

WHOLE HOME SERIES

ES-9 | ES-12 | ES-14

Electric Tankless Water Heaters

Reliable. Efficient. Built for the Entire Home.

The Drakken Elite Whole Home Series delivers continuous, on-demand hot water for homes, condos, and multi-fixture applications. Engineered with Drakken's patented cast aluminum heat transfer technology for superior efficiency and long-lasting performance.



ES-9
9 kW



ES-12
12 kW



ES-14
14 kW

SPECIFICATIONS	ES-9	ES-12	ES-14
Power Output	9 kW	12 kW	14 kW
Voltage	240 V	240 V	240 V
Max Current	37.5 A	50 A	53.0 A
Recommended Breaker	40 A (2-pole)	60 A (2-pole)	60 A (2-pole)
Minimum Wire Size (Copper)	8 AWG	6 AWG	6 AWG
Wire Type	THHN / THWN (75°C or higher, Cu)	THHN / THWN (75°C or higher, Cu)	THHN / THWN (75°C or higher, Cu)
Phase / Frequency	1Ø / 60 Hz	1Ø / 60 Hz	1Ø / 60 Hz
Water Connection (Inlet/Outlet)	1/2" NPT	1/2" NPT	1/2" NPT
Min. Activation Flow	0.5 GPM	0.5 GPM	0.5 GPM
Max Operating Pressure	150 PSI	150 PSI	150 PSI
Dimensions (H x W x D)	13.75" x 9.3" x 3.8"	13.75" x 9.3" x 3.8"	13.75" x 9.3" x 3.8"
Weight (Empty)	15.4 lbs	15.7 lbs	16.1 lbs
Display / Control	Digital Temperature Control	Digital Temperature Control	Digital Temperature Control
Installation	Wall Mounted (Vertical)	Wall Mounted (Vertical)	Wall Mounted (Vertical)
Warranty	See warranty section	See warranty section	See warranty section

CERTIFICATIONS & COMPLIANCE



ETL Listed
Conforms to UL 499
Conforms to CSA C22.2 No. 64

APPLICATIONS



Whole Home



Multi-Fixture



Condos & Apartments

WARRANTY



**5 YEAR
PRODUCT REPLACEMENT
WARRANTY***

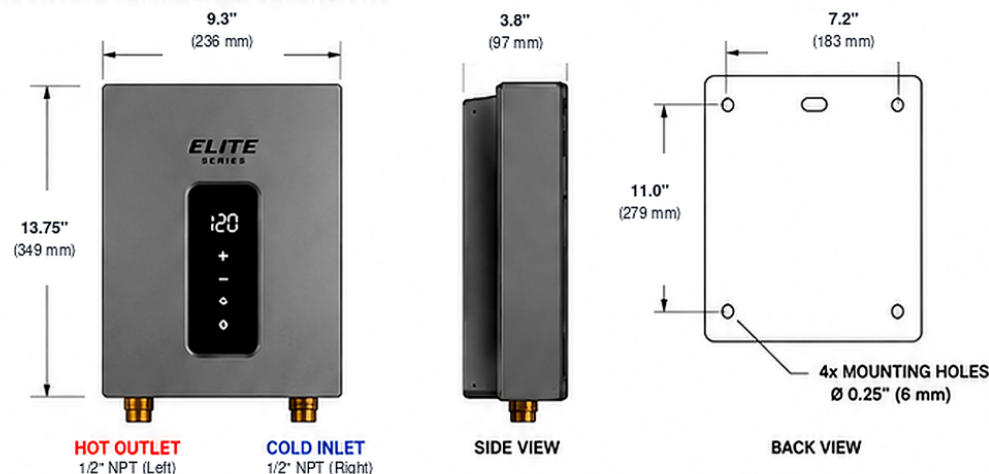
*See written warranty for full terms and conditions.



MOUNTING INSTRUCTIONS

- 1 Select a clean, dry, vertical wall near electrical and water supply.
- 2 Use mounting template to mark 4 mounting holes.
- 3 Drill holes and install appropriate anchors (supplied by installer).
- 4 Hang unit on wall using provided mounting screws.
- 5 Ensure unit is level and secure.
- 6 Connect water lines (cold right, hot left) and electrical per diagram.

MOUNTING TEMPLATE & DIMENSIONS



PLUMBING CONNECTIONS

Pipe Size: 1/2" NPT (Inlet & Outlet)

Thread Type: NPT (Tapered)

Approved Pipe Materials (Hot Water Rated):

- ✓ Copper (Type L)
- ✓ PEX (with brass/SS fittings)
- ✓ PEX (with brass/SS fittings)
- ✓ Stainless Steel (corrugated or rigid)

⚠ All materials and connections must be rated for hot water and 150 PSI minimum.

