

## Alpine Specifications

Model No. <sup>1</sup>	Input (MBH)			Output (MBH)	Net I=B=R (MBH)	AFUE (%)	Boiler Water Volume (gallons)	Heat Trans. Area (sq ft.)	Shipping Weight <sup>2</sup> (pounds)
	Minimum		Maximum						
	to 2k ft.	2-7k ft.	0-7k ft.						
ALP080 <sup>1</sup>	16	27	80	73	63	95	0.6	7.3	137 <sup>2</sup>
ALP105 <sup>1</sup>	21	35	105	96	83	95	0.7	9.1	155 <sup>2</sup>
ALP150 <sup>1</sup>	30	50	150	137	119	95	1.3	16.4	182 <sup>2</sup>
ALP210 <sup>1</sup>	42	70	210	193	168	95	1.7	21.8	206 <sup>2</sup>
ALP285	57	57	285	263	229	95	2.4	29.1	256
ALP399	80	80	399	377*	328	94.1/94.5**	3.4	41.8	304
ALP500	100	100	500	475*	413	95**	4.2	50.3	375

NOTES: DOE Heating Capacity (ALP080 through ALP285); Gross Output (ALP399-500) \*Gross output Maximum Working Pressure - Water: ALP080-285=30PSI; ALP399-500=50PSI; 80PSI optional on all models ASME certified 160 psi at 210°F. Max temperature setting 195°F

\*\* Thermal/combustion efficiency

Maximum operating setpoint 195°F (up to 210°F with low return temps—see manual for details)

Boilers shipped set for natural gas; field adjustment for LP (see instruction manual)

For elevations above 2000 feet, reduce ratings four percent (2.5%) per 1000 feet above sea level

1. Add suffix "F" for floor mounted models, or suffix "W" for wall mounted models

2. Add 15 lbs. to shipping weight for wall mounted models



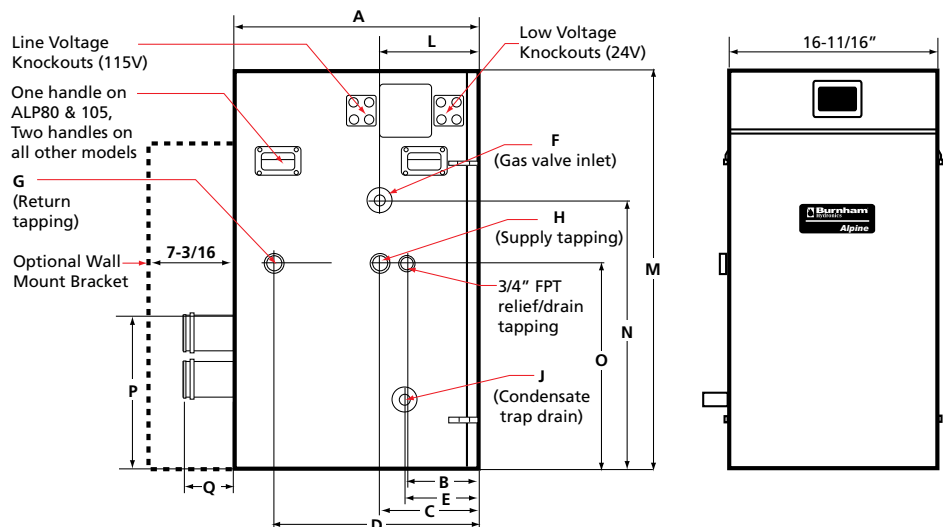
## