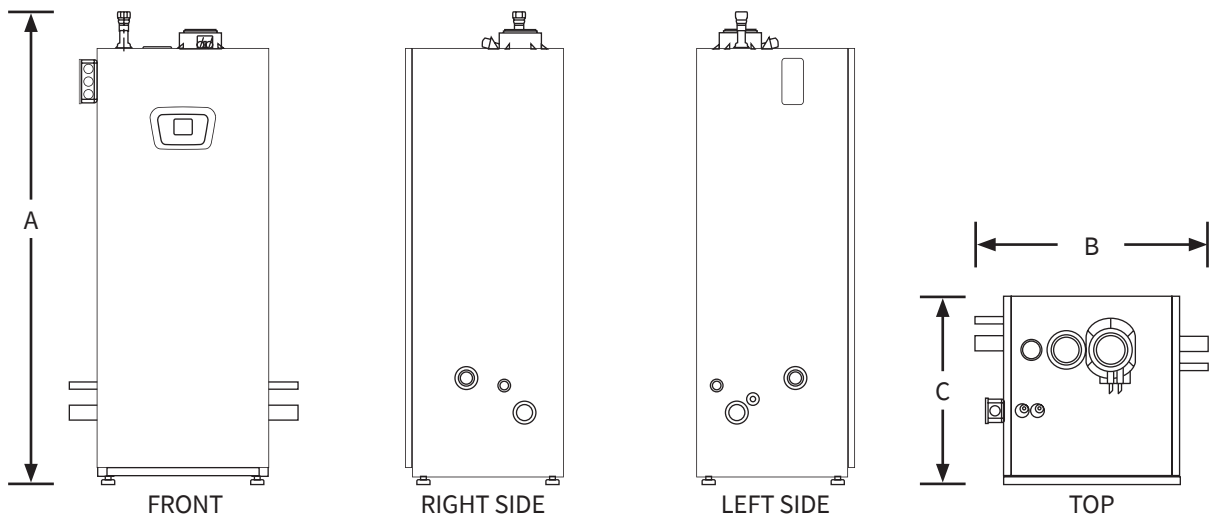


DCCF/DCBF Stainless Steel Floor Standing Combi & Heating Boilers

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



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



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

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

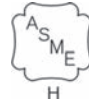
DCCF/DCBF (Use Parts Multiplier for All of the Following)

