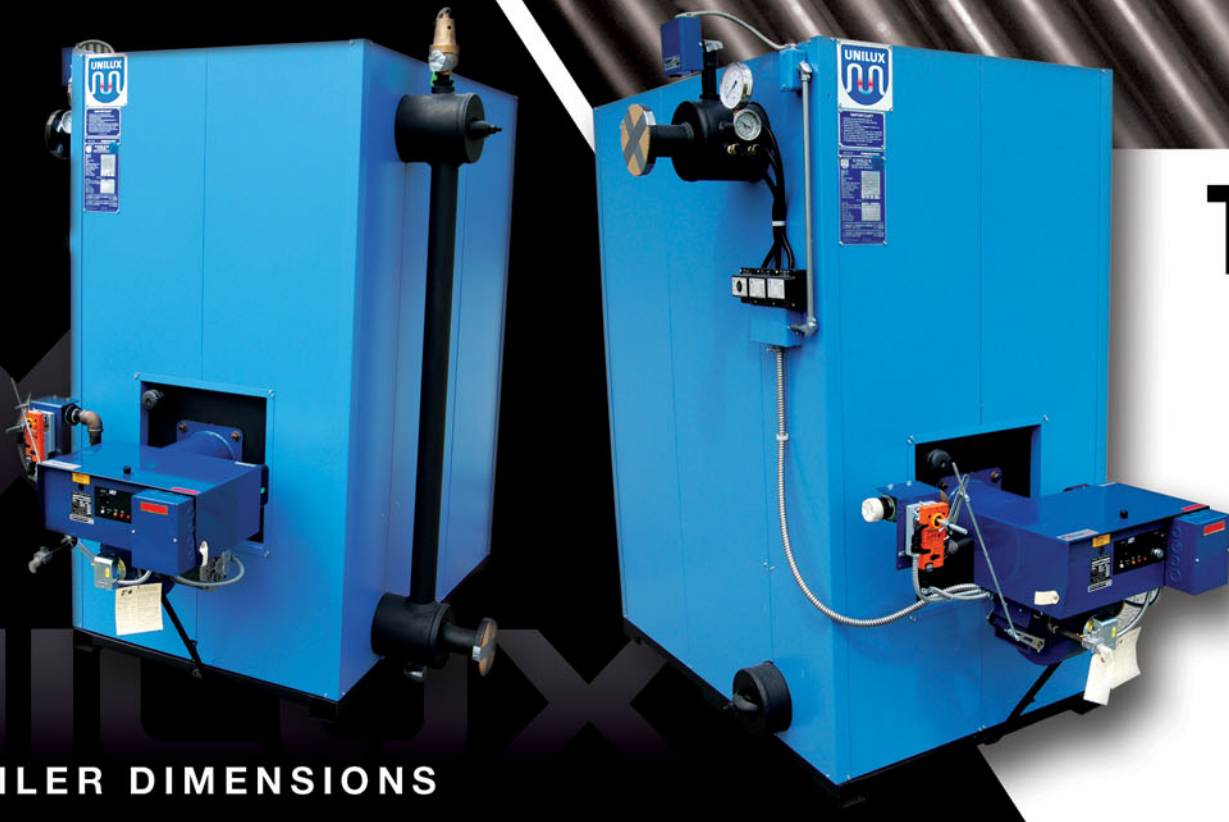


VZ / SPEC SHEET



UNILUX

A D V A N C E D M A N U F A C T U R I N G



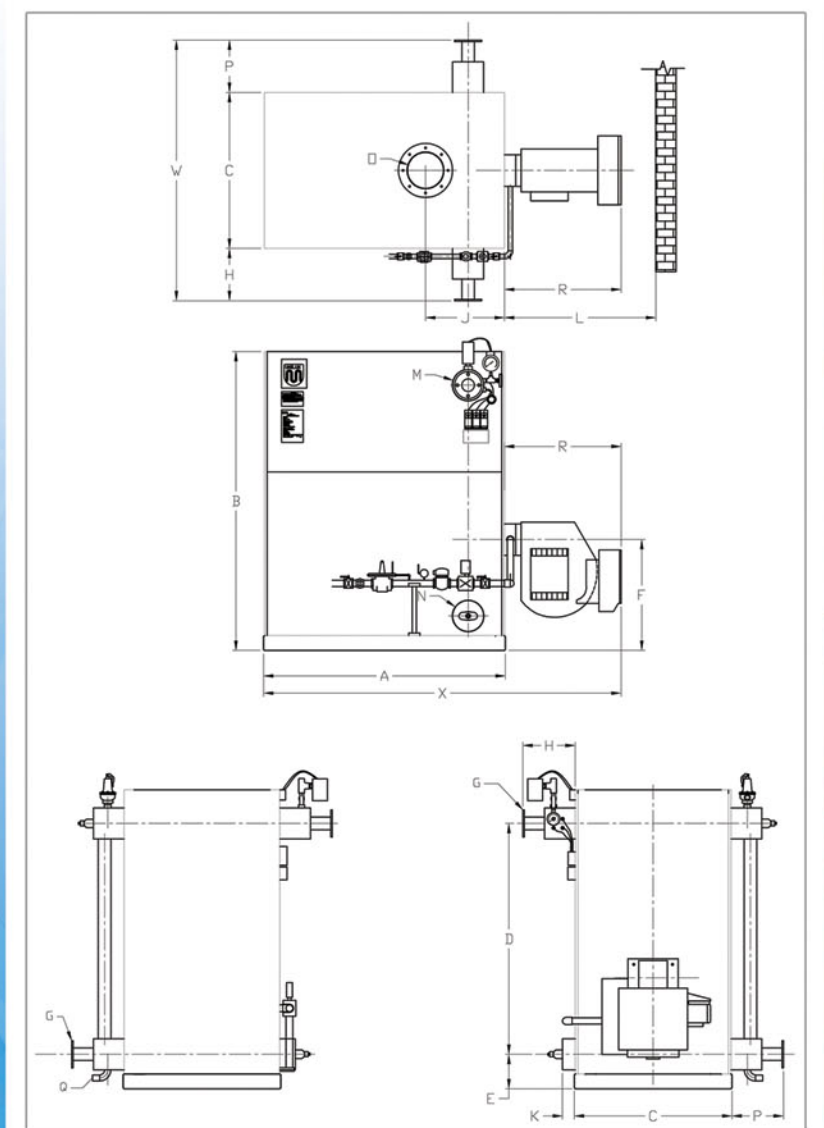
THE UNILUX "VZ" BOILER

The Unilux VZ boiler is a compact, easy to install, high efficiency packaged boiler. All VZ boilers include an easy access swing away front wall that allows quick and full access to facilitate fireside and burner head areas. Available from 25 BHP to 100 BHP, the VZ offers a highly efficient, easy to maintain design. Unilux's unique forced draft bent tube design makes the VZ impervious to thermal shock damage and comes standard with a 25 year vessel warranty!

Efficiencies are true to Unilux at 85% in a non-condensing mode. The vessel is fully fortified with an 11 gauge steel housing and heavy duty steel base and a fully insulated finish jacket with powder coat surface. Standard equipment includes a natural gas burner in a low-high-low or fully modulating configuration, solid state boiler level and safety controls and easy to read temperature and pressure gauges.

UNILUX "VZ" BOILER DIMENSIONS

| BOILER MODEL | | | VZ 100 | VZ 150 | VZ 200 | VZ 250 | VZ 300 | VZ 350 | VZ 400 |
|------------------------------------|---|-----|--------|----------|----------|----------|----------|----------|----------|
| Burner Input (APPROX) | | MBH | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 | 4000 |
| Boiler Length Over Jacket | A | In. | 50 | 67-1/16 | 67-1/16 | 67-1/16 | 76-3/4 | 76-3/4 | 76-3/4 |
| Boiler Height | B | In. | 81 | 87 | 87 | 87 | 87-7/8 | 87-7/8 | 87-7/8 |
