

## ProLine® & ProLine® Master ATMOSPHERIC VENT

### DESIGNED FOR PERFORMANCE

- ProLine® and ProLine® Master models are residential water heaters with commercial-grade quality
- DynaClean™ diffuser dip tube helps reduce lime and sediment buildup, maximizes hot water output and is made from long-lasting PEX cross-linked polymer
- Thermopile design provides robust pilot to withstand down drafts and environmental conditions
- Easy temperature adjustments
- Robust 1/4" pilot tubing
- Blue Diamond® glass coating protects steel tank from corrosion and maximizes tank life
- 3/4" side taps on 75 gallon model for combination applications

### SAFETY FEATURES

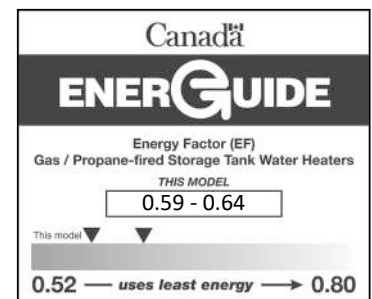
- If flammable vapours accidentally enter the combustion chamber, the arrestor is designed so flames burn off the top surface and can not escape down through the arrestor

### SERVICEABILITY

- Easy-to-access combustion chamber
- Conveniently located T&P and drain valve for ease of installation and serviceability
- Piezoelectric ignitor allows for push-button pilot lighting
- CoreGard™ magnesium anode with a stainless steel core protects the tank against corrosion
- LED indicator:
  - gives visual confirmation that pilot is on by flashing continuously
  - provides diagnostics and troubleshooting

### WARRANTY

- 6 year limited tank and parts warranty on ProLine® models
- 8 year limited tank and parts warranty on ProLine® Master models
- 2 and 4 year tank warranty extension kits are available for 6 year models



## PERFORMANCE

| MODEL              | SERIES  | CAPACITY | INPUT † | MAXIMUM CERTIFIED ALTITUDE | RECOVERY RATE AT 90°F TEMPERATURE RISE | FIRST HOUR RATING | ENERGY FACTOR | UEF  | WARRANTY TANK/PARTS |
|--------------------|---------|----------|---------|----------------------------|--|-------------------|---------------|------|---------------------|
|                    |         | USG (L)  | BTU/h   | FT (M)                     | GPH (LPH)                              | GPH (LPH)         |               |      | YEARS               |
| <b>NATURAL GAS</b> |         |          |         |                            |  |                   |               |      |                     |
| GCRL 30R           | 400/401 | 30 (114) | 32,000  | 10,100 (3,078)             | 32 (121)                               | 55 (208)          | 0.64          | 0.60 | 6/6                 |
| GCRL 40            | 400/401 | 40 (151) | 40,000  | 10,100 (3,078)             | 41 (155)                               | 67 (254)          | 0.62          | 0.58 | 6/6                 |
| GCR 40             | 400/401 | 40 (151) | 40,000  | 10,100 (3,078)             | 42 (159)                               | 70 (265)          | 0.62          | 0.66 | 6/6                 |
| GCRL 50            | 400/401 | 50 (189) | 40,000  | 10,100 (3,078)             | 43 (163)                               | 93 (352)          | 0.61          | 0.62 | 6/6                 |
| GCR 50             | 400/401 | 50 (189) | 40,000  | 10,100 (3,078)             | 42 (159)                               | 88 (333)          | 0.62          | 0.62 | 6/6                 |
| GVRT 60            | 400/401 | 60 (227) | 52,200  | 10,100 (3,078)             | 54 (204)                               | 104 (394)         | 0.59          | 0.59 | 6/6                 |
| FCG 75L*           | 400/401 | 75 (284) | 75,100  | 7,700 (2,347)              | 80 (303)                               | 125 (473)         | N/A           | 0.60 | 6/6                 |
| <b>NATURAL GAS</b> |         |          |         |                            |  |                   |               |      |                     |
| HWRL 40            | 400/401 | 40 (151) | 40,000  | 10,100 (3,078)             | 41 (155)                               | 67 (254)          | 0.62          | 0.62 | 8/8                 |
| HWRL 50            | 400/401 | 50 (189) | 40,000  | 10,100 (3,078)             | 43 (163)                               | 93 (352)          | 0.61          | 0.61 | 8/8                 |