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

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

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

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

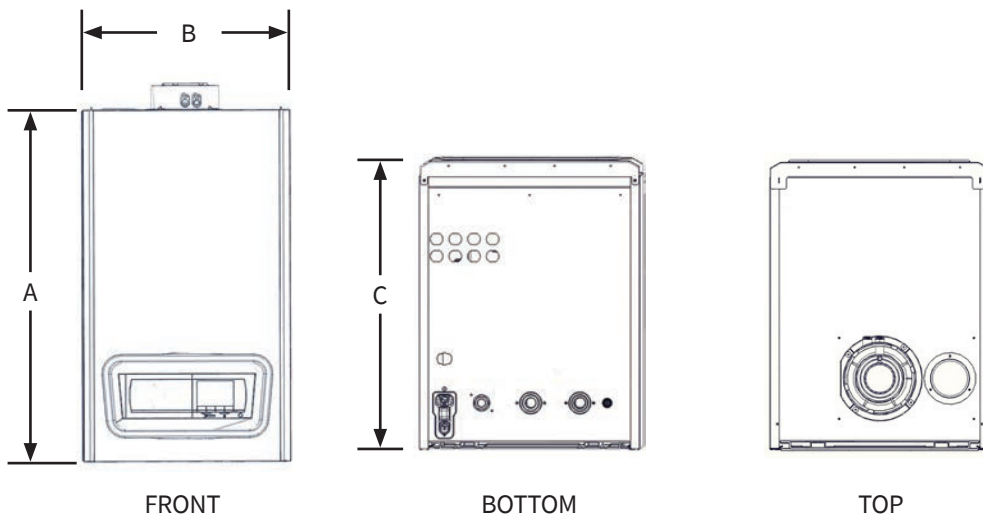


DMG 240 Stainless Steel Wall Hung Heating Boilers

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



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



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

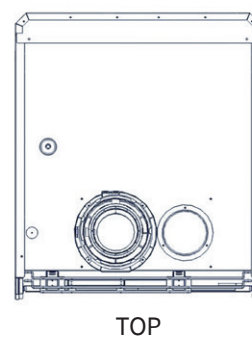
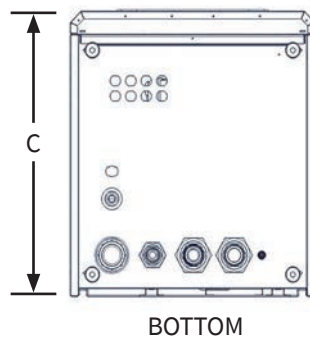
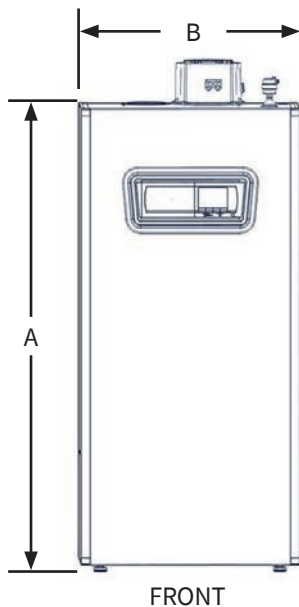
| DMG 240 (Use Parts Multiplier for All of the Following) | | | |
|---|--------------------|--|--------------------|
| Model | Item Number | Description | Trade Price |
| DMG 240 | 550003322 | MANUAL RESET HIGH LIMIT KIT L4006E1109 | \$334 |
| DMG 240 | 550003323 | MANUAL RESET LWCO KIT | \$321 |
| DMG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

DMG 380 Stainless Steel Floor Standing Heating Boilers

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



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



DMG 380 - Stainless Steel Floor Standing Heating Boilers

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

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

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

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

| | | | |
|---------|------------|--|-------|
| DMG 380 | BD7106314V | TO CONVERT FROM CONCENTRIC TO 4" TWIN PIPE POLYPROPYLENE | \$164 |
|---------|------------|--|-------|

NOTE: Twin pipe venting is polypropylene only. CPVC adapter not available.


















MBC Multiple Boiler Control

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









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



VENTING

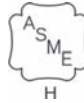
| Coaxial Venting (Use Parts Multiplier for All of the Following) | | | | | | | |
|---|---------|---------|---------|---|--------------|--|-------------|
| 75/100/115 125/150 | 165/205 | DMG 240 | DMG 380 | Image | Item Number | Description | Trade Price |
| X | | | |  | KUG714059511 | 2"x4" (60/100mm)COAXIAL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

