Giant®

ADAPT™ SC Standard Condensing Tankless

With X3™ Scale Prevention Technology

X3™ Scale Prevention Technology (Patented Design)

- Units maintain like-new performance longer and life extended by up to 3x versus unprotected units

- Eliminates need for annual descaling

- X3™ cartridge lasts total lifespan of the unit. No need for replacement

Performance & Efficiency

- 199,000 BTU/h

- 10,000 BTU/h min. input

- Max Flow Rate 10.5 GPM; 0.4 GPM activation; 0.26 GPM for continuous fire

- 0.95 UEF, ENERGY STAR® certified

- Ultra Low NOx

Ultimate Flexibility - Ease of installation

- Vent with ULC S636 certified PVC, CPVC, or polypropylene pipe

- Exhaust venting, 2" PVC up to 50' (15.3 m); 3" PVC up to 150' (45.7 m)

- Pressure relief valve included

- Cascade up to 12 units with single cable per heater, cable included

- Approved for installation in manufactured homes

Limited Warranty

- No hardwater exclusions

- 15-year limited warranty on heat exchanger in residential applications

- 5-year limited warranty on all parts in residential applications

- 1-year limited warranty on heat exchanger and parts in commercial applications

UTM-199X-N

CSA/ANSI Z21.10.3 • CSA 4.3

Giant®

Condensing Gas
Tankless Water Heater

Specifications - ADAPT™ SC Standard Condensing Tankless With X3™ Scale Prevention Technology

		UTM-199X3-N
Installation Type		Indoor
X3™ Scale Prevention Technology		Integrated
Gas Consumption Input	**Min. BTU/H**	10,000
	Max. BTU/H	199,000
Fuel Type		Natural Gas
Heat Exchangers		Primary Copper, Secondary Stainless Steel
Uniform Energy Factor (UEF)		0.95
Maximum GPM*		10.5 GPM
Activation GPM		0.4 GPM
Continuous Fire GPM		0.26 GPM
Water Pressure Min. - Max.		15 - 150 PSI (40 PSI Recommended for Maximum Flow)
Supply Gas Pressure (NG)	**Min. in W.C. (kPa)**	4.0 (1.0)
	Max. in W.C. (kPa)	10.5 (2.6)
Hot/Cold Connections		3/4" NPT
Gas Connection		3/4" NPT
Temperature Settings Min. - Max.		100°F (38°C) - 140°F (60°C); Default 120°F (49°C)
Ignition System		Electronic Ignition
Power Supply		120V, 50Hz/60Hz, <5A
Sound Level		51 dB**
Elevation		Certified from Sea Level to 7,800' (2,377.4 m)
Freeze Protection+		- 5°F (-21°C)
Venting - Exhaust, Intake	**Type**	Power Direct Vent
	Size, Max Run	2", 50' (5.08 cm, 15.3 m); 3", 150' (7.6 cm, 45.7 m)
	Material	PVC, CPVC or Polypropylene
Dimensions - Unit	**Height*****	40.4" (102.6 cm)
	Width	17.1" (43.5 cm)
	Depth	11.9" (30.1 cm)
	Weight	83 lb. (37.7 kg)
Dimensions - Shipping†	**Height**	17.4" (44.2 cm)
	Width	22.1" (56.2 cm)
	Depth	39.25" (99.7 cm)
	Weight	93 lb (42.2 kg)

Model is ENERGY STAR® certified.
*Current numbers based on factory settings.
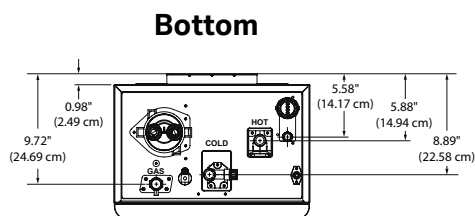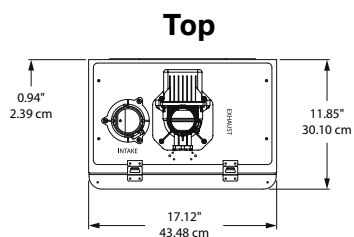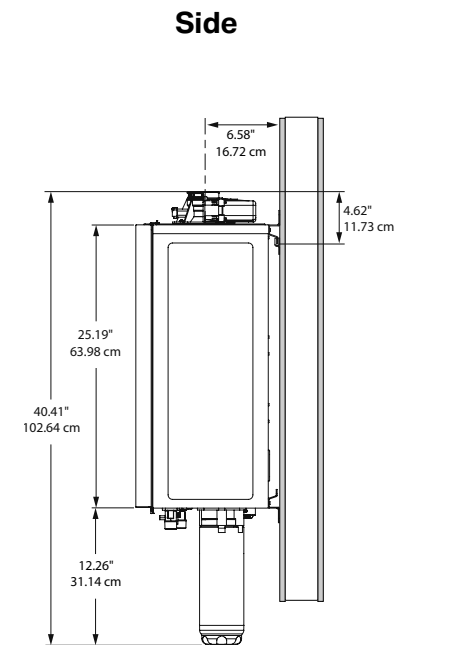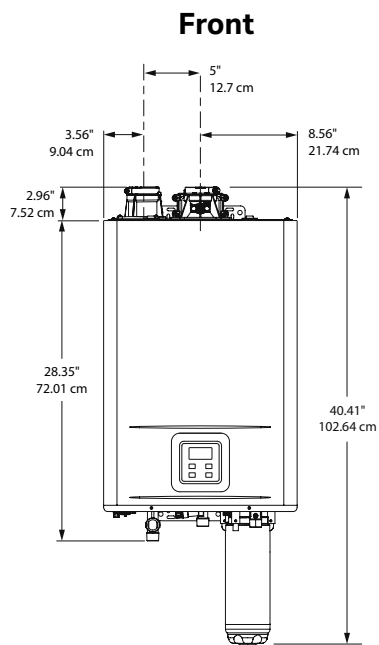**Measured in an anechoic chamber.
***Height with required cartridge installed; X3™ models with Scale Control Media cartridge. From flue collar to tip of cartridge.
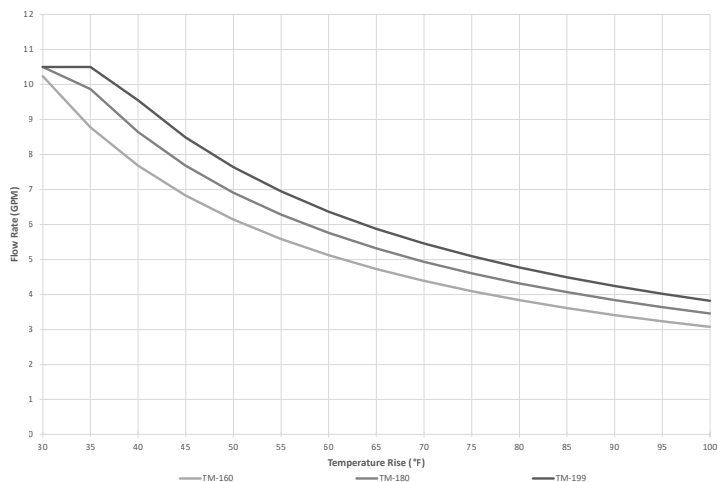†Packaged and shipped on unit back.
+Internal freeze protection for heater only; X3™ cartridge requires anti-freeze kit sold separately
Included with Heater: Manual, Pressure Relief Valve, Wall Mounting Bracket and Hardware, Vent Port Screws, Cascading Cable, Bird Screens
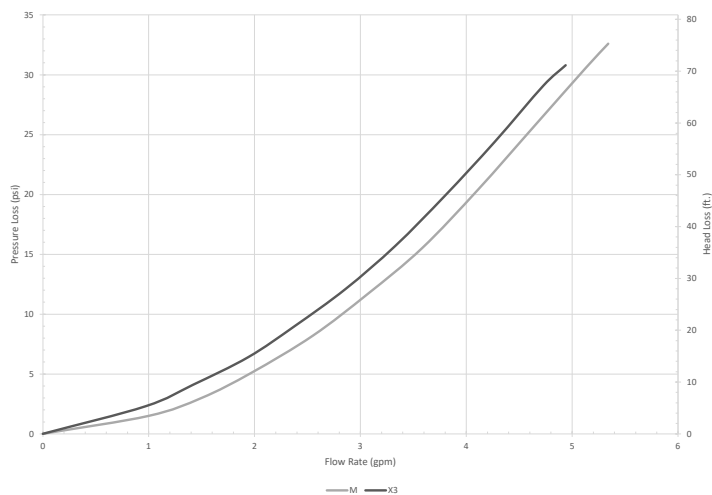
Giant®

