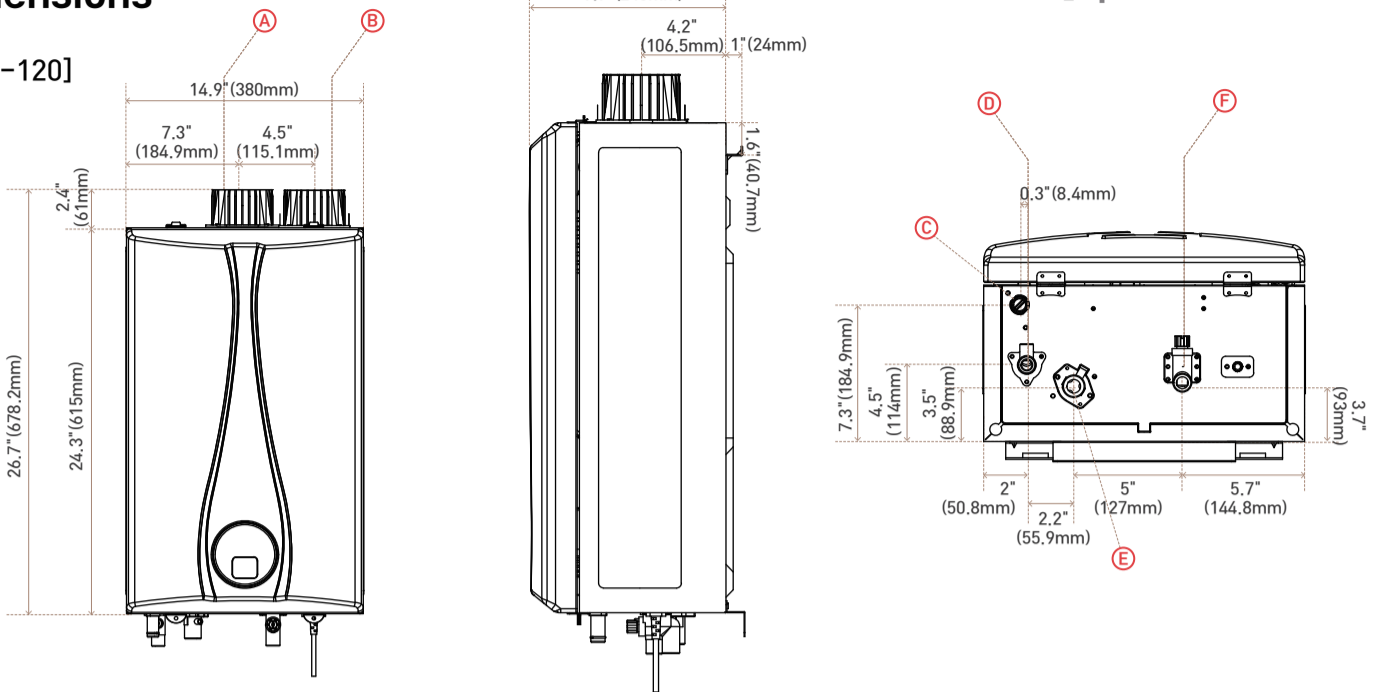


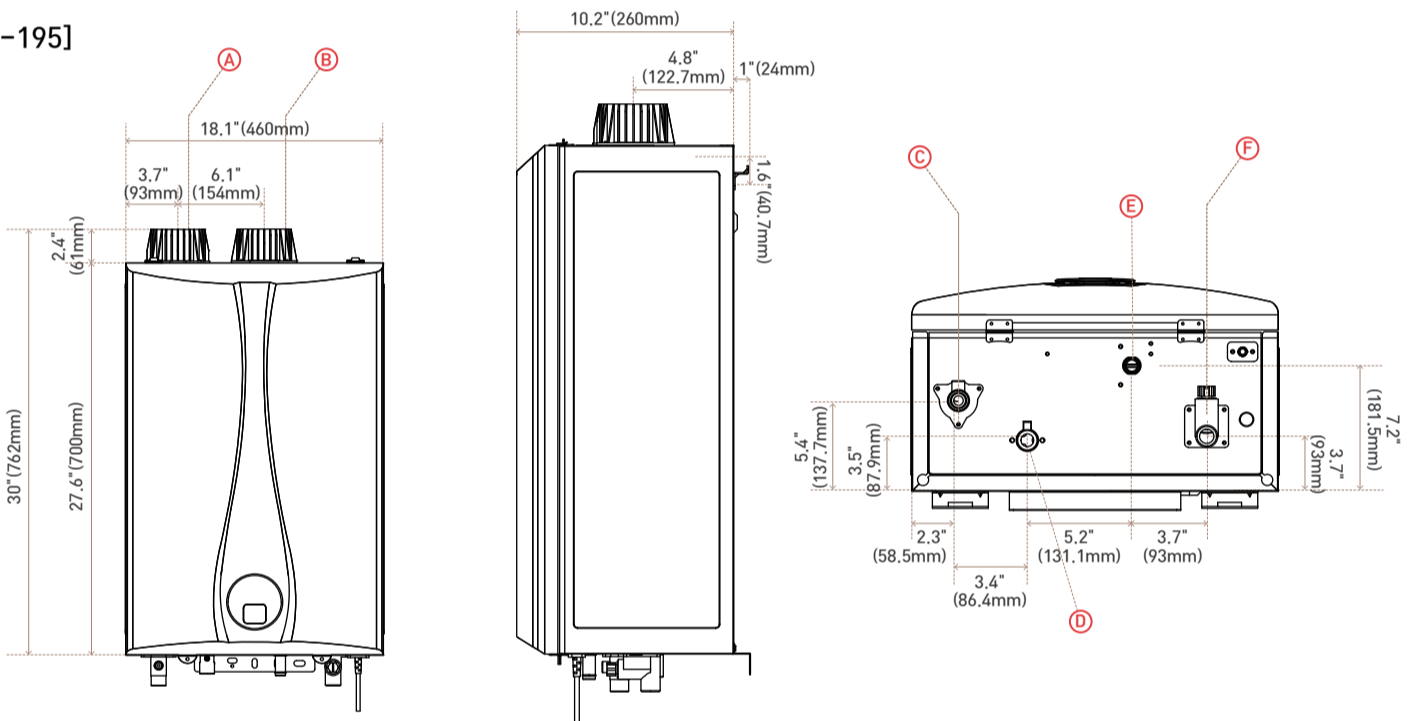
### Dimensions

[VW-120]



	A	B	C	D	E	F
Description	Exhaust	Intake	Condensate drain	Hot water outlet	Gas inlet	Cold water inlet
Diameter	3"	3"	-	3/4"	3/4"	3/4"

[VW-195]



	A	B	C	D	E	F
Description	Intake	Exhaust	Hot water outlet	Gas inlet	Condensate drain	Cold water inlet
Diameter	3"	3"	3/4"	3/4"	-	3/4"

### Specification Sheet

MODEL		VW-120	VW-195
Heat Capacity(Input)	Nature Gas / Propane	18,000 - 120,000 BTU/H	26,000 - 190,000 BTU/H
Energy Factor	Nature Gas (Propane)	0.92 (0.92)	0.91 (0.91)
Flow Rate (DHW)	35°F (19°C) Temp Rise	6.3 GPM (24.4 LPM)	9.9 GPM (38.2 LPM)
	45°F (25°C) Temp Rise	4.9 GPM (18.5 LPM)	8.1 GPM (29.0 LPM)
	70°F (38°C) Temp Rise	3.1 GPM (12.2 LPM)	5.4 GPM (19.1 LPM)
Dimension (W x H x D)		14.9" x 24.3" x 9.7" (380 mm x 615 mm x 245 mm)	18.1" x 27.6" x 10.2" (460 mm x 700 mm x 260 mm)
Weight		51 lbs (23 kg)	64 lbs (29 kg)
Installation		Indoor wall-hung	
