

Adapt[®] & Go Tankless!



Adapt[®] SC
Standard Condensing Tankless

Adapt[®]+
Premium Condensing Tankless



High-Performance
Condensing Gas Tankless Water Heaters

Equipped with **X3** Scale Prevention Technology

hotwatercanada.ca

AC Smith[®]
Innovation has a name.

Why Go Tankless?



Built to Perform

Designed & manufactured by A. O. Smith, Adapt[®] gas tankless water heaters are engineered for continuous hot water performance and long-term durability.



Built to Adapt

Offering a range of industry-competitive features, Adapt[®] gas tankless water heaters are designed for flexibility, making it the ideal choice for a wide range of installation scenarios.



Built to Last

Adapt[®] gas tankless water heaters are engineered for long-term reliability, reducing maintenance and extending product life.



Adapt+

Premium Condensing Gas Tankless Water Heater

Featuring industry-unique single stainless steel heat exchanger and integrated recirculation pump.

- **Patented Heavy-Duty Stainless Steel Heat Exchanger**

Designed to withstand extreme conditions, this advanced heat exchanger delivers exceptional thermal efficiency and corrosion resistance for consistent hot water performance.

- **2" or 3" Venting Options**

Ideal for retrofit flexibility and streamlined installs.

- **Field Conversion Kit**

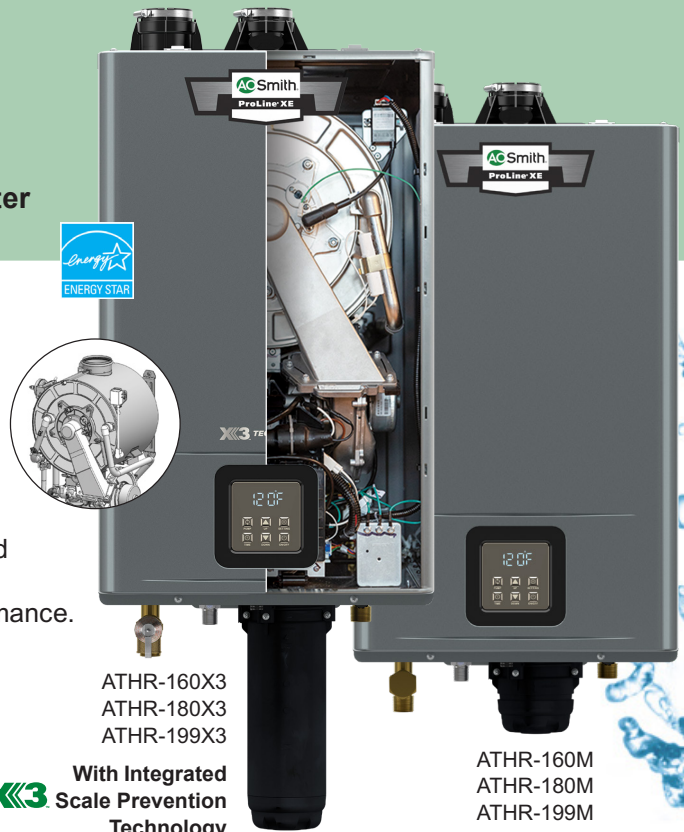
Easily switch between natural gas and propane with included conversion kits.

- **Integrated Recirculation Pump**

Cuts wait time! Provides faster hot water delivery.

- **Built-in Electronic Control Display**

- **X3 Scale Prevention Technology**



ATHR-160X3
ATHR-180X3
ATHR-199X3

X3 With Integrated Scale Prevention Technology

ATHR-160M
ATHR-180M
ATHR-199M

Scale Prevention Technology can be added at any time (optional accessory)

Adapt SC

Standard Condensing Gas Tankless Water Heater

- **Primary Copper Heat Exchanger**

Rapid heat transfer for consistent performance.

- **Secondary Stainless Steel Heat Exchanger**

Corrosion-resistant durability and enhanced efficiency.

- **2" or 3" Venting Options**

- **Built-in Electronic Control Display**

- **X3 Scale Prevention Technology**



ATM-160X3-N
ATM-180X3-N
ATM-199X3-N

X3 With Integrated Scale Prevention Technology



X3™ Scale Prevention Technology

Protects the heat exchanger from scale buildup, extending the life of the unit up to 3 times longer than standard tankless models without X3™.

