

VRP/VRS PLUS+

Revolution Water Heater

VESTA.DS, Inc.
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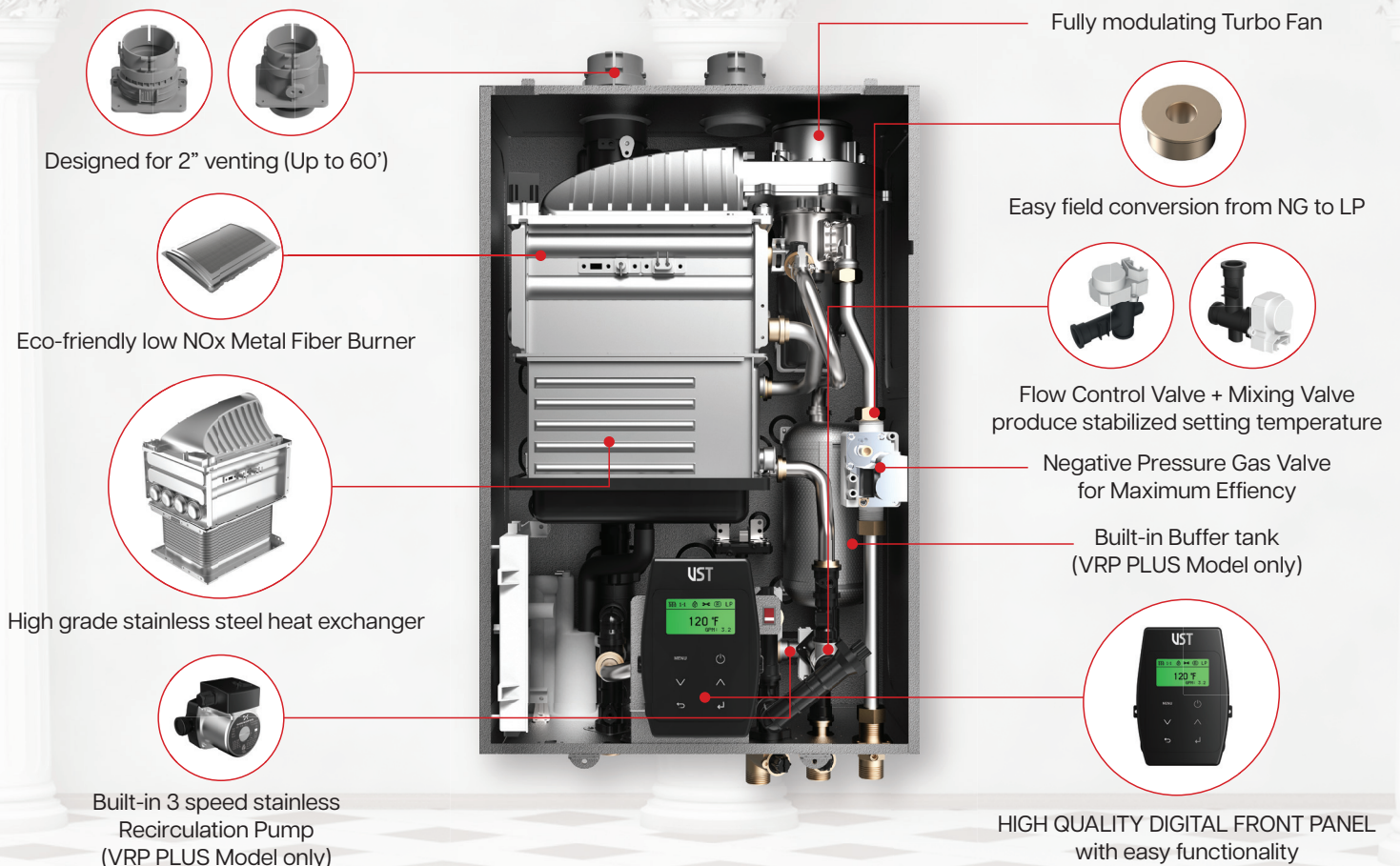
The new VRS/VRP PLUS+ series heaters from Vesta combine a low pressure drop, durable stainless steel heat exchanger with easy to service access panels. The state of the art digital front panel allows for complete functionality and programming at your fingertips.

CHARACTERISTIC

- 0.96 UEF
- Utilizes existing 1/2" gas line up to 24'
- Self calibration - customizing unit operation parameters.
- Built-in stainless steel tank prevents cold water sandwich and produces quick endless hot water.
- Simple field conversion from Natural Gas to LP/Propane.
- Environmentally friendly Low NOx combustion system - SCAQMD 1146.2 compliant.
- Service maintenance friendly "access panel" and air intake filter.
- High quality digital front panel display.
- Built-in 3 speed stainless steel recirculation pump.
- Applicable for residential and commercial installation.

