

ProLine[®] & ProLine[®] Master Atmospheric Vent

Features

Designed for Performance

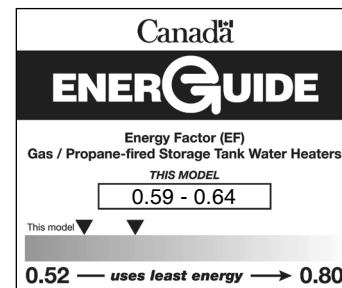
- ProLine[®] and ProLine[®] Master models are residential water heaters with commercial-grade quality
- Turbulator dip tube reduces sediment build-up at the bottom of the tank
- Thermopile design provides robust pilot to withstand down drafts and environmental conditions
- Easy temperature adjustments
- Robust 1/4" pilot tubing
- Glass lining provides superior protection against tank corrosion
- 3/4" side taps on 75 USG model for combination applications

Safety Features

- The Flame Guard[®] Safety System protects the homeowner by trapping burning vapours within the water heater's combustion chamber through the exclusive "Flame Trap"

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
- Top mounted heavy duty anode rod for added tank protection
- LED indicator:
 - gives visual confirmation that pilot is on by flashing continuously
 - provides diagnostics and troubleshooting



WARRANTY

6 year limited tank and parts on ProLine[®] models
8 year limited tank and parts on ProLine[®] Master models
2 or 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 | Warranty Tank/Parts |
|--------------------|---------|----------|---------|----------------------------|--|-------------------|---------------|---------------------|
| | | USG (L) | BTU/h | FT (M) | GPH (LPH) | GPH (LPH) | | Years |
| NATURAL GAS | | | | | | | | |
| AV30N | 400/401 | 30 (114) | 35,500 | 10,100 (3,078) | 36 (136) | 60 (227) | 0.64 | 6/6 |
| AV40N | 400/401 | 40 (151) | 40,000 | 10,100 (3,078) | 41 (155) | 67 (254) | 0.62 | 6/6 |
| AV40TN | 400/401 | 40 (151) | 40,000 | 10,100 (3,078) | 42 (159) | 70 (265) | 0.62 | 6/6 |
| AV50N | 400/401 | 50 (189) | 40,000 | 10,100 (3,078) | 43 (163) | 93 (352) | 0.61 | 6/6 |
| AV50TN | 400/401 | 50 (189) | 40,000 | 10,100 (3,078) | 42 (159) | 88 (333) | 0.62 | 6/6 |
| AV60N | 400/401 | 60 (227) | 52,200 | 10,100 (3,078) | 54 (204) | 104 (394) | 0.59 | 6/6 |
| AV75N* | 400/401 | 75 (284) | 75,100 | 7,700 (2,347) | 80 (303) | N/A | N/A | 6/6 |
| NATURAL GAS | | | | | | | | |
| AV40NM | 400/401 | 40 (151) | 40,000 | 10,100 (3,078) | 41 (155) | 67 (254) | 0.62 | 8/8 |
| AV50NM | 400/401 | 50 (189) | 40,000 | 10,100 (3,078) | 43 (163) | 93 (352) | 0.61 | 8/8 |

Propane models sub N with P. 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 32,000 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) |
| AV30N | 50 (127) | 46 ¾ (118) | 20 (51) | 13 ½ (34) | 8 (20) | 40 (102) | 3 or 4 | 118 (53) |
| AV40N / AV40NM | 51 ½ (131) | 47 ¾ (121) | 22 (56) | 13 (33) | 8 (20) | 41 (104) | 3 or 4 | 135 (61) |
| AV40TN | 61 ¾ (157) | 58 ¼ (148) | 20 (51) | 13 (33) | 8 (20) | 51 ¾ (131) | 3 or 4 | 150 (68) |
| AV50N / AV50NM | 53 ¼ (135) | 49 ½ (126) | 24 (61) | 13 (33) | 8 (20) | 42 ½ (108) | 3 or 4 | 175 (79) |
| AV50TN | 61 (155) | 57 ¼ (145) | 22 (56) | 13 (33) | 8 (20) | 50 ¼ (128) | 4 | 165 (75) |
| AV60N | 62 ¾ (159) | 59 (150) | 24 (61) | 13 (33) | 8 (20) | 51 ½ (131) | 4 | 205 (93) |
| AV75N | 61 (155) | 57 (145) | 26 ½ (67) | 14 ¾ (37) | 8 (20) | 50 ¼ (128) | 4 | 273 (124) |

PREFERRED INSTALLATION

