

*Ultra  
Oil*

## High-Efficiency Oil Boiler

### **ULTRA OIL**

Water - Chimney or Direct Vent

MBH: 98-172

Min. Efficiency: 86%



**WITH  
NEW BURNER  
OPTIONS**



**WEIL-McLAIN**

# Ultra Oil

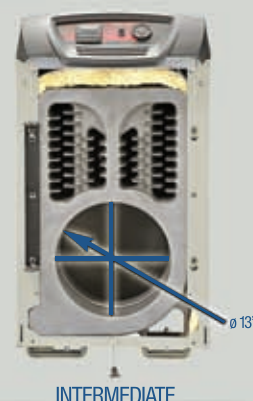
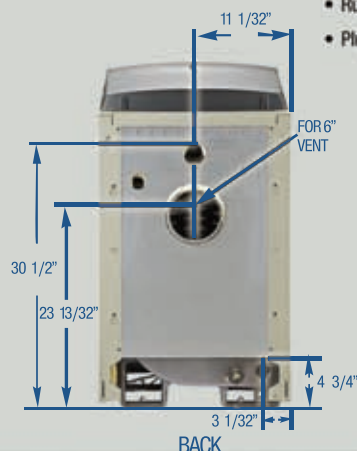


## High-Efficiency Oil Boiler Minimum Efficiency: 86%

| Models                                | U0-3                    | U0-3                    | U0-4                    | U0-5                    |
|---------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|                                       | Part No.<br>386-901-000 | Part No.<br>386-901-000 | Part No.<br>386-901-001 | Part No.<br>386-901-002 |
| <b>Ratings</b>                        |                         |                         |                         |                         |
| I=B=R Burner Capacity (GPH)           | 0.80                    | 1.00                    | 1.20                    | 1.40                    |
| CSA Input (MBH)                       | 112                     | 140                     | 168                     | 196                     |
| DOE Heating Capacity (MBH)            | 98                      | 122                     | 146                     | 172                     |
| Net I=B=R Ratings (MBH)               | 85                      | 106                     | 127                     | 150                     |
| DOE Seasonal Efficiency AFUE (%)      | 86.5                    | 86.5                    | 86.2                    | 86.5                    |
| Draft Loss Through Boiler (inches wc) | .000                    | .020                    | .025                    | .040                    |

|                             |            |            |            |            |
|-----------------------------|------------|------------|------------|------------|
| <b>Data</b>                 |            |            |            |            |
| I=B=R Chimney Rectangle     | 8"x8"      | 8"x8"      | 8"x8"      | 8"x8"      |
| I=B=R Chimney Round         | 6"         | 6"         | 6"         | 6"         |
| I=B=R Chimney Height        | 15'        | 15'        | 15'        | 15'        |
| Water Volume                | 15.00 Gal. | 15.00 Gal. | 18.25 Gal. | 21.50 Gal. |
| Approximate Shipping Weight | 636        | 636        | 737        | 852        |

|                         |        |        |        |        |
|-------------------------|--------|--------|--------|--------|
| <b>Dimensions</b>       |        |        |        |        |
| Supply Tapping          | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" |
| Return Tapping          | 1 1/2" | 1 1/2" | 1 1/2" | 1 1/2" |
| Depth – With Burner (B) | 37"    | 37"    | 41"    | 45"    |
| Depth – Boiler (L)      | 25"    | 25"    | 29"    | 33"    |



### Standard Equipment

- Three-pass cast iron heat exchanger with captured elastomer seals
- Reversible swing-away burner door
- Silicone coated fiberglass sealing rope
- Boiler drain
- Relief valve (30psi)
- Attractive jacket design
- Hinged control POD
- Service switch
- Temperature/pressure gauge
- Factory wired terminal strips with labeled wires (pre-wired to accept external limits such as high limit and low water cut off)
- Electronic aquastat
- Quick disconnect burner plug
- Barometric damper
- Circulator

### Optional Equipment

- Beckett NX – (Chimney or Direct Vent)
- Beckett AFG – (Chimney Vent Only)
- Riello – (Chimney or Direct Vent)
- Direct vent kit
- 50 psi relief valve

### Advanced Features Module (AFM)

- Outdoor Reset
- Low Temperature Mixing
- Setpoint Operation
- DHW Priority
- DHW Priority Override
- DHW Post Purge
- Stage Fire Two Boilers
- Minimum Boiler Setting
- Automatic Boiler Differential
- Boiler Protection
- Warm Weather Shutdown
- Freeze Protection
- Mixing Device Exercise
- Pump Exercise
- Test Sequence
- LCD Remote Display
- Run Hours Log
- Plug-in Terminals