| Boiler Base Width | C | In. | 37-3/4 | 43-3/4 | 43-3/4 | 43-3/4 | 49-11/16 | 49-11/16 | 49-11/16 |
| Center Lower Drum To Upper | D | In. | 62 | 68 | 68 | 68 | 69 | 69 | 69 |
| Center Of Lower Drum To Bottom | E | In. | 30-1/4 | 33-3/8 | 33-3/8 | 33-3/8 | 34-5/8 | 34-5/8 | 34-5/8 |
| Center Of Burner Opening To Bottom | F | In. | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Water Supply / Return, 150# FLGD. | G | In. | 2-1/2 | 3 | 3 | 3 | 3 | 3 | 3 |
| Nozzle Clearance Top, Left | H | In. | 14-1/2 | 14-1/2 | 14-1/2 | 14-1/2 | 14-1/2 | 14-1/2 | 14-1/2 |
| Center Flue Gas Outlet To Front | J | In. | 20-7/8 | 21-7/8 | 21-7/8 | 21-7/8 | 22-7/8 | 22-7/8 | 22-7/8 |
| Drum Clearance From Base, Lef | K | In. | 3-1/4 | 3-1/4 | 3-1/4 | 3-1/4 | 3-1/8 | 3-1/8 | 3-1/8 |
| Tube Pullout Clearance | L | In. | 32 | 48 | 48 | 48 | 58 | 58 | 58 |
| Upper Drum OD, NPS | M | In. | 8-5/8 | 8-5/8 | 8-5/8 | 8-5/8 | 8-5/8 | 8-5/8 | 8-5/8 |
| Lower Drum OD, NPS | N | In. | 8-5/8 | 8-5/8 | 8-5/8 | 8-5/8 | 8-5/8 | 8-5/8 | 8-5/8 |
| Flue Gas outlet Diameter, ID | O | In. | 8 | 10 | 10 | 10 | 12 | 12 | 12 |
| Nozzle Clearance From Base, Right | p | In. | 14-1/4 | 14-1/4 | 14-1/4 | 14-1/4 | 16-1/4 | 16-1/4 | 16-1/4 |
| Blow Down (NPT) | Q | In. | 1-1/2 | 1-1/2 | 1-1/2 | 1-1/2 | 1-1/2 | 1-1/2 | 1-1/2 |
| Burner Approx. Length | R | In. | 35-1/8 | 35-1/8 | 35-1/8 | 35-1/8 | 40 | 40 | 40 |
| Overall Boiler Width | W | In. | 66-1/2 | 72-1/2 | 72-1/2 | 72-1/2 | 80-7/16 | 80-7/16 | 80-7/16 |
| Overall Length With Burner | X | In. | 85-1/8 | 102-3/16 | 102-3/16 | 102-3/16 | 116-3/4 | 116-3/4 | 116-3/4 |