PROTECTED

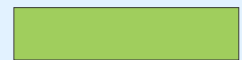
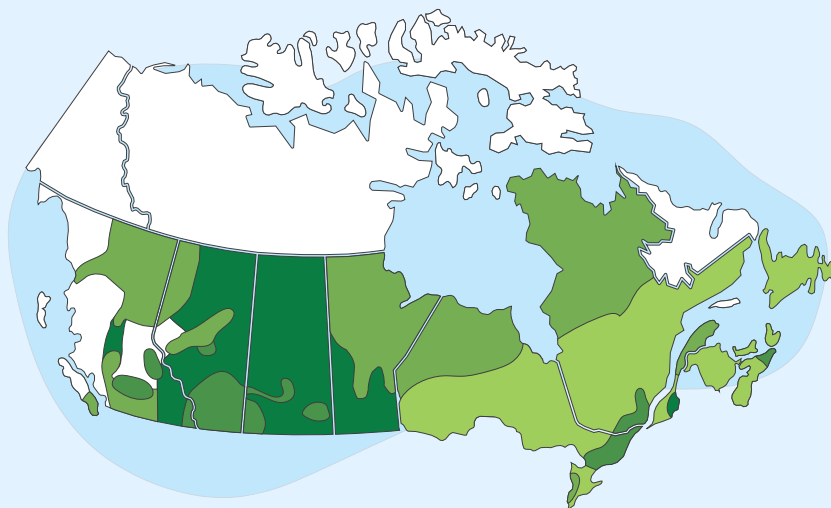
NO ANNUAL DESCALING
Saving you money year after year!

UNPROTECTED

SCALE BUILDUP
Up to \$250–\$350 every year in descaling service.

Designed for Canadian Hard Water.

Tested in Canadian conditions, Adapt® Tankless Series with X3™ technology resists scale buildup making them **ideal for hard water environments.**



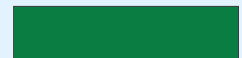
SLIGHTLY HARD WATER
(0.6 - 3.6 grams per imperial gallon)



MODERATELY HARD WATER
(3.6 - 8.6 grams per imperial gallon)



HARD WATER
(8.6 - 14.4 grams per imperial gallon)

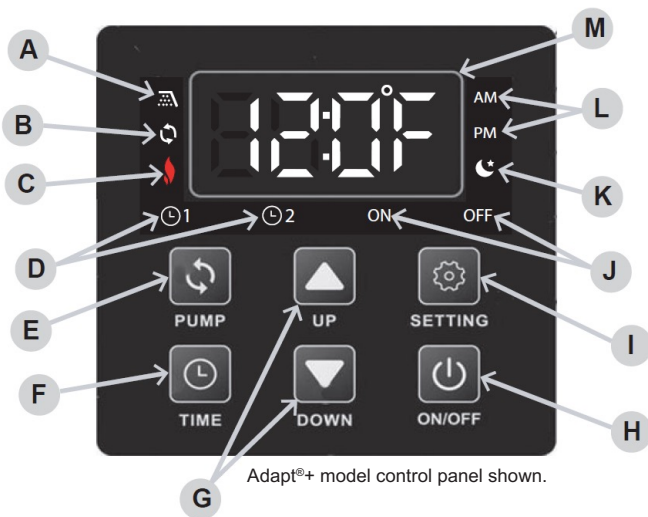


VERY HARD WATER
(14.4+ grams per imperial gallon)



User-Friendly Digital Interface

Designed for control and monitoring, the display provides real-time **system status**, including **water flow detection**, **pump activity***, **flame presence**, and **standby mode**.



Adapt[®]+ model control panel shown.

Description		Adapt [®] +	Adapt [®] SC
A	Water Flow Detected	✓	✓
B	Pump is Operating	✓	-
C	Flame Detected	✓	✓
D	Pump Timer 1 & 2 Active	✓	-
E	Pump Button	✓	-
F	Time Button	✓	-
G	Up & Down Buttons	✓	✓
H	Operation Button	✓	✓
I	Setting Button	✓	✓
J	Pump Timer ON/OFF Indicators	✓	-
K	Standby Mode	✓	✓
L	Time & Pump Timer Setting	✓	-
M	Display	✓	✓

Faster Hot Water **When You Want It.**

Smarter, more efficient, and more user-friendly.



Integrated Recirculation Pump*

Circulates hot water through plumbing loop for faster hot water delivery.



Remote Recirculation Kit*

Wireless button or sensor that triggers the recirculation pump.



Wi-Fi Module Kit*

Enables remote control and monitoring via smartphone app.