VENTING

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

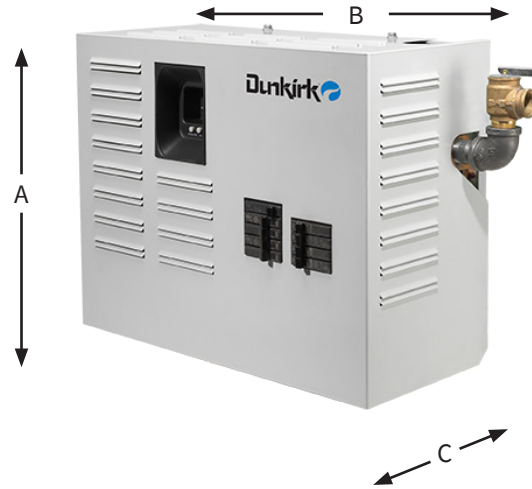
VENTING

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



AT SERIES Electric Wall Hung Boilers

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



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

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

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

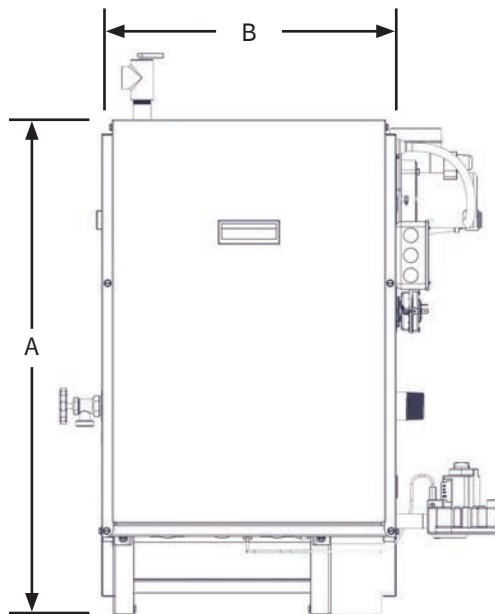
| AT Series Electric Boiler Service Parts (Use Parts Multiplier for the Following) | | | |
|--|-------------|--|-------------|
| Model | Item Number | Description | Trade Price |
| AT | 1260006 | Temperature/Pressure Gauge | \$34 |
| AT | B27 | Circuit Breaker 40 A - 2 Pole - G.E. THQP 240 | \$82 |
| AT | B28 | Circuit Breaker 15 A - 1 Pole - G.E. THQP 115 | \$54 |
| AT | 550003228 | Pressure Vessel - Cast Iron, 4 Element | \$541 |
| AT | 550003227 | Pressure Vessel - Cast Iron, 2 Element | \$375 |
| AT | E13 | Heating Element - 3KW/240 Volt | \$90 |
| AT | E14 | Heating Element - 4KW/240 Volt | \$112 |
| AT | E15 | Heating Element - 5KW/240 Volt | \$117 |
| AT | E16 | Heating Element - 6KW/240 Volt | \$123 |
| AT | G12 | Gasket - Heating Element | \$7 |
| AT | VR-001.01 | Relief Valve - 30 PSI | \$34 |
| AT | B194 | Neutral Terminal Block | \$106 |
| AT | I25 | Load Center Assembly - G.E. TLM812U2 | \$177 |
| AT | L9 | Ground Connection Lug | \$17 |
| AT | S47 | Safety Limit Control (High Limit - Fixed Temp) | \$32 |
| AT | Z59 | Breaker Boiler Cover | #N/A |
| AT | 240004756 | Brass Well | \$32 |
| AT | E1 | Elbow 3/4" x 90° | \$4 |
| | 119000002 | Transformer 115/24V, 40 VA | \$46 |
| AT | 240010289 | Water Temperature Sensor Kit | \$79 |
| AT | 240010295 | Control Board - 2 Element, kit, includes wires | \$711 |
| AT | 240010296 | Control Board - 4 Element, kit, includes wires | \$769 |
| AT | 109008918 | Cabinet | #N/A |

XEB Cast Iron Induced Draft Chimney/Side Wall Vented Boilers

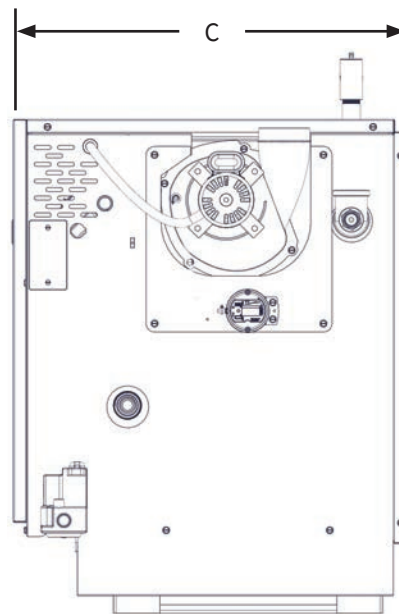
- MBH Input 42.5 - 187.5 (CH)
- Up to 84.4% AFUE
- Dependable Cast Iron Heat Exchanger with Cast Iron Push Nipples
- Honeywell High Limit/Electronic Ignition Control
 - Recessed under the boiler's protective jacket
 - Digital Temperature display and diagnostics
 - Plug in connection for the inducer fan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



