

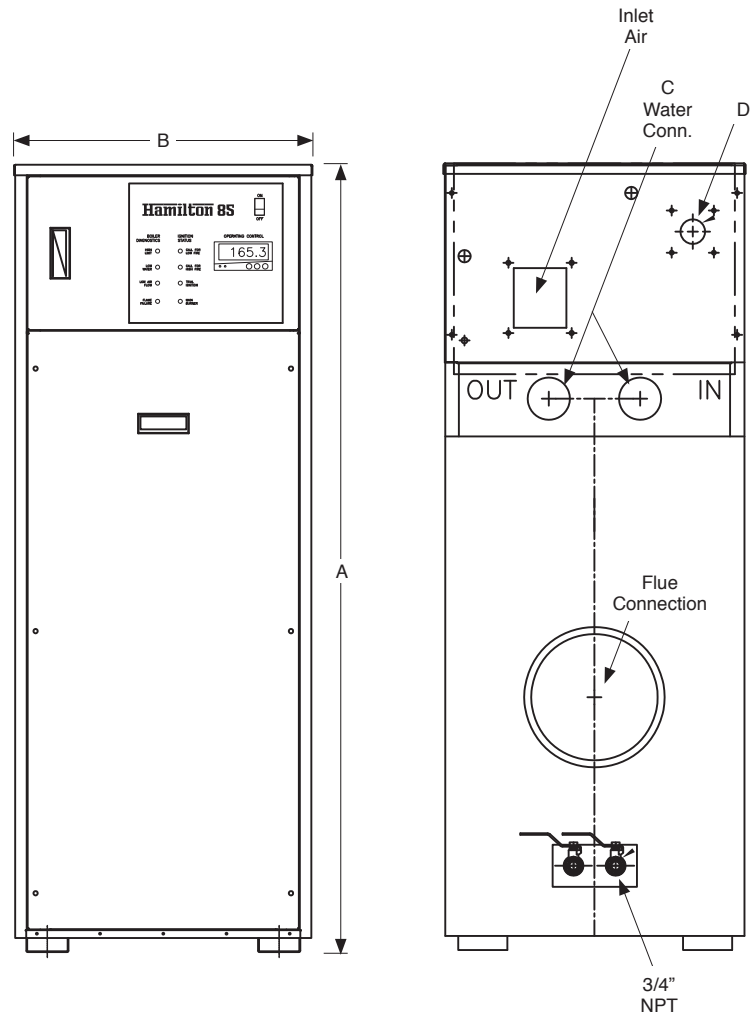
# Hamilton 85 Technical Information

## Standard Equipment

- 85% efficiency
- Finned copper tube heat exchanger, ASME
- Gasketless heat exchanger assembly
- FM/CSD-1 compliant gas train (subject to local codes)
- Stainless steel combustion chamber
- Pressurized combustion
- Self-diagnostic control
- Mounted ASME relief valve
- Pump delay relay
- Factory fired and tested
- Outlet thermometer
- Special alloy burner
- Low pressure air switch
- Heat exchanger drain
- UV flame detection
- 2-stage firing
- Low NOx SCAQMD Rule 1146.2
- Direct vent (Category I and III)
- Barometric damper (Category I)
- Bronze headers (water heaters)
- Cast iron headers (boilers)

## Optional Equipment

- Cupro-nickel finned tubes
- Outdoor installation
- Stainless steel jacket
- Freeze protection package
- Thru-wall venting



Model	Input MBTU/hr	Heater Output MBTU/hr	GPH @ 100°F Recovery	Flue Conn.	Inlet Air	A	B	C (NPT)	D (NPT)	Total Depth	Shipping Weight
HZ 500	500	425	510	8"	10"	43.0"	21.25"	2"	1"	38.5"	545 lbs.
HZ 750	750	638	765	10"	10"	49.56"	21.25"	2"	1"	38.5"	590 lbs.
HZ 1000	1000	850	1,020	10"	10"	56.06"	21.25"	2"	1.25"	38.5"	670 lbs.
HZ 1250	1250	1063	1,276	12"	12"	51.0"	25.25"	2.5"	1.25"	44.5"	815 lbs.
HZ 1500	1500	1275	1,531	12"	12"	55.5"	25.25"	2.5"	1.25"	44.5"	855 lbs.
HZ 1750	1750	1488	1,786	14"	14"	60.0"	25.25"	2.5"	1.5"	44.5"	880 lbs.
HZ 1950	1950	1658	1,990	14"	14"	64.5"	25.25"	2.5"	1.5"	44.5"	930 lbs.

\* Dimensions are approximate. Please consult factory before installation.



All models comply with A S M E boiler code



All models comply with A S M E boiler code