ELECTRICAL CONNECTIONS

Voltage: 240 V

Phase: Single Phase (1Ø)

Frequency: 60 Hz

Wire Type: THHN / THWN (75°C or higher, Copper)

Connect to a dedicated 2-pole breaker per model.

⚠ Must be installed in accordance with all applicable electrical codes.

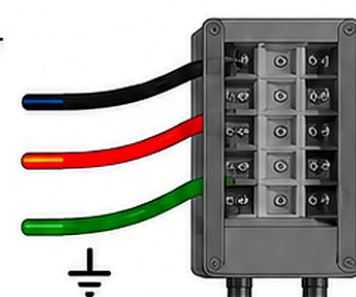
WIRE CONNECTION DETAILS

240V FROM DISCONNECT

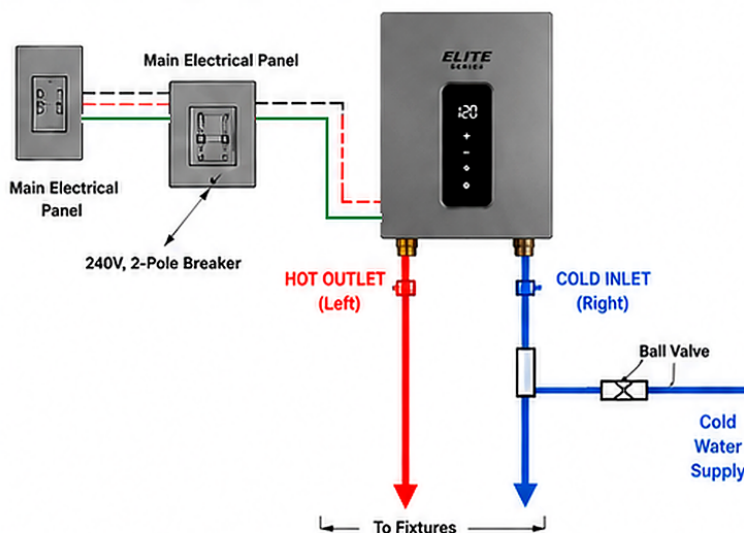
L1 (Black)

L2 (Red)

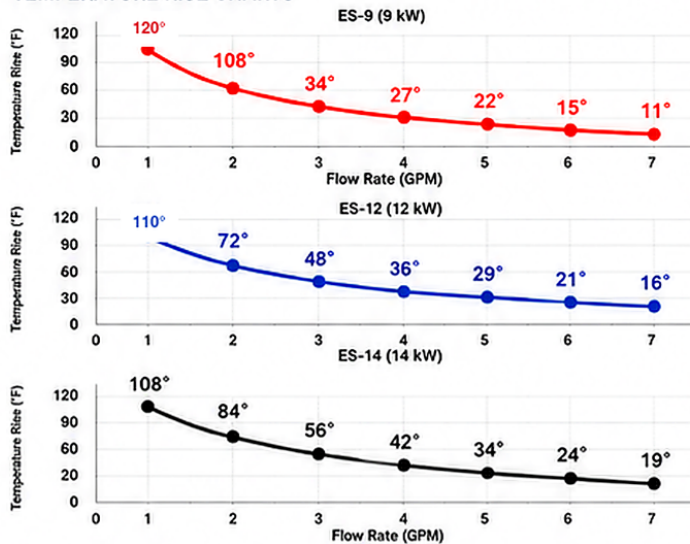
Ground (Green)



TYPICAL INSTALLATION DIAGRAM

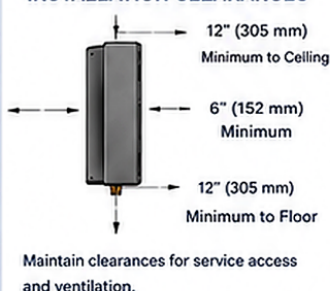


TEMPERATURE RISE CHARTS



Graphs based on 240V, actual performance. Temperature rise will vary based on inlet temperature and installation conditions.

INSTALLATION CLEARANCES



NOTES

- Install unit indoors only.
- Mount in vertical orientation only.
- Do not install in areas subject to freezing.
- Use water filter if water quality is poor.
- Flush water lines before connecting.
- Follow all local plumbing and electrical codes.

PROJECT INFORMATION (To be completed by installer)

Project Name: _____ Date: _____

Model: ☐ ES-9 ☐ ES-12 ☐ ES-14

Inlet Water Temp (°F): _____ Estimated Flow (GPM): _____

Required Temp Rise (°F): _____

Voltage: _____ Breaker Size: _____ Wire Size: _____

Plumber: _____ Contractor: _____

Engineer: _____ Phone: _____

Notes / Special Instructions: _____