

Parameters	iQ250
Type	Indoor, Wall hung, Fully Condensing
Fuel	Preset for NG / LP convertible
Minimum / Maximum Input (Btu/h)	30,000 / 250,000
Thermal Efficiency	96%
Dimensions H X W X D (inches)	26 X 17.4 X 14.9 (3.9 cu. ft)
Weight (lbs)	90
Water Inlet / Outlet Connection	3/4" NPT
Gas Inlet Connection	3/4" NPT
Minimum Flow Rate for activation	0.6 GPM
Ignition	Electronic Spark Ignition
Venting Type	Direct Vent (2 pipe - intake & exhaust), Power vent (1 pipe - exhaust only)
Venting Materials	Sch. 40 PVC, Sch. 40 CPVC, Polypropylene, Stainless Steel
Max 3" Vent Length - Single Pipe / Power Vent	130 ft, deduct 5 ft per 90° elbow
Max 3" Vent Length - Two pipe / Direct Vent	65 ft, deduct 5 ft per 90° elbow
Max 2" Vent Length - Single Pipe / Power Vent (2" not allowed at elevations above 4,000 ft)	N/A
Max 2" Vent Length - Two Pipe / Direct Vent (2" not allowed at elevations above 4,000 ft)	
Common Venting	Yes
Safety	Flame Rod, Thermal Fuse, Overheat Prevention Device, Fan Speed Monitor, Flue Temperature Monitor, Blocked Vent Detector, Water Shut Off Valve, 2X10A Fuse, Dual Flame Sensing, Flue Damper
Water Pressure Min / Max (PSI)	30 / 160
NG/LP- Minimum Static Gas Pressure 1/2"	6" (non-corrugated, black iron)
NG/LP- Minimum Static Gas Pressure 3/4"	2.5" (non-corrugated, black iron)
NG/LP - Maximum Static Gas Pressure	14"
Gas Pressure for Adjustments	8" for NG, 11" for LP
Electrical	120V AC, 60 Hz
Power Consumption	500W (Max 4.2 Amps), 8W (Standby)
Features	iQ250
Listing	ETL (Z21.10.3 / CSA 4.3), ASME HLW
Cascading	Masterless, 10 units
Heat exchanger	Expandable, Stainless 316L
Performance	iQ250
Hot Water Capacity (35F Rise)	13.8
Hot Water Capacity (45F Rise)	10.7
Hot Water Capacity (77F Rise)	6.3
Domestic Mode Temp. Settings	100 – 140°F
Commercial Mode Temp. Settings	100 – 190°F
Warranty	Heat Exchanger coil - 6 years, Parts – 1year

Note: Due to Intellihot's Policy of continuous product improvements, design and technical specifications are subject to change without notice

