

251,000 BTU/hr.

iQ Series, Gen II

iQ251 | iQ251D (Deionized)

TECHNOLOGY OVERVIEW

With 96% thermal efficiency and flexible design and circuit options, iQ251 and iQ251D models are the best in class wall-hung, ASME-compliant, tankless water heaters. These wall-hung iQ models are constructed for maximum durability and the most demanding commercial and industrial applications. The iQ251D is the only gas-fired, deionized on-demand water heater on the market.

• Both iQ251 and iQ251D deliver 251,000 BTU/hr.



iQ251



iQ251D

KEY FEATURES

- Wi-Fi & Cellular Connectivity – Real-time monitoring of your Gen II unit is available through the unit's 3.5" touch-screen – and accessible remotely via a mobile app. Each unit can be easily connected to your building's Wi-Fi router or to Intellihot's internet hub.
- Masterless Cascading – Eliminate single-point failure with our patented Masterless Cascading technology. If one cascaded unit is offline for servicing, all other units regroup and continue to operate. Cascade up to 2,510,000 BTU/hour (10 units) for larger applications.
- Eliminate Mixing Valves & Lower Legionella Risks – With no storage tanks, there's a lower risk for Legionella growth. By eliminating the need for mixing valves, this feature also reduces their associated unreliability and costs.
- Full Modulation – Smart units deliver maximum BTU/hr input when needed and zero BTU/hr the rest of the time.
- Gas-Fired – By using natural gas our systems lower operating costs and improve ROI vs. electric water heaters. 73KW of heating capacity available with low pressure drop; capable of 9.6 GPM at 50F temperature rise.
- Common Venting Capabilities – The iQ251 and iQ251D units transform common venting into smart-common venting.
- ASME-HLW Compliant – Suitable for applications managed by engineers, specifiers, and contractors.

	iQ251	iQ251D
Minimum input (BTU/hr)	30,000	30,000
Maximum Input (BTU/hr)	251,000	251,000
Maximum Output (BTU/hr)	240,960	240,960
Thermal Efficiency	96%	96%
Dimensions H X W X D (Inches)	26.2 x 17.7 x 15 (3.9 CU. FT)	26.2 x 17.7 x 15 (3.9 CU. FT)
Weight (LBS)	93 LBS	93 LBS
Water Pressure Min/Max (PSI)	30/160	30/160
Vent Size (Diameter)	3" Ø	3" Ø
NG/LP - (Maximum Static Gas Pressure Range)	2.5" - 14" WC	2.5" - 14" WC
Electrical (120V AC, 60Hz)	120V AC, 60Hz (Max 4.2 Amps)	120V AC, 60Hz (4.2 Amps)