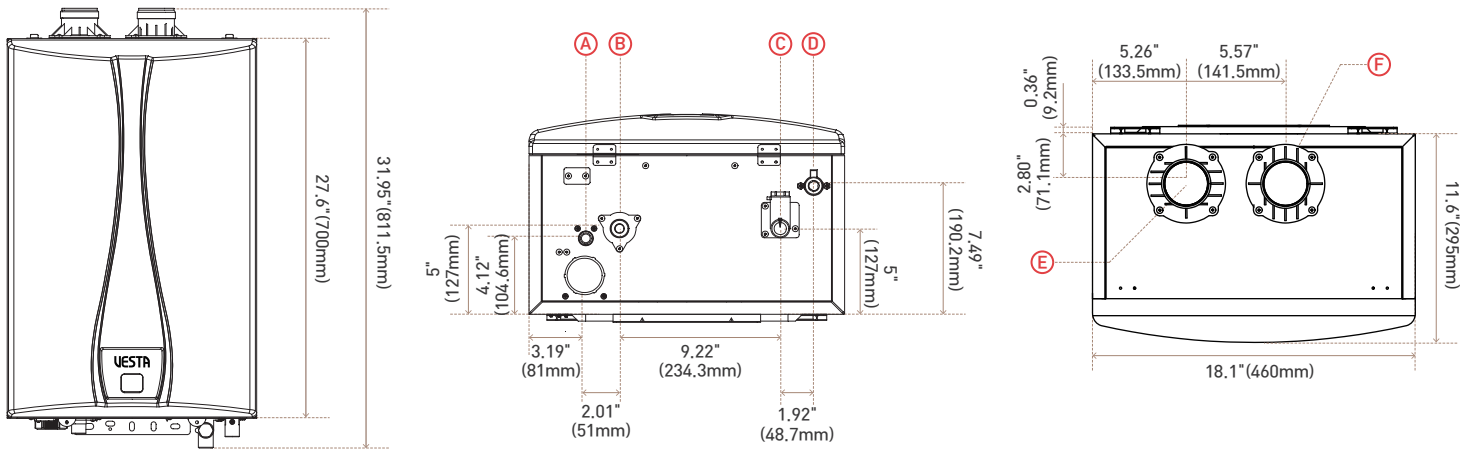


# Wine Revolution VRS Series

Tankless condensing Gas Water heater

[Specification Sheet]

## Dimensions



	A	B	C	D	E	F
<b>Description</b>	Condensate drain	Hot water outlet	Cold water inlet	Gas inlet	Exhaust	Intake
<b>Diameter</b>	1/2"	3/4"	3/4"	3/4"	2"	2"

## Specification Sheet

MODEL		VRS-150	VRS-199
<b>Heat Capacity (Input)</b>	Natural Gas / Propane	19,900 - 150,000 BTU/H	19,900 - 199,000 BTU/H
<b>Energy Factor</b>	Natural Gas (Propane)	0.97 (0.97)	0.97 (0.97)
<b>Flow Rate (DHW)</b>	35 °F (19 °C) Temp Rise	8.4 GPM (32 LPM)	11.2 GPM (42 LPM)
	45 °F (25 °C) Temp Rise	6.5 GPM (25 LPM)	8.7 GPM (33 LPM)
	70 °F (38 °C) Temp Rise	4.2 GPM (16 LPM)	5.5 GPM (21 LPM)
<b>Dimension (W x H x D)</b>		18.1" x 27.6" x 11.6" (460 mm x 700 mm x 295 mm)	
<b>Weight</b>		66 lbs (30 kg)	
<b>Installation</b>		Indoor wall-hung	
<b>Venting Type</b>		Forced draft direct vent	
<b>Ignition</b>		Electronic ignition	
<b>Water Pressure</b>		15 psi ~ 150 psi	
<b>Supply Pressure</b>	Nature Gas	3.5" ~ 10.5" WC	
	Propane	8" ~ 13" WC	
<b>Manifold Pressure</b>	Nature Gas (Min. -Max.)	0.01" WC ~ -0.35" WC	0.01" WC ~ -0.59" WC
	Propane (Min. -Max.)	0.01" WC ~ -0.30" WC	0.01" WC ~ -0.56" WC
<b>Minimum Flow Rate</b>		0.5 GPM (1.9 LPM)	
<b>Temperature Range</b>		98 °F ~ 140 °F (37 °C ~ 60 °C) / up to 180 °F (82 °C) for commercial	
<b>Ultra Low NOx</b>		Yes	
<b>Connection Sizes</b>	Cold water inlet	3/4" NPT	
	Hot water outlet	3/4" NPT	
	Gas inlet	3/4" NPT	
	Condensate Drain	1/2" NPT	
<b>Power Supply</b>	Main supply	120 V AC, 60 Hz / use less than 5 amp	
	Maximum Power Consumption	75W	105W
<b>Materials</b>	Heat Exchanger	Primary Heat Exchanger : Stainless steel	
		Secondary Heat Exchanger : Stainless steel	
<b>Venting</b>	Exhaust	2" or 3" PVC, CPVC, Polypropylene	
		2" or 3" Special gas vent type BH (Class II, A/B/C)	
	Intake	2" or 3" PVC, CPVC, Polypropylene	
		2" or 3" Special gas vent type BH (Class II, A/B/C)	
	Vent Clearances		0" to combustibles
Length	2"	60 ft (18.3 m)	
	3"	150 ft (45.7 m)	
<b>Safety devices</b>		Flame rod, APS, Over heat preventer, Anti frozen device Exhaust temperature high limit sensor, Power surge fuse	