Venting Type		Forced draft direct vent	
Ignition		Electronic ignition	
Water Pressure		15 psi ~ 150 psi	
Supply Pressure	Nature Gas	3.5" ~ 10.5" WC	
	Propane	8" ~ 13" WC	
Manifold Pressure	Nature Gas (Min.-Max.)	0.7" WC ~ 4.0" WC	0.7" WC ~ 4.0" WC
	Propane (Min.-Max.)	0.9" WC ~ 4.7" WC	0.7" WC ~ 4.3" WC
Minimum Flow Rate		0.5 GPM (1.97 LPM)	0.6 GPM (2.27 LPM)
Temperature Range		98 °F ~ 140 °F (37 °C ~ 60 °C)	
Connection Sizes	Cold water inlet	3/4" NPT	
	Hot water outlet	3/4" NPT	
	Gas inlet	3/4" NPT	
Power Supply	Main supply	120V AC, 60Hz / use less than 5 amp	
	Maximum Power Consumption	81W	146W
Materials	Primary Heat Exchanger	Copper plate fin-tube type	
	Secondary Heat Exchanger	Aluminum Hi-fin inserted copper tube type	
Venting	Exhaust	3" PVC, CPVC	
	Intake	3" Special gas vent type BH (Class II A/B)	
	Vent Clearances	0" to combustibles	
	Length	38 ft (11.6 m)	
Safety devices		Flame rod, APS, Over heat preventer, Freeze protection Device, Fan Rotation Detector	