

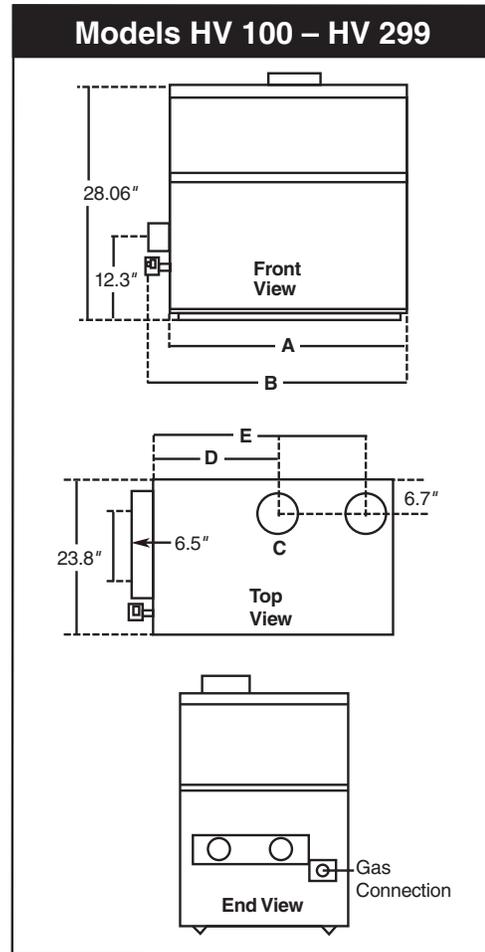
# Hamilton Mini V-Tube Technical Information

## Standard Equipment

- Burner observation port
- High efficiency Stainless Steel burners
- Two stage firing
- Two adjustable operating controls
- Fixed high limit @ 200°F
- Hot surface ignition
- Terminal strip
- Gasket-less heat exchanger
- 160 PSI ASME working pressure
- Mounted relief valve
- Air inlet cover
- Conventional vent increaser
- AGA Certified for closet and alcove installation
- Vertical sealed air (up to 50 Sq. ft.)
- Flow switch
- 24/7 Customer Service

## Optional Equipment

- Horizontal direct venting (up to 50 equivalent feet)
- Intermittent pump controls
- Manual reset high limit
- Adjustable high limit
- Pre-plumbed packages

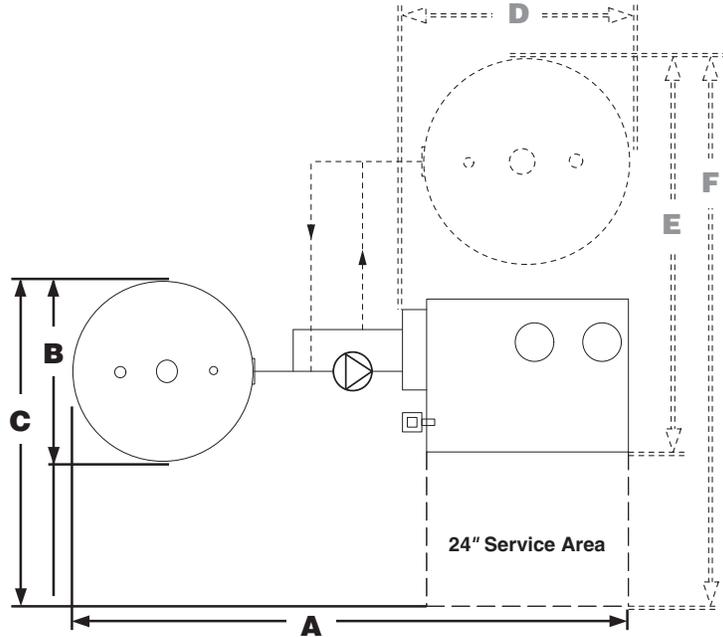


Model	Input BTU/hr	Heater Output BTU/hr	GPH@ 100°F Recovery	Water Conn.	Gas Conn.	Amp Draw	A	B	C	D	E	Shipping Weight
HV 100	100,000	85,000	103	2"	0.50"	5.3	18.8"	22.25"	5.0"	7.1"	14.0"	180 lbs.
HV 150	150,000	127,500	155	2"	0.75"	5.3	19.3"	23.50"	5.0"	7.1"	16.0"	203 lbs.
HV 200	199,999	170,000	206	2"	0.75"	5.3	23.7"	28.00"	5.0"	9.0"	19.8"	225 lbs.
HV 250	250,000	212,500	258	2"	0.75"	5.3	27.5"	31.75"	5.0"	10.3"	23.6"	246 lbs.
HV 299	300,000	255,000	309	2"	0.75"	5.3	31.3"	35.00"	5.0"	13.1"	23.5"	268 lbs.

\*Dimensions are approximate. Please consult factory before installation.  
Water Connections: Model HV 100 - 1.5", Models HV 150 - HV 299 - 2" FPT  
Use one size smaller exhaust for conventional venting.



# Mini V-Tube Standard Pre-Plumbing Configurations



End-To-End Configuration—Dimensions are approximate. Please consult the factory before installation

Model	120 Gallon tank (28")			175 & 200 Gallon tank (32")			220 & 257 Gallon tank (30")			275 & 350 Gallon tank (36")			432 & 500 Gallon tank (42")		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
HV 100	6'3"	2'4"	4'3"	6'7"	2'8"	4'5"	6'5"	2'6"	4'4"	6'11"	3'0"	4'7"	7'5"	3'6"	4'10"
HV 150	6'4"	2'4"	4'3"	6'8"	2'8"	4'5"	6'6"	2'6"	4'4"	7'0"	3'0"	4'7"	7'6"	3'6"	4'10"
HV 200	6'8"	2'4"	4'3"	7'0"	2'8"	4'5"	6'10"	2'6"	4'4"	7'4"	3'0"	4'7"	7'10"	3'6"	4'10"
HV 250	7'0"	2'4"	4'3"	7'4"	2'8"	4'5"	7'2"	2'6"	4'4"	7'8"	3'0"	4'7"	8'2"	3'6"	4'10"
HV 299	7'3"	2'4"	4'3"	7'7"	2'8"	4'5"	7'5"	2'6"	4'4"	7'11"	3'0"	4'7"	8'5"	3'6"	4'10"

Side -To -Side Configuration—Dimensions are approximate. Please consult the factory before installation

Model	120 Gallon tank (28")			175 & 200 Gallon tank (32")			220 & 257 Gallon tank (30")			275 & 350 Gallon tank (36")			432 & 500 Gallon tank (42")		
	D	E	F	D	E	F	D	E	F	D	E	F	D	E	F
HV 100	3'2"	4'10"	6'10"	3'2"	5'2"	7'2"	3'2"	5'0"	7'0"	3'4"	5'6"	7'6"	3'8"	6'0"	8'0"
HV 150	3'3"	4'10"	6'10"	3'3"	5'2"	7'2"	3'3"	5'0"	7'0"	3'5"	5'6"	7'6"	3'9"	6'0"	8'0"
HV 200	3'7"	4'10"	6'10"	3'7"	5'2"	7'2"	3'7"	5'0"	7'0"	3'9"	5'6"	7'6"	4'1"	6'0"	8'0"
HV 250	3'11"	4'10"	6'10"	3'11"	5'2"	7'2"	3'11"	5'0"	7'0"	4'1"	5'6"	7'6"	4'5"	6'0"	8'0"
HV 299	4'2"	4'10"	6'10"	4'2"	5'2"	7'2"	4'2"	5'0"	7'0"	4'4"	5'6"	7'6"	4'8"	6'0"	8'0"