

EVO Companion CWIS™ Technical Information

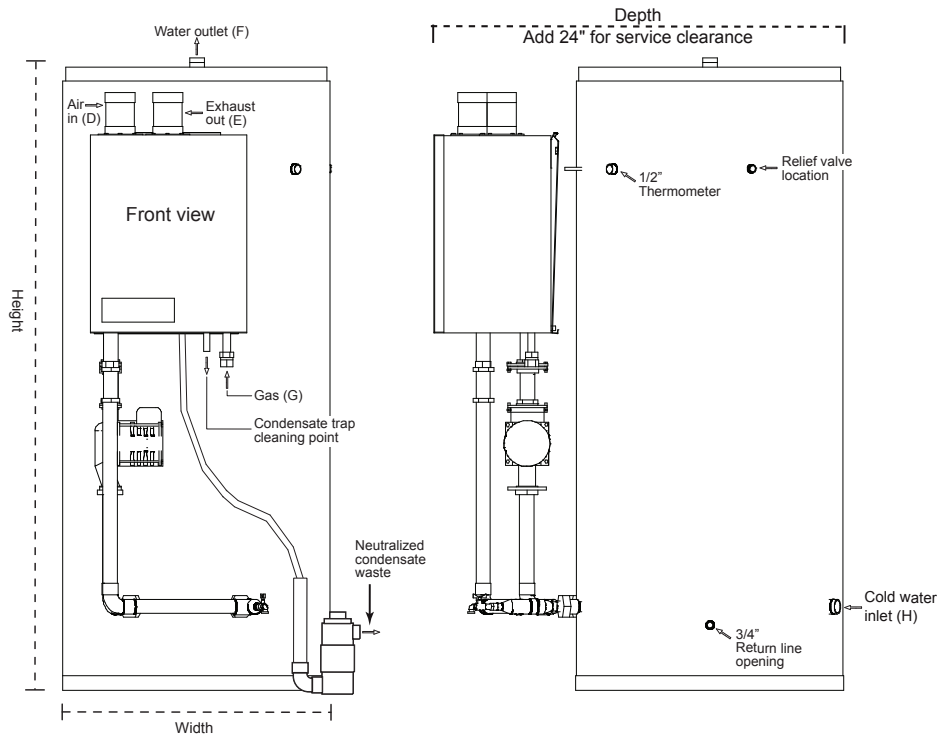


Standard Equipment

- 316L stainless steel heat exchanger
- Modulating stainless steel burner
- Self diagnostic microprocessor controls
- Externally adjustable thermostat
- Sealed combustion
- PVC or AL 29-4C stainless vent
- Stainless steel cover
- Water flow switch
- Pressure relief valve
- Dual high limit sensors
- All bronze circulating pump
- Blocked flue/ blocked condensate drain pressure switch
- Glass-lined steel tank
- Patented CWIS™ Cold Water Injection System
- 24/7 customer service

Optional Equipment

- Piping manifolds on multiple units
- Cascade controls on multiple units
- Common venting on multiple units



Model	Width	Height	Depth	D	E	F (MPT)	G (FPT)	H	I (MPT)	Cold Inlet - Height From Floor
HWDG 129/199-80 CWIS	24"	63.5"	40"	3"	3"	1.5"	0.75"	1.5"	1"	5.75"
HWDG 129/199-119 CWIS	28"	68.5"	40"	3"	3"	1.5"	0.75"	1.5"	1"	6.75"
HWDG 129/199-119 ASME CWIS	28"	63.5"	40"	3"	3"	2.5"	0.75"	2.5"	2"	8.75"
HWDG 199-160 ASME CWIS**	32"	72"	48"	3"	3"	2.5"	0.75"	2.5"	2"	9.75"

Model	Input BTU/hr	Water Heater* Output BTU/hr	Storage	GPH Recovery @ 80°FΔT	First Hour Delivery @ 100°FΔT	First hour Delivery @ 80°FΔT	First Hour Delivery @ 60°FΔT	Shipping Weight
HWDG 129-80 CWIS	136,300	134,937	80	202	254	295	362	335 lbs.
HWDG 129-119 CWIS	136,300	134,937	119	202	299	340	407	460 lbs.
HWDG 199-80 CWIS	199,999	197,999	80	297	330	389	488	339 lbs.
HWDG 199-119 CWIS	199,999	197,999	119	297	375	434	533	474 lbs.
HWDG 199-160 CWIS**	199,999	197,999	160	297	422	481	580	559 lbs.

•Maximum amperage draw at 230 volts single phase is less than 3 amps

*At 99% thermal efficiency with 60°F incoming water to heat exchanger

**160 Gallon tank available ASME only