VRS PLUS : Standard model

VRP PLUS : Built-in circulation pump with buffer tank

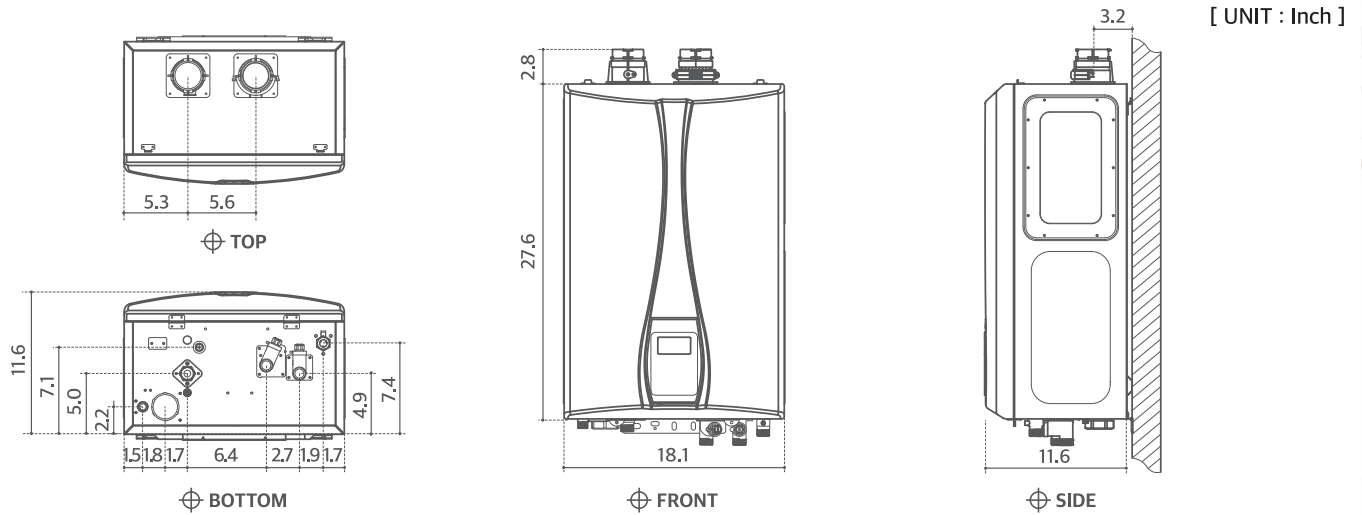


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DIMENSIONS



SPECIFICATION

MODEL		VRP PLUS - 150	VRS PLUS - 150	VRP PLUS - 199	VRS PLUS - 199	
Heat Capacity (Input)	Natural Gas / Propane	19,900 - 150,000 BTU/H		19,900 - 199,000 BTU/H		
UEF	Natural Gas / Propane	0.95	0.96	0.95	0.96	
Flow Rate (DHW)	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 (24 LPM)		8.7 GPM (33 LPM)		
	77°F (37°C) Temp Rise	3.8 GPM (14 LPM)		5.1 GPM (19 LPM)		
Dimension (W x H x D)		18.1" x 27.6" x 11.6" (460mm x 700mm x 295mm)				
Weight		75lbs(34kg)	67lbs(30kg)	75lbs(34kg)	67lbs(30kg)	
Installation Type		Outdoor/Indoor wall mounted				
Venting Type		Force draft direct vent				
Ignition		Electronic ignition				
Water Pressure		15 ~ 150 psi				
Supply Pressure	Natural Gas	3.5" ~ 10.5" WC				
	Propane Gas	8" ~ 13" WC				
Manifold Pressure	Natural Gas (Min. - Max.)	0.01"~-0.35"WC (0.01"~-0.30"WC)		0.01"~-0.59"WC (0.01"~-0.55"WC)		
	Propane Gas (Min. - Max.)	0.01"~-0.30"WC (0.01"~-0.26"WC)		0.01"~-0.56"WC (0.01"~-0.50"WC)		
Minimum Flow Rate		0.4 GPM				
Temperature Range		98°F ~ 140°F (37°C~60°C) / Commercial : up to 180°F(82°C)				
Connection Size	Cold Water Inlet	3/4" NPT				
	Hot Water Outlet	3/4" NPT				
	Recirculation Water Inlet	3/4" NPT (only VRP PLUS models)				
	Gas Inlet	3/4" NPT				
Power Supply	Main Supply	120V, AC 60Hz / use less than 5amp				
	Power Consumption	135 W	75 W	165 W	105 W	
Materials	Heat Exchanger	Stainless Steel		Stainless Steel		
Venting	Exhaust 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"	60ft (18.3m)			
		3"	150ft (45.7m)			
Safety Devices		Flame rod, APS, Overheat prevent, Freeze protection device, Exhaust temperature high limit sensor, Power surge fuse				