*Adapt[®]+ models only



Lasts 3x Longer!*

Engineered for long-lasting performance, our Adapt® tankless series delivers peace of mind for years to come.

*Compared to other tankless models without X3™ Technology.

SPECIFICATIONS										
Series		Adapt®+ Premium					Adapt® SC Standard			
Model Number		ATHR-160M	ATHR-160X3	ATHR-180M	ATHR-180X3	ATHR-199M	ATHR-199X3	ATM-160X3-N	ATM-180X3-N	ATM-199X3-N
X3™ Scale Prevention		Optional	Integrated	Optional	Integrated	Optional	Integrated	Integrated		
Wi-Fi Connectivity		Optional Module Kit					N/A			
Recirculation Pump		Integrated					N/A			
Input Rate	Min. BTU/h	9,000					10,000			
	Max. BTU/h	160,000		180,000		199,000		160,000	180,000	199,000
Fuel Type		Fuel Type Natural Gas (Field Convertible to Liquid Propane, Kit Included)					Natural Gas			
Heat Exchanger(s)		Single Stainless Steel					Primary Copper, Secondary Stainless Steel			
Uniform Energy Factor (UEF)		0.95					0.95			
NOx Emissions		Ultra Low NOx					Ultra Low NOx			
Maximum Flow Rate*		10.5 GPM					10.5 GPM			
Activation Flow Rate		0.4 GPM					0.4 GPM			
Continuous Fire Flow Rate		0.26 GPM					0.26 GPM			
Water Pressure Min. - Max.		15 - 150 PSI (40 PSI Recommended for Max. Flow)					15 - 150 PSI (40 PSI Recommended for Max. Flow)			
Simultaneous Shower Usage**		●●● 2.5 Showers	●●● 2.5 Showers	●●● 2.5 Showers	●●● 2.5 Showers	●●●● 3 Showers	●●●● 3 Showers	●●● 2.5 Showers	●●● 2.5 Showers	●●●● 3 Showers
Supply Gas Pressure (NG)	Min. in W.C. (kPa)	3.5 (0.9)					4.0 (1.0)			
	Max. in W.C. (kPa)	10.5 (2.6)					10.5 (2.6)			
Supply Gas Pressure (LP)	Min. in W.C. (kPa)	8.0 (2)					N/A			
	Max. in W.C. (kPa)	13.0 (3.2)					N/A			
Hot/Cold Connections		3/4" NPT					3/4" NPT			
Gas Connection		1/2" NPT					3/4" NPT			
Temperature Settings Min. - Max.		100°F (38°C) - 140°F (60°C); Default 120°F (49°C)					100°F (38°C) - 140°F (60°C); Default 120°F (49°C)			
Ignition System		Electronic Ignition					Electronic Ignition			
Power Supply		120V, 50Hz/60Hz, <5A					120V, 50Hz/60Hz, <5A			
Sound Level***		50.3 dB					51 dB			
Elevation		Certified from Sea Level to 10,100' (3,078.5 m)					Certified from Sea Level to 7,800' (2,377.4 m)			
Freeze Protection†		- 5°F (-21°C)					- 5°F (-21°C)			
Cascade		Up to 12 units					Up to 12 units			
Venting - Exhaust, Intake	Type	Power Direct Vent					Power Direct Vent			
	Size, Max Run	2", 75' (5 cm, 22.9 m); 3", 150' (8 cm, 45.7 m)					2", 50' (5 cm, 15.2 m); 3", 150' (8 cm, 45.7 m)			
	Material	PVC, CPVC or Polypropylene					PVC, CPVC or Polypropylene			
Dimensions - Unit	Height††	33.8" (86 cm)	41.8" (106 cm)	33.8" (86 cm)	41.8" (106 cm)	33.8" (86 cm)	41.8" (106 cm)	40.4" (102.6 cm)		
	Width	16.5" (42 cm)					17.1" (43.5 cm)			
	Depth	16.1" (41 cm)					11.9" (30.1 cm)			
	Weight	104 lb (47 kg)					83 lb (37.7 kg)			
Warranty	Heat Exchanger	15 years					15 years			
	Parts	5 years					5 years			

*Based on 30°F temperature rise.

**Using 1.7 GPM water conserving shower heads.

***Measured in an anechoic chamber.

†Internal freeze protection for heater only; X3™ cartridge requires anti-freeze kit sold separately

††Height from flue collar to top of X3™ scale control media cartridge on X3™ models and to top of manifold cartridge on M models.