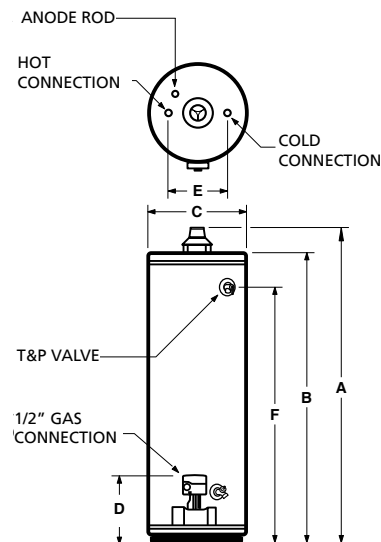
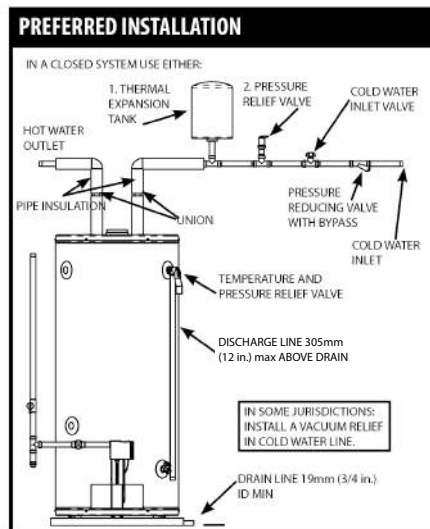
Natural gas models are series 400. Propane models are series 401. All models comply with national energy efficiency regulations.

\* Model has side connections.

† Propane Gas – 36,000 for the 50 gallon short, 37,000 for the 50 gallon tall, 36,000 for 40 gallon models and 29,000 input for 30 gallon models.

## DIMENSIONS & SHIPPING WEIGHT

| MODEL             | INSTALLATION HEIGHT | HEIGHT TO TOP OF TANK | TANK DIAMETER | HEIGHT TO GAS INLET | COLD CONNECTION TO HOT CONNECTION | HEIGHT TO T&P | DRAFTHOOD CONNECTOR DIAMETER | SHIPPING WEIGHT |
|-------------------|---------------------|-----------------------|---------------|---------------------|-----------------------------------|---------------|------------------------------|-----------------|
|                   | A IN (CM)           | B IN (CM)             | C IN (CM)     | D IN (CM)           | E IN (CM)                         | F IN (CM)     | IN                           | LB (KG)         |
| GCRL 30R          | 50 ¼ (128)          | 46 ¾ (119)            | 20 (51)       | 14 (35)             | 8 (20)                            | 40 (102)      | 3 or 4                       | 108 (49)        |
| GCRL 40 / HWRL 40 | 51 ½ (131)          | 47 ¾ (121)            | 22 (56)       | 13 (33)             | 8 (20)                            | 41 (104)      | 3 or 4                       | 135 (61)        |
| GCR 40            | 61 ¾ (157)          | 58 ¾ (148)            | 20 (51)       | 13 (33)             | 8 (20)                            | 51 ¾ (131)    | 3 or 4                       | 150 (68)        |
| GCRL 50 / HWRL 50 | 53 ¼ (135)          | 49 ½ (126)            | 24 (61)       | 13 (33)             | 8 (20)                            | 42 ½ (108)    | 3 or 4                       | 175 (79)        |
| GCR 50            | 61 (155)            | 57 ¼ (145)            | 22 (56)       | 13 (33)             | 8 (20)                            | 50 ¼ (128)    | 4                            | 165 (75)        |
| GVRT 60           | 62 ¾ (159)          | 59 (150)              | 24 (61)       | 13 (33)             | 8 (20)                            | 51 ½ (131)    | 4                            | 205 (93)        |
| FCG 75L*          | 61 (155)            | 57 ¼ (145)            | 26 ½ (67)     | 14 ¾ (37)           | 8 (20)                            | 50 ¼ (128)    | 4                            | 273 (124)       |



For Technical Information call 888-599-2837. A. O. Smith Enterprises Ltd. reserves the right to make product changes or improvements without prior notice.