Condensing Gas
Tankless Water Heater

Dimensions - ADAPT™ SC Standard Condensing Tankless With X3™ Scale Prevention Technology

Front

5"
12.7 cm

3.56"
9.04 cm

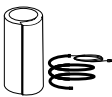8.56"
21.74 cm

2.96"
7.52 cm

28.35"
72.01 cm

40.41"
102.64 cm

Side

6.58"
16.72 cm

4.62"
11.73 cm

25.19"
63.98 cm

40.41"
102.64 cm

12.26"
31.14 cm

Top

0.94"
2.39 cm

EXHAUST

INTAKE

11.85"
30.10 cm

17.12"
43.48 cm

Bottom

0.98"
(2.49 cm)

9.72"
(24.69 cm)

5.58"
(14.17 cm)

5.88"
(14.94 cm)

8.89"
(22.58 cm)

HOT

COLD

GAS

TM Flow Rate Capacity

Flow Rate (GPM)

Temperature Rise (°F)

— TM-160   — TM-180   — TM-199
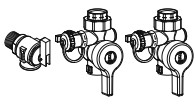
Pressure Loss

Pressure Loss (psi)

Head Loss (ft.)

Flow Rate (gpm)

— M   — X3
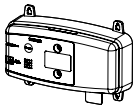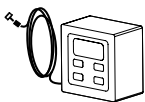
Accessories - ADAPT™ SC Standard Condensing Tankless With X3™ Scale Prevention Technology

Item	Material Number		Description
Wi-Fi Module Kit	100371922		Wi-Fi Module for electronically connectng tankless water heaters to the internet and adapter to connect to the water heater. • Module (1x) • Cable (1x) • Adapter (1x)
Remote Temperature Controller	100383909		Remote Temperature Controller with 10' (3 m) cable.
Communication Cable - 10' (3 m)	100377341		Replacement Communication Cable for Remote Temperature Controller or WIFI Module, or On-Demand Receiver, 10' (3 m).
Communication Cable - 32' (10 m)	100377342		Extended Communication Cable for Remote Temperature Controller or WIFI Module, or On-Demand Receiver, 32' (10 m).
X3™ Freeze Protection	100325654		X3™ Cartridge Freeze Protection can add an extra layer of freeze protection to external SCM cartridge. Cartridge not protected by heater's internal freeze protection.
Pipe Cover	100383908		Pipe Cover protects plumbing connections to the heater while improving the appearance of the installation. Affixes to bottom of heater.
Neutralizer Assembly Kit	100112159		Neutralizer Assembly neutralizes the condensate (acidic water) that forms in the heat exchanger of the water heater. It connects to the condensate drain port of the water heater by using connectors included with the neutralizer kit.
Isolation Valve Kit with Pressure Relief Valve	100112156		Isolation Valve supports routine maintenance and allows for draining and flushing the heater; whereas, the Pressure Relief Valve, as the name implies, serves to limit internal pressure in the system. Not necessary for X3™ models. Check local codes for applicability.

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GI-FT-RES-TANKLESS-ADAPT-SC-EN-0625