DURASTAR®

FORCE

BOILERS



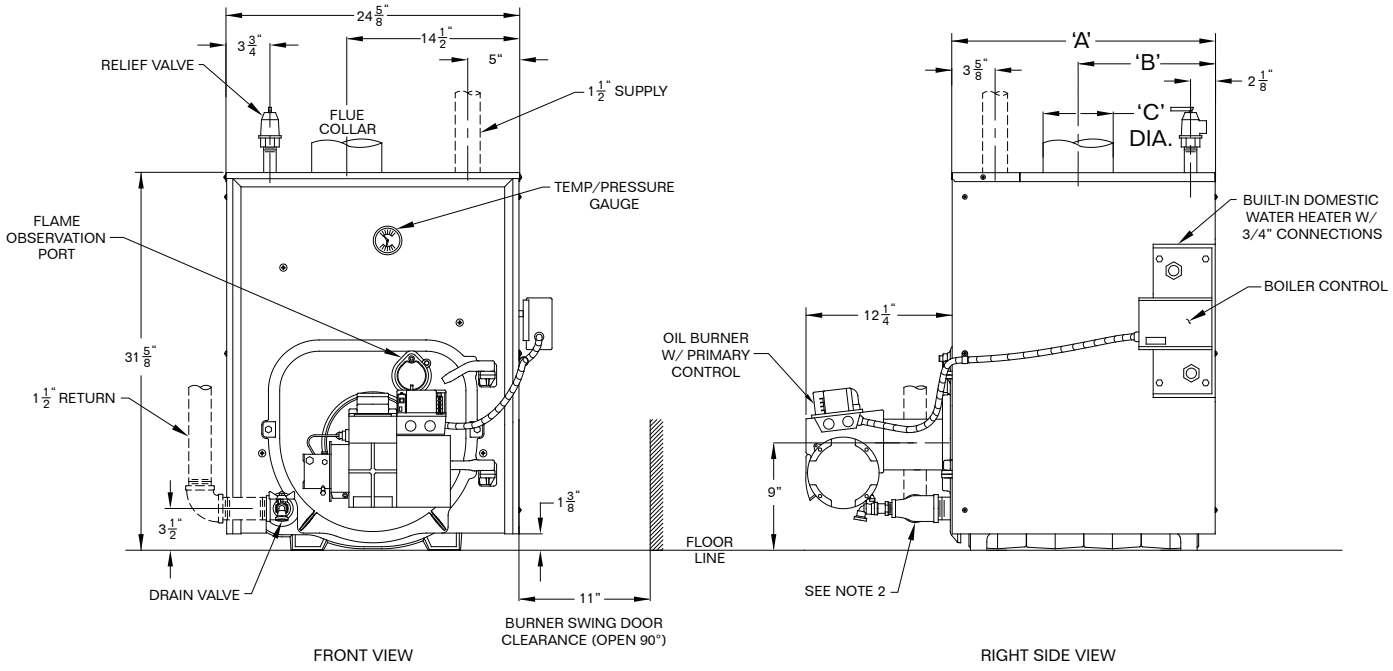

SPECIFICATION SHEET

# VFO OIL-FIRED CAST IRON BOILER

## Standard Features

- Offered exclusively by Ferguson
- Energy Star® certified 87% AFUE models available
- Available with tankless water heater (DHW coil)*
- Chimney vented
- Cast iron sectional heat exchanger
  - Assembled with reliable, long life, metal push nipples
- Swing-away cast iron burner door
- Grundfos® UPMS 20-78F circulator
- Beckett® AFG burner and GeniSys™ primary control
- Hydrolevel® Hydrostat™ 3250-plus combination high limit/ circulator relay control
  - Energy-saving thermal targeting software, outdoor reset available
- Fully packaged sectional oil boiler
- Tridicator temperature/pressure gauge
- ASME relief valve (30 PSI)
- Drain valve
- Fuel pump
- Electronic ignitor
- Made in USA
- Lifetime limited warranty on heat exchanger, one-year limited warranty on parts

*Tankless coil is optional, for model numbers with tankless coil, add a "T" after "FORCEVFO" (eg: FORCEVFOT-5-190); "ALT1" column numbers for boilers featuring tankless coils, add "T" as a suffix (eg: FORCEVFO3ET)




| Model* | Dimensions (in.) | | | Burner Capacity | | DOE Heating Capacity (MBH[2]) | Net AHRI Ratings (MBH[3]) | AFUE % | Ship Weight (lbs.) | Tankless DHW* (GPM) | ALT 1* | Replacement Nozzle |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | Flue Collar C | GPH | MBH[1] | | | | | | | |
| FORCEVFO-3-075 | 17-3/8 | 8-1/4 | 5-7/8 | 0.75 | 105 | 92 | 80 | 87.0 | 560 | 3.00 | FORCEVFO3E | – |
| FORCEVFO-3-100 | 17-3/8 | 8-1/4 | 5-7/8 | 1.00 | 140 | 122 | 106 | 86.3 | 560 | 3.25 | FORCEVFO3E** | 0.85 x 60B |
| FORCEVFO-4-120 | 22-3/8 | 10-7/8 | 6-7/8 | 1.20 | 168 | 148 | 129 | 87.0 | 680 | 3.75 | FORCEVFO4E | – |
| FORCEVFO-4-150 | 22-3/8 | 10-7/8 | 6-7/8 | 1.50 | 210 | 182 | 158 | 86.0 | 680 | 4.00 | FORCEVFO4E** | 1.25 x 60B |
| FORCEVFO-5-175 | 27-3/8 | 13-3/8 | 7-7/8 | 1.75 | 245 | 214 | 186 | 86.4 | 800 | 4.25 | FORCEVFO5E | – |
| FORCEVFO-5-190 | 27-3/8 | 13-3/8 | 7-7/8 | 1.90 | 266 | 231 | 201 | 86.1 | 800 | 4.75 | FORCEVFO5E** | 1.50 x 45B |

Minimum chimney requirements: 8"w x 8"d x 15'h

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** Requires field installation of Hago or Delevan replacement nozzle supplied with boiler.

1. MBH refers to thousands of BTU per hour.
2. Based on standard test procedure prescribed by the United States Department of Energy at combustion conditions of 13.0% C02.
3. Net AHRI ratings are based on piping and pickup allowance of 1.15 for water.

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