

## Premium and Standard Condensing Gas Tankless Water Heaters with X3® Scale Prevention and Integrated Recirculation Pump

Reliance® introduces a new age in gas tankless water heaters. Premium and Standard condensing models that deliver robust, on-demand performance and the flexibility to install



in practically any residential setting, indoor or out.



X3, X3 w/Vent Cap Kit, M, M w/Vent Cap Kit



- **X3 Scale Prevention Technology**
  - Integrated into all X3 models, accessory for Bypass models that can be added at any time
  - Eliminates the need for regular scale-related maintenance
  - Maintains “like-new” performance longer, extends life up to 3x longer\*
- **15-Year Limited Warranty** on heat exchanger  
**5-Year Limited Warranty** on all parts
  - No warranty exclusions for hard water on X3 models, exclusions apply to M models
- **Universal Installation: indoor or outdoor\*\***
  - Optional Outdoor Vent Cap Kit sold separately, fits all X3 and M models
- **Ultra-Low NOx emissions**
- **ENERGY STAR®**  
Qualifies for many state and local utility rebates
- **Heavy Duty Stainless-Steel Heat Exchanger Design**
  - Single exchanger design eliminates most internal welds, improving overall reliability
  - More resilient to scale buildup and corrosion
- **Performance & Efficiency**
  - 160,000, 180,000, 199,000 BTU/h
  - Max Flow Rate 10.5 GPM; 0.4 GPM activation; 0.26 GPM continuous fire

\*Compared to other tankless models without X3 Technology

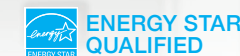
\*\*Outdoor installation requires outdoor vent cap kit, sold separately



Take a photo with your smartphone for more info about Reliance Gas Tankless Water Heaters.



# Your neighborhood water heater source.





MORE FEATURES (continued from previous page)

- Performance & Efficiency**
  - BTU minimum input: Premium - 9,000, Standard - 10,000
  - Turndown Ratio (199k configurations): Premium - 22:1, Standard - 20:1
  - 0.95 UEF, ENERGY STAR® certified
  - Ultra Low NOx – Complies with SCAQMD Rule 1146.2\*
- Ultimate Flexibility and Ease of Installation**
  - Indoor or outdoor installation; Optional Outdoor Vent Cap Kit sold separately, fits all X3 and M models
  - Premium: field convertible from Natural Gas to Liquid Propane, kit included
  - Gas Line: Premium - 1/2" or larger, Standard - 3/4" or larger
  - Exhaust venting: Prem - 2" PVC up to 75' (23 m); 3" PVC up to 150' (45.7 m)
  - Standard - 2" PVC up to 50' (15.3 m), 3" PVC up to 150' (45.7 m)
  - Cat. IV venting may be used for Premium Models
  - Flexible venting with PVC, CPVC, Polypropylene, or ABS Pipe (solid core only)
  - Pressure relief valve included with X3 models
  - Outdoor rated power cord standard on every unit
  - Cascade up to 12 units with single cable per heater, cable included
  - Approved for installation in manufactured homes



EASY-TO-USE ELECTRONIC DISPLAY

- User Friendly, Easy to Read**
- Display features:**
  - On/Off button
  - Set and review recirculation schedules\*
  - Temperature Setting button
  - Status Codes
  - Error Codes
- Optional remote activation kits available (Ca. Title 24)**

\*Not featured on Standard Condensing models

PREMIUM CONDENSING GAS TANKLESS  
X3® MODEL with SCALE PREVENTION TECHNOLOGY and INTEGRATED RECIRCULATION PUMP  
M MODEL with BYPASS CARTRIDGE (X3 Cartridge available as optional accessory)

- All X3 and M models are ENERGY STAR® certified
- All models are shipped as Natural Gas (Field convertible to Liquid Propane, kit included)
- All models are universal install: indoor or outdoor; outdoor installation requires outdoor vent cap kit, sold separately


• Top Left: X3 Model with optional Vent Cap Kit • Top Right: X3 Model • Bottom Left: M Model with optional Vent Cap Kit • Bottom Right: M Model

Model Number	Installation Type	Gas Consumption Input (BTU/Hour)		UEF	Maximum GPM*	Dimensions			
		Minimum	Maximum			Height**	Width	Depth	Weight
X3 Models									
RTHR-199X3	Indoor/Outdoor	9,000	199,000	0.95	10.5	41 3/4"	16 1/2"	16 1/8"	104 lb.
RTHR-180X3	Indoor/Outdoor	9,000	180,000	0.95	10.5	41 3/4"	16 1/2"	16 1/8"	104 lb.
RTHR-160X3	Indoor/Outdoor	9,000	160,000	0.95	10.5	41 3/4"	16 1/2"	16 1/8"	104 lb.
M Models									
RTHR-199M	Indoor/Outdoor	9,000	199,000	0.95	10.5	33 7/8"	16 1/2"	16 1/8"	104 lb.
RTHR-180M	Indoor/Outdoor	9,000	180,000	0.95	10.5	33 7/8"	16 1/2"	16 1/8"	104 lb.
RTHR-160M	Indoor/Outdoor	9,000	160,000	0.95	10.5	33 7/8"	16 1/2"	16 1/8"	104 lb.

STANDARD CONDENSING GAS TANKLESS  
X3® MODEL with SCALE PREVENTION TECHNOLOGY  
M MODEL with BYPASS CARTRIDGE (X3 Cartridge available as optional accessory)

- All X3 and M models are ENERGY STAR® certified
- All models are Natural Gas
- All models are universal install: indoor or outdoor; outdoor installation requires outdoor vent cap kit, sold separately

• Top Left: X3 Model with optional Vent Cap Kit • Top Right: X3 Model • Bottom Left: M Model with optional Vent Cap Kit • Bottom Right: M Model



Model Number	Installation Type	Gas Consumption Input (BTU/Hour)		UEF	Maximum GPM*	Dimensions			
		Minimum	Maximum			Height**	Width	Depth	Weight
X3 Models									
RTM-199X3-N	Indoor/Outdoor	10,000	199,000	0.95	10.5	40 1/2"	17 1/8"	12"	83 lb.
RTM-180X3-N	Indoor/Outdoor	10,000	180,000	0.95	10.5	40 1/2"	17 1/8"	12"	83 lb.
RTHM-160X3-N	Indoor/Outdoor	10,000	160,000	0.95	10.5	40 1/2"	17 1/8"	12"	83 lb.
M Models									
RTM-199M-N	Indoor/Outdoor	10,000	199,000	0.95	10.5	32 1/2"	17 1/8"	12"	83 lb.
RTM-180M-N	Indoor/Outdoor	10,000	180,000	0.95	10.5	32 1/2"	17 1/8"	12"	83 lb.
RTHM-160M-N	Indoor/Outdoor	10,000	160,000	0.95	10.5	32 1/2"	17 1/8"	12"	83 lb.

\*Current numbers based on factory settings  
\*\*Height with required cartridge installed; X3 models with Scale Control Media cartridge, M models with Bypass Manifold cartridge. From flue collar to tip of cartridge. For complete information consult written warranty.