



# Tankless water heater



# Why Elios tankless is better for your home.

Designed for Canada's climate, Elios provides reliable, efficient hot water in any space, supported by nationwide expertise and service.

## Endless hot water, any time

Elios provides continuous hot water up to 5.9 GPM @ 67°F, so you can run multiple showers and appliances with no interruptions.

## High efficiency that saves energy... and lowers bills

With a UEF up to 0.95 and ENERGY STAR® certification, Elios lowers water-heating costs and reduces energy waste.

## A cleaner way to heat your water

Advanced low-emission combustion — reduces pollutants and helps keep the air around your home cleaner.

## Lead-free stainless steel construction

Durable, corrosion-resistant materials — protect your water quality and extend the life of the heater.

## High modulation ratio (10:1)

Automatically adjusts to your hot water demand — so you enjoy steady, comfortable hot water whether one tap is running or the whole family is using it.



## Low water pressure & recirculation ready

Activates with very low flow and supports recirculation systems — so you get hot water faster, even in homes with long pipe runs or older plumbing.



Consistent comfort — No temperature fluctuations



A smart temperature control system keeps water steady within  $\pm 1^{\circ}\text{C}$  for smoother, more comfortable showers.



Ultra-quiet operation — Elios runs at the sound level of a quiet library (<math>< 40\text{ dB}</math>), making it ideal for utility rooms near living spaces.



Space-saving, modern design — Compact and wall-mounted to free up valuable storage space.



Built for Canadian weather.

**Built for Canadian weather — consistent hot water all year long.**





## What makes Elios different

### Trusted North American certifications

Meets CSA, NSF, and ENERGY STAR® standards — so you get a product that's proven safe, efficient, and reliable for Canadian homes.

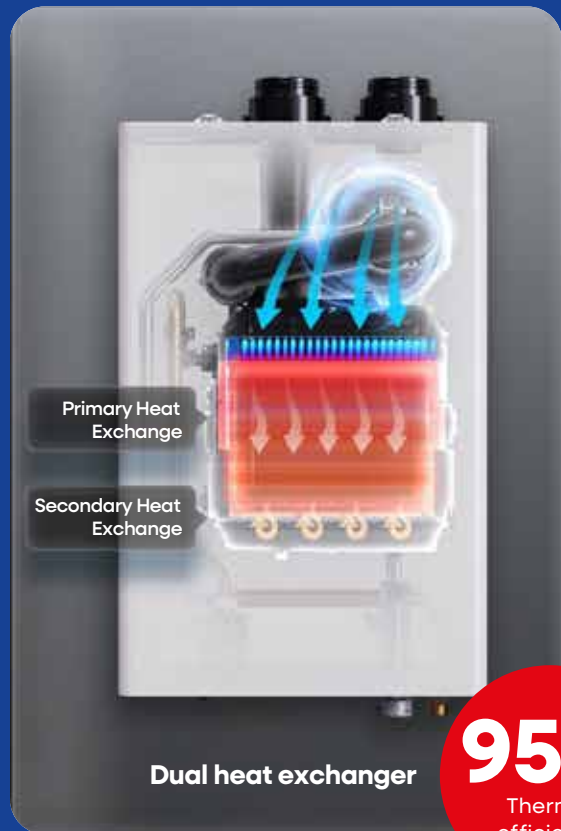


### Patented dual heat exchanger

A two-stage heat exchanger design — heats water faster, uses less energy, and lasts longer than traditional systems. Better performance today. Better durability over time.



**Optimized  
structure,  
easy  
maintenance**



**95%**  
Thermal  
efficiency

# Specifications

Natural gas without pump
Natural gas with pump
Liquid propane without pump
Liquid propane with pump

EROD199N0000	EROD180N0000	EROD150N0000
EROD199N0100	EROD180N0100 <b>COMING SOON</b>	EROD150N0100 <b>COMING SOON</b>
EROD199P0000	EROD180P0000	EROD150P0000
EROD199P0100	EROD180P0100 <b>COMING SOON</b>	EROD150P0100 <b>COMING SOON</b>

Heat Capacity (Input)	Natural Gas, Propane Gas
Uniform Energy Factor	UEF (for NG & LP)
Flow Rate (DHW)	37°F (20°C) Temp Rise
	47°F (26°C) Temp Rise
	67°F (37°C) Temp Rise
Dimensions	
Weight	
Installation Type	
Venting Type	
Ignition	
Water Pressure	
Natural Gas Supply Pressure (from source)	
Propane Gas Supply Pressure (from source)	
Minimum Flow Rate	
Connection Sizes	Cold Water Inlet
	Hot Water Outlet
	Gas Inlet
Power Supply	Main Supply
	Maximum Power Consumption
Materials	Casing
	Heat Exchangers
Venting	Exhaust
	Intake
Safety Devices	

	20000-199000 BTU/h	20000-180000 BTU/h	20000-150000 BTU/h
Uniform Energy Factor	0.95	0.95	0.95
Flow Rate (DHW)	10.7	9.7	8.1
	8.4	7.6	6.4
	5.9	5.4	4.5
Dimensions	26.8 x 17.3 x 10.6 in (680 x 440 x 270 mm)		
Weight	70.5 lbs (32 kg)		
Installation Type	Indoor		
Venting Type	Forced draft direct-vent		
Ignition	Electronic ignition		
Water Pressure	15-150 PSI		
Natural Gas Supply Pressure (from source)	3.5 in - WC - 10.5 in WC (870 Pa to 2610 Pa)		
Propane Gas Supply Pressure (from source)	8 in - WC - 13 in WC (1990 Pa to 3230 Pa)		
Minimum Flow Rate	0.5 GPM (1.9L/min)		
Connection Sizes	3/4 NPT		
	3/4 NPT		
	3/4 NPT		
Power Supply	120V, 60Hz		
	150 W (+114 W when anti-freeze module is on, +180 W when pump is on)		
Materials	SPCC		
	300 series stainless steel		
Venting	2 in or 3 in PVC636, CPVC636, polypropylene, or approved AL29-C stainless steel		
	<ul style="list-style-type: none"> <li>Flue high limit switch (158°F / 70°C)</li> <li>Water temperature high limit switch (185°F / 85°C)</li> <li>Freeze protection ceramic heater (turns on at 41°F / 5°C &amp; turns off at 59°F / 15°C)</li> </ul>		

## Location

Canada

Approved manufacturers: *Ipex, Royal, Centrotherm, Selkirk, DuraVent, Jeremias, Z-Vent.*

## Recommended vent materials

- Any ULC-S636 listed Category IV venting system
  - PVC636/CPVC636
  - Approved polypropylene (PP)
  - Approved stainless steel AL29-4C (SS)

## Vent size

2 in

## Max length

60 ft

3 in

150 ft

## Equivalent lengths

- Reduce the maximum vent length accordingly for each elbow used:
- Each 90° elbow equates to five (5') linear feet of vent length.
  - Each 45° elbow equates to two and a half (2.5') linear feet of vent length.
    - The number of 90° elbows cannot exceed seven (x7).
    - The number of 45° elbows cannot exceed fourteen (x14).

NOTE: The use of a PVC or polypropylene concentric termination counts as (5') linear feet of vent.



Elios HVAC products are supported by The Master Group, Canada's largest independently-owned HVAC-R distributor. The Master Group has always distinguished itself by its extensive inventory, technical expertise and exceptional customer service.