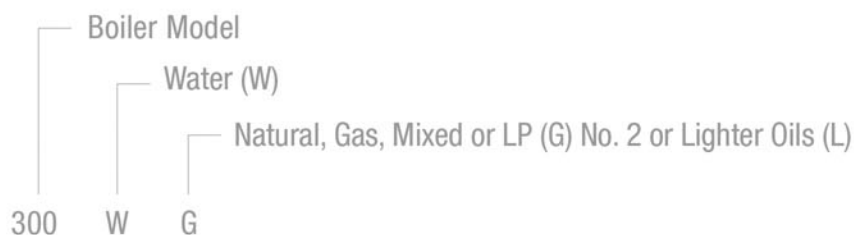


Note: Burner dimensions "R" is based upon approximate lengths of combustion equipment. Actual dimensions for "R" and "X" may vary accordingly.

UNILUX "VZ" BOILER CAPACITIES

| BOILER MODEL W | BURNER INPUT MBH | BOILER OUTPUT MBH | APPRXX BOILER HP BHP | SHIPPING WEIGHT LBS | OPERATING WEIGHT LBS | WATER CONTENT US GALLONS |
|----------------|------------------|-------------------|----------------------|---------------------|----------------------|--------------------------|
| 100 | 1000 | 850 | 25 | 200 | 2400 | 46 |
| 150 | 1500 | 1275 | 37 | 3000 | 3558 | 67 |
| 200 | 2000 | 1700 | 50 | 3000 | 3558 | 67 |
| 250 | 2500 | 2125 | 62 | 3000 | 3558 | 67 |
| 300 | 3000 | 2550 | 75 | 3800 | 4540 | 88 |
| 350 | 3500 | 2975 | 87 | 3800 | 4540 | 88 |
| 400 | 4000 | 3400 | 100 | 3800 | 4540 | 88 |

Order Number Procedure: Example - VZ300WG



Specifications are subject to change without notice.
Dimensions must be confirmed for construction.

Standard Equipment:

- * 25 Year Thermal Shock Warranty
- * Gauges
- * LWCO
- * Relief Valves
- * Solid State Boiler Controls

All Burner Equipment UL, CSA Approved



UNILUX REPRESENTATIVE

UNILUX ADVANCED MANUFACTURING, LLC
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Niskayuna, NY 12309

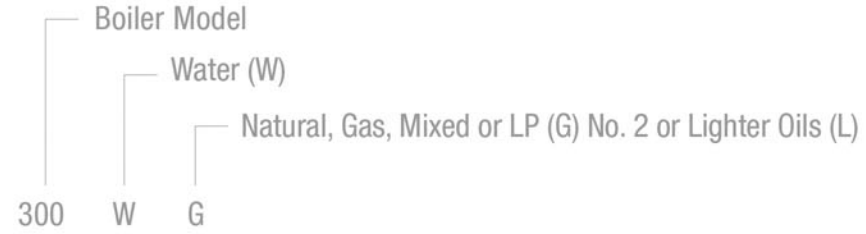
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