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



FRONT



RIGHT SIDE

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

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

XEB - LP

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

XEB - High Altitude

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

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

XEB (Use Parts Multiplier for All of the Following)

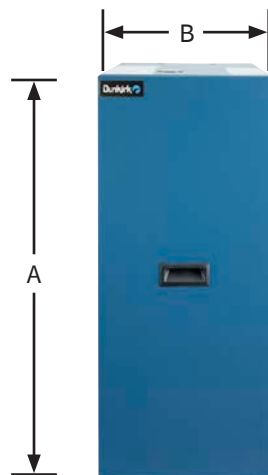
| Model | Item Number | Description | Trade Price |
|-----------|-------------|---|-------------|
| XEB | 550002722 | NATURAL GAS TO LP CONVERSION KIT (ALL SIZES) | \$120 |
| XEB | 43300660 | LP TO NATURAL GAS CONVERSION KIT (ALL SIZES) | \$131 |
| XEB-2 | 550004122 | *NATURAL GAS HIGH ALTITUDE CONVERSION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

DXL-K Cast Iron Chimney Vented Boilers

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



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



FRONT



LEFT SIDE

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

DXL-K - LP

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

DXL-K - High Altitude

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

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

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

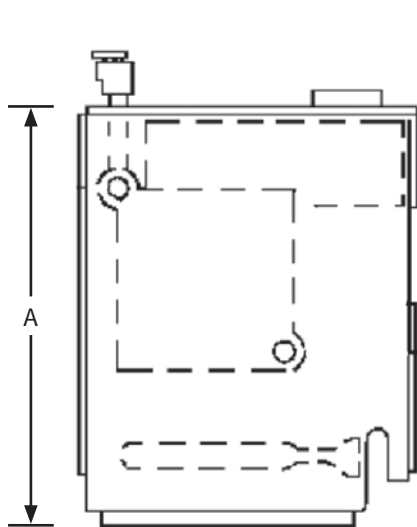
| Model | Item Number | Description | Trade Price |
|-------|-------------|---|-------------|
| DXL-K | 550003778 | CONVERSION KIT NAT. TO LP | \$97 |
| DXL-K | 550003884 | CONVERSION KIT LP TO NAT. | \$107 |
| DXL-K | 550004368 | *NATURAL GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION | \$80 |
| DXL-K | 550004373 | *LP GAS HIGH ALTITUDE CONVERSION KIT - 5000' ELEVATION | \$80 |
| DXL-K | 14624002 | FILL-TROL #110 FOR WATER BOILERS 150 MBH OR LESS | \$421 |
| DXL-K | 14624003 | FILL-TROL #111 FOR WATER BOILERS OVER 150 MBH | \$585 |

WPSB Cast Iron Integral Draft Diverter Boilers

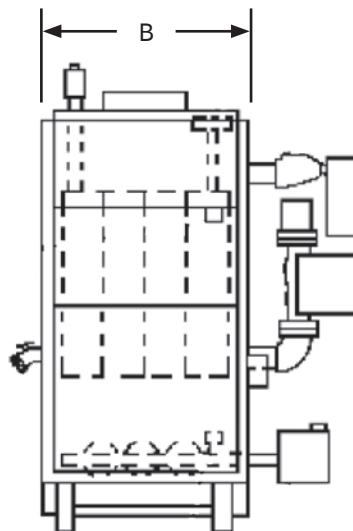
- MBH Input 75 - 299 (CH)
- Up to 84.1% AFUE
- Dependable Cast Iron Heat Exchanger with Cast Iron Push Nipples
- Hydrolevel FuelSmart Control
- Digital temperature display and diagnostics
- Plug in connection for the vent damper
- Plug in connection for the system pump
- Low Water Cut Off (LWCO)
- Control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



