

High-Efficiency Residential Gas Water Heaters



A.C. Smith®
Innovation has a name.



Vertex® HV High-Efficiency Power Direct Vent or Power Vent

Ideal for high-demand applications

- 40G and 50G models, 50,000 and 65,000 BTU/h
- Fully condensing can provide continuous hot water at a constant flow of over 2.5 gallons per minute*
- Unique side fire design allows for optimal burner placement
- Dual sacrificial heavy-duty anodes standard for tank protection
- Suitable for up to 6 person households
- Annual cost of operation: \$243
- Annual savings: 30%
- Installation space required: ■ ■ ■
- 6-year limited tank and parts warranty

*Continuous hot water based on 65,000 BTU/h unit, 2.8 GPM continuous flow.

Vertex® High-Efficiency Condensing Power Vent

Great for combined water and space heating applications

- 50G model, 76,000 BTU/h
- Fully condensing - can provide 96 gallons per hour at 90°F temperature rise
- Helical heat exchanger keeps hot combustion gases in the tank longer for maximum heat transfer
- Commercial-grade glass-lined tank
- Suitable for up to 6 person households
- Annual cost of operation: \$245
- Annual savings: 29%
- Installation space required: ■ ■ ■
- 6-year tank and parts warranty



Vertex® High-Efficiency Condensing Power Direct Vent

Ideal for high-demand applications, including combined space and water heating

- 50G and 75G models, 100,000 BTU/h
- Fully condensing - can provide 128 gallons per hour at 90°F temperature rise
- Helical heat exchanger keeps hot combustion gases in the tank longer for maximum heat transfer
- Commercial-grade glass-lined tank
- Suitable for up to 6 person households
- Annual cost of operation: \$248
- Annual savings: 28%
- Installation space required: ■ ■ ■ or ■ ■ ■ ■ ■
- Direct vent option for closet installations
- 6-year tank and parts warranty





Polaris™ Stainless Steel High-Efficiency Condensing Power Direct Vent

Ideal for high-demand applications, including combined space and water heating

- 34G and 50G models, 100,000 and 199,000 BTU/h
- Fully condensing - can provide up to 253 gallons per hour at 90°F temperature rise
- Helical heat exchanger keeps hot combustion gases in the tank longer for maximum heat transfer
- High-grade 444 stainless steel tank and heat exchanger for corrosion resistance
- Suitable for up to 6 person households
- Annual cost of operation: \$248
- Annual savings: 28%
- Installation space required: ■■■ to ■■■■
- Direct vent option for closet installations
- 10-year tank warranty, 1-year parts warranty



50G model not Energy Star® qualified.

A. O. Smith® Powered by Takagi High-Efficiency Condensing Tankless

Ideal for continuous hot water applications, including combined space and water heating

- 160,000, 180,000, and 199,000 BTU/h
- Dual heat exchanger design for maximum heat transfer
- Commercial-grade copper primary heat exchanger for superior heat transfer
- 316L stainless steel secondary heat exchanger for corrosion and heat stress resistance
- Suitable for up to 6 person households
- Annual cost of operation: \$234
- Annual savings: 32%
- Installation space required: ■■
- Direct vent option for closet installations
- 15-year heat exchanger warranty, 5-year parts warranty



Innovation has a name.

For over 70 years, A. O. Smith has provided innovative, energy efficient hot water solutions to Canadian households.



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