STANDARD EQUIPMENT FURNISHED
Pressure Vessel: 150 PSI ASME stamped with “H” cloverleaf. 289° (83.5%) 15 PSI ASME stamped with “S” cloverleaf.
Handles: Biased 400 PSI at larger pressure boilers and 280 PSI at lower pressure boilers.
Refilling Valve: 3/4" NPT-1/2" 4-1/2"-1/2.
Energy: 10 horsepower. Temperature setting to ensure high efficiency. Insulated in each vessel.
Insulation: 2" fiberglass with double painted steel jacket with high efficiency. Installed in each tube.
Rear Doors: Gravity operated for rear access and safety.
Burner Assembly: Hinged to shell including:
• Fully modulating burner with parallel positioning controls. (Includes Parts & Labor)
• High Pressure/Power burner.
• Low Water Cut-Off: MMW01-M series with manual reset (Prada on 15 PSI).
Pressure Switch: 150 PSI-350 PSI_2 inch rating.
Lifting Eyes: One or more provided on each vessel.
Base: Heavy duty structural steel stand.
Flame Observation Ports: Includes all the advantages of the Immersion Boiler Series. For use in non-PM NOx applications.

Advantages of the Sellers S-Series
• Absolutely No Thermal Shock
• Lowest Life Cycle Maintenance Costs
• Single Source Burner – Boiler Package
• Fully modulating burner package
• On-Off Immersion Boiler package. For use in industrial applications that require full capability more than 75% of its design pressure rating.
• Immersion plain tube boiler design offers most versatile fuel applications that require full capacity more than 75% of its design pressure rating.
• The high percentage of radiant heating surface, the low heat input per cubic foot, and the even distribution of heat throughout the vessel virtually eliminate thermal stress problems that are common in multiple pass boilers.

OTHER CONFIGURATIONS AVAILABLE
For more information on any of the Sellers Immersion Boiler Series visit www.sellersmfg.com
GAS REQUIREMENTS
Main and pilot gas pressure regulators are supplied with each boiler. Refer to the chart below for gas pressure requirements. Pressure shown are with the unit running. For pressure above 10 PSI, install a second regulator to reduce the pressure to the standard range.

<table>
<thead>
<tr>
<th>PRESSURE (PSI)</th>
<th>GAS REQUIREMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-8</td>
<td>Gas must be provided at 5-8 gpm at 20°F water temperature to prevent the burner. Cross ventilation is preferred in lieu of a single opening.</td>
</tr>
</tbody>
</table>

BLOWER HORSEPOWER:

BLOWER INSTALLATION CLEARANCES:

FLUE LOCATION

VERTICAL LOCATION (NOTE 10)

PILOT BURNER VALVE IPS

FEEDWATER INLET LOCATION

STEAM OUTLET LOCATION

MANUAL FILL LOCATION

BLOWDOWN LOCATION

BLOWDOWN SIZE

SHELL CONNECTIONS:

BURNER WIDTH

SECONDARY AIR CAP HEIGHT

FLUE SIZE (NOTES 6 & 9)

HORIZONTAL LOCATION (NOTE 4)

GAS CONNECTIONS:

STEAM OUTLET LOCATION

FEEDWATER INLET LOCATION

STEAM OUTLET LOCATION

MANUAL FILL LOCATION

BLOWDOWN LOCATION

BLOWDOWN SIZE

SHELL CONNECTIONS:

BURNER WIDTH

SECONDARY AIR CAP HEIGHT

FLUE SIZE (NOTES 6 & 9)

HORIZONTAL LOCATION (NOTE 4)

GAS CONNECTIONS:

STEAM OUTLET LOCATION

FEEDWATER INLET LOCATION

MANUAL FILL LOCATION

BLOWDOWN LOCATION

BLOWDOWN SIZE

SHELL CONNECTIONS:

BURNER WIDTH

SECONDARY AIR CAP HEIGHT

FLUE SIZE (NOTES 6 & 9)

HORIZONTAL LOCATION (NOTE 4)

GAS CONNECTIONS:

STEAM OUTLET LOCATION

FEEDWATER INLET LOCATION

MANUAL FILL LOCATION

BLOWDOWN LOCATION

BLOWDOWN SIZE

SHELL CONNECTIONS:

BURNER WIDTH

SECONDARY AIR CAP HEIGHT

FLUE SIZE (NOTES 6 & 9)

HORIZONTAL LOCATION (NOTE 4)

GAS CONNECTIONS:

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BLOWDOWN LOCATION

BLOWDOWN SIZE

SHELL CONNECTIONS:

BURNER WIDTH

SECONDARY AIR CAP HEIGHT

FLUE SIZE (NOTES 6 & 9)

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GAS CONNECTIONS:

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