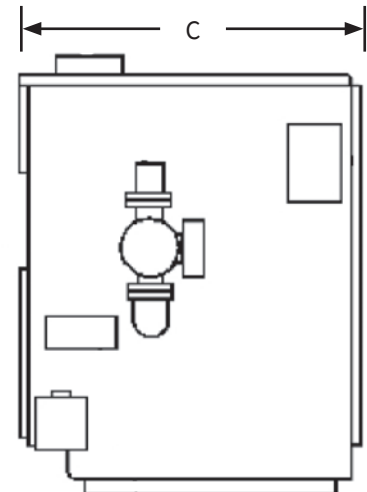
| General Information (See IOM for Complete Instructions) | | | | | | | |
|---|---|---------|---------|---------|---------|---------|---------|
| Model | WPSB-3 | WPSB-4 | WPSB-5 | WPSB-6 | WPSB-7 | WPSB-8 | WPSB-9 |
| Water Return/Supply | 1 1/4" NPT | | | | | | |
| Gas | 1/2" NPT | | | | | | |
| Electrical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



LEFT SIDE



FRONT



RIGHT SIDE

WPSB - Cast Iron Integral Draft Diverter Boilers

| Model | Item Number | Input MBH | Htg. Cap. MBH | AHRI Net MBH | AFUE | Fuel | Pump | Shp. Wgt. lbs | Trade Price |
|---------|-----------------|-----------|---------------|--------------|-------|------|----------|---------------|-------------|
| WPSB-3D | WPS307503200303 | 75 | 63 | 55 | 84.0% | NAT | LESS | 315 | \$3,419 |
| WPSB-4D | WPS411203200303 | 112.5 | 94 | 82 | 84.0% | NAT | LESS | 377 | \$3,793 |
| WPSB-5D | WPS515003200303 | 150 | 126 | 110 | 84.1% | NAT | LESS | 453 | \$4,186 |
| WPSB-6D | WPS618703200303 | 187.5 | 157 | 137 | 84.1% | NAT | LESS | 534 | \$4,697 |
| WPSB-7D | WPS722503200303 | 225 | 188 | 163 | 84.0% | NAT | LESS | 601 | \$5,140 |
| WPSB-8D | WPS826203200303 | 262 | 221 | 191 | 84.0% | NAT | LESS | 665 | \$5,542 |
| WPSB-9D | WPS929903200303 | 299 | 252 | 218 | 84.0% | NAT | LESS | 750 | \$6,403 |
| WPSB-3D | WPS307503240303 | 75 | 63 | 55 | 84.0% | NAT | TACO ECM | 315 | \$3,524 |
| WPSB-4D | WPS411203240303 | 112.5 | 94 | 82 | 84.0% | NAT | TACO ECM | 377 | \$3,898 |
| WPSB-5D | WPS515003240303 | 150 | 126 | 110 | 84.1% | NAT | TACO ECM | 453 | \$4,289 |
| WPSB-6D | WPS618703240303 | 187.5 | 157 | 137 | 84.1% | NAT | TACO ECM | 534 | \$4,804 |
| WPSB-7D | WPS722503240303 | 225 | 188 | 163 | 84.0% | NAT | TACO ECM | 601 | \$5,245 |
| WPSB-8D | WPS826203240303 | 262 | 221 | 191 | 84.0% | NAT | TACO ECM | 665 | \$5,646 |
| WPSB-9D | WPS929903240303 | 299 | 252 | 218 | 84.0% | NAT | TACO ECM | 750 | \$6,508 |
| WPSB-3D | WPS307503220303 | 75 | 63 | 55 | 84.0% | NAT | GRUNDFOS | 315 | \$3,524 |
| WPSB-4D | WPS411203220303 | 112.5 | 94 | 82 | 84.0% | NAT | GRUNDFOS | 377 | \$3,898 |
| WPSB-5D | WPS515003220303 | 150 | 126 | 110 | 84.1% | NAT | GRUNDFOS | 453 | \$4,289 |
| WPSB-6D | WPS618703220303 | 187.5 | 157 | 137 | 84.1% | NAT | GRUNDFOS | 534 | \$4,804 |
| WPSB-7D | WPS722503220303 | 225 | 188 | 163 | 84.0% | NAT | GRUNDFOS | 601 | \$5,245 |
| WPSB-8D | WPS826203220303 | 262 | 221 | 191 | 84.0% | NAT | GRUNDFOS | 665 | \$5,646 |
| WPSB-9D | WPS929903220303 | 299 | 252 | 218 | 84.0% | NAT | GRUNDFOS | 750 | \$6,508 |
| WPSB-3D | WPS307503230303 | 75 | 63 | 55 | 84.0% | NAT | B&G | 315 | \$3,524 |
| WPSB-4D | WPS411203230303 | 112.5 | 94 | 82 | 84.0% | NAT | B&G | 377 | \$3,898 |
| WPSB-5D | WPS515003230303 | 150 | 126 | 110 | 84.1% | NAT | B&G | 453 | \$4,289 |
| WPSB-6D | WPS618703230303 | 187.5 | 157 | 137 | 84.1% | NAT | B&G | 534 | \$4,804 |
| WPSB-7D | WPS722503230303 | 225 | 188 | 163 | 84.0% | NAT | B&G | 601 | \$5,245 |
| WPSB-8D | WPS826203230303 | 262 | 221 | 191 | 84.0% | NAT | B&G | 665 | \$5,646 |
| WPSB-9D | WPS929903230303 | 299 | 252 | 218 | 84.0% | NAT | B&G | 750 | \$6,508 |

WPSB - LP

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

WPSB - High Altitude

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

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

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

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

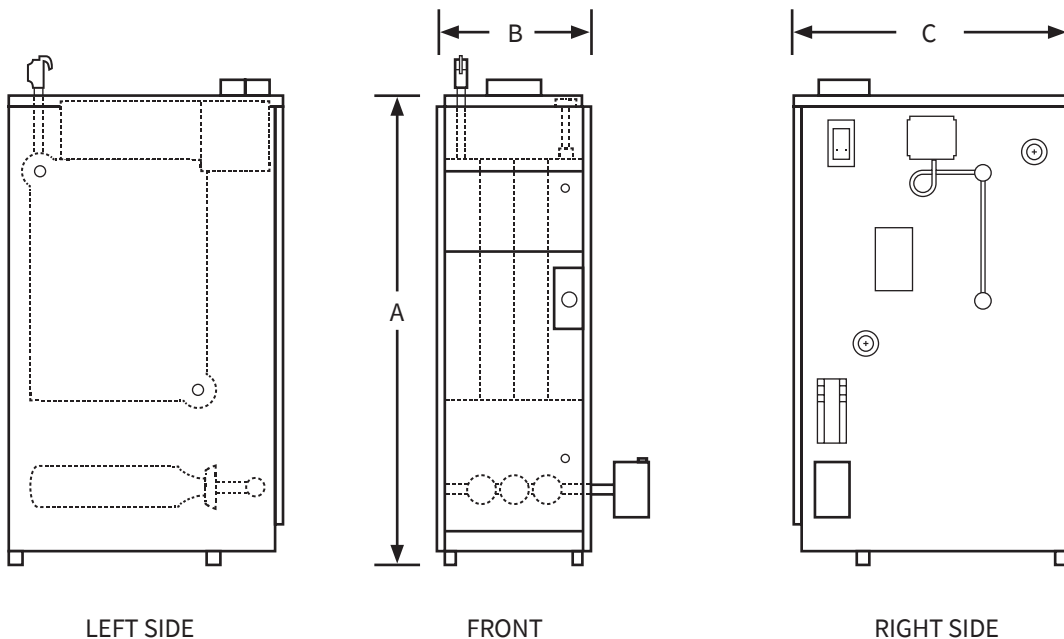
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PSB Cast Iron Steam Boilers

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



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



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

PSB - LP

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

PSB - High Altitude

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

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

PSB (Use Parts Multiplier for All of the Following)

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

D249 Cast Iron Commercial Steam Boilers

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

Electronic Ignition Base Standard Equipment:

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

Steam Trim Package:

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



Plug 'N Play Harness and Junction Box

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

CSD-1 Options

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

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

D249 - Cast Iron Commercial Steam Boiler

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

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

D249 - Knock Down Components & Optional Equipment

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

D249 (Use Parts Multiplier for All of the Following)

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

D249 - Standard Equipment

Standard Equipment:

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

CSD-1 Control Requirements

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

Steam Boiler with Boiler Feed Pump Return System

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

Steam Boiler with Gravity or Condensate Pump Return

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

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

Fuel Train

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

Notes:

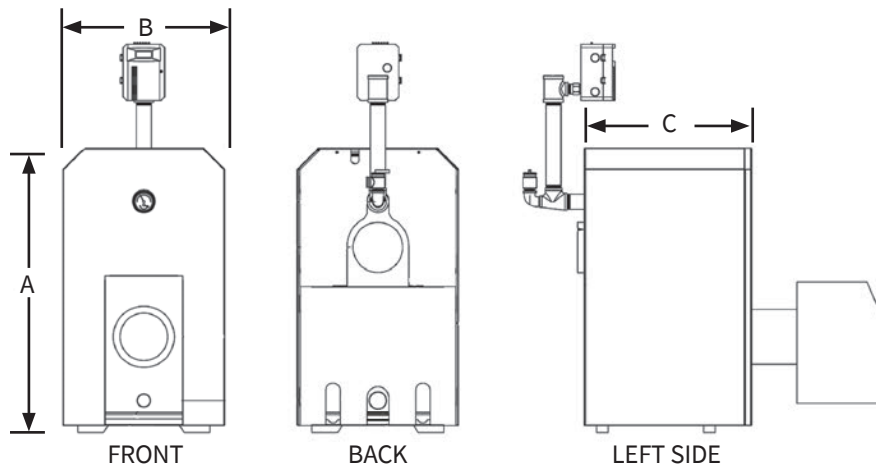
1. The D249-300 and D249-400 do not require fuel train modifications for CSD-1. The standard fuel train is furnished.
2. Control equipment is included to meet Dunkirk's interpretation of CSD-1. Consult local authorities before the installation of the boiler. Additional controls, if required can be provided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

EXCELSIOR EXB Cast Iron 3-Pass Oil Boilers

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



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



DHW MODULE Domestic Hot Water Module (Sold Separately)

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



EXCELSIOR EXB - Cast Iron 3-Pass Oil Boiler

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

DHW Module

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

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

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

EXCELSIOR EXB - Venting Options & Additional Equipment

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

EXCELSIOR EXB - Replacement Oil Burners

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

EXCELSIOR EXB - Replacement Oil Burners - Continued

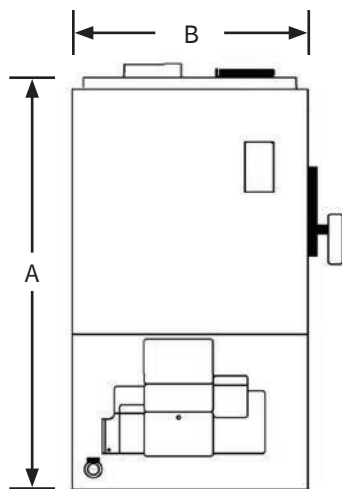
| Model | Item Number | Description | Trade Price |
|--|--------------------|--|--------------------|
| EXB4075 | 550004238D | BECKETT DIRECT VENT MODEL NX | \$1,135 |
| EXB5100 | 240007532D | BECKETT DIRECT VENT MODEL NX | \$1,182 |
| EXB6130 | 240007533D | BECKETT DIRECT VENT MODEL NX | \$1,095 |
|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

EMPIRE EWC Cast Iron Chimney Vented Oil Boilers

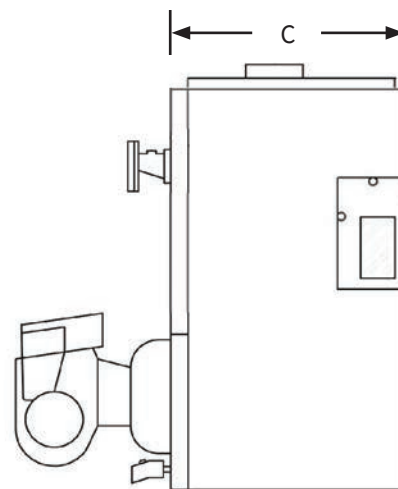
- MBH Input 112 - 217 (CH)
- Up to 86.2% AFUE
- Cast Iron Heat Exchanger with Cast Iron Push Nipples
- Swing out Burner Door
- Hydrolevel Operating Control
 - Digital display and diagnostics
 - Adjusts water temperature based on your heating system demand
 - Built-in Low Water Cut Off (LWCO)
- Optional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



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



FRONT



RIGHT SIDE

EMPIRE EWC - Cast Iron Chimney Vent Oil Boiler

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

EMPIRE EWC - Cast Iron Chimney Vent Oil Boiler - Continued

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

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

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

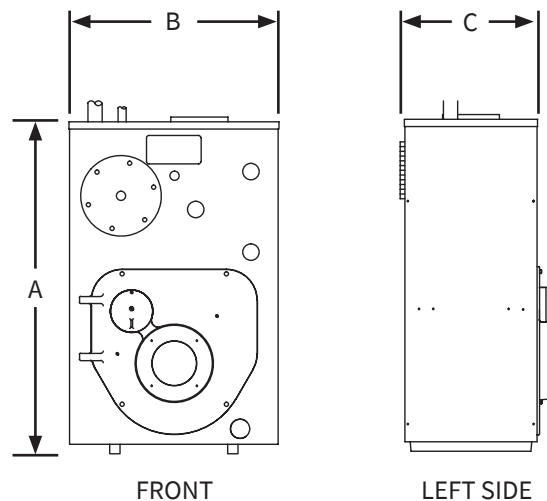
| EMPIRE EWC (Use Parts Multiplier for All of the Following) | | | |
|---|--------------------|--|--------------------|
| Model | Item Number | Description | Trade Price |
| EWC | 550004243 | 4 SECTION BECKETT BURNER RE-RATE KIT, 1.25 TO 1.00 | \$86 |
| EWC | 550004244 | 4 SECTION BECKETT BURNER RE-RATE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

SBO Cast Iron Steam Oil Boilers

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



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



SBO - Cast Iron Steam Oil Boiler Less Burner

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

SBO (Use Equipment Multiplier for All of the Following)

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

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

Tankless Coil Kits are sold separately.

SBO (Use Parts Multiplier for All of the Following)

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

H2O GL Single Coil Glass Lined Indirect Water Heaters

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



(H2O40GL Model Shown)

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

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

H2O SC Single Coil Stainless Steel Indirect Water Heaters

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



H2O

I

Indirect

30

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

L

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

DK

DK=Dunkirk

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

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

H2O DC Single & Dual Coil Stainless Steel Solar Water Heaters

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



H2O

I

Indirect

60

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

D

D=Dual Coil

E

E=Electric Backup
 (3500 Watts)

DK

DK=Dunkirk

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

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

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

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



H2O

BT
 BT=Buffer Tank

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

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

WC
 WC=With Coil

DK
 DK=Dunkirk

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

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

H2O ST Stainless Steel Storage Tanks

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



H2O

ST

ST=Storage

30

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

L

Type:
 L=Lowboy
 C=Commercial

DK

DK=Dunkirk

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

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

TERMS & CONDITIONS OF SALE - GENERAL TERMS

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

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

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

SHIPMENTS

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

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

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

See Shipping and Delivery Policy for full details.

SALES ORDER INFORMATION CHECK LIST

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

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

Send orders to:

E-mail: ecrorderentry@ecrinternational.com

Fax: (315) 724-9319

Please note the following Remit to Address:

ECR International, Inc.

P.O. Box 8000 Department 039

Buffalo, NY 14267

SHIPPING AND DELIVERY POLICY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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products continue on the following page.**



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www.dunkirk.com



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www.ecrinternational.com

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