

Parameter	i200, i200P	i250, i250P
Type	Indoor, Wall hung, Fully Condensing, direct ignition	
Fuel	Preset for NG / LP convertible	
Minimum / Maximum Input (Btu/h)	30,000 / 199,950	30,000 / 250,000
Thermal Efficiency	94%	92%
Energy factor	0.93	N/A
Dimensions H X W X D (inches)	26 X 17.4 X 14.9 (3.9 cu. ft)	
Weight	"P" models - 98 lbs, Non "P" models - 93 lbs	
Water and Gas connections	3/4" NPT	
Minimum Flow Rate	"P" models - No min. flow / Non "P" models - 0.6 GPM	
Venting Materials	Sch. 40 PVC, Sch. 40 CPVC, Polypropylene, Stainless Steel	
Max 3" Vent Length - Single Pipe / Power Vent	200 ft, deduct 5 ft per 90° elbow	130 ft, deduct 5 ft per 90° elbow
Max 3" Vent Length - Two pipe / Direct Vent	100 ft, deduct 5 ft per 90° elbow	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)	26 ft, deduct 5 ft per 90° elbow	N/A
Max 2" Vent Length - Two Pipe / Direct Vent (2" not allowed at elevations above 4,000 ft)	21 ft, deduct 5 ft per 90° elbow	
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	
Water Pressure Min / Max (PSI)	30 / 150	
NG/LP- Minimum Static Gas Pressure 1/2" black iron (non-corrugated)	5"	6"
NG/LP- Minimum Static Gas Pressure 3/4" black iron (non-corrugated)	2.5"	
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 & Performance	i200, i200P	i250, i250P
Recirculation	Built-in pump for "P" models	
Cascading	Masterless, 10 units non "P" models, 2 units "P" models	
Heat exchanger	Stainless 316L	
Hot Water Capacity (35F Rise)	10.8	13.2
Hot Water Capacity (45F Rise)	8.4	10.3
Hot Water Capacity (77F Rise)	5.0	6.0
Domestic Hot Water Temp. Settings	100 – 185°F	
Warranty (with recirculation)	Residential - Heat Exchanger coil - 15 years, Parts - 5 years, Labor - 1 year Commercial - Heat Exchanger coil - 6 years, Parts - 3 years, Labor - 1 year	
<i>Note: Due to Intellihot's Policy of continuous product improvements, design and technical specifications are subject to change without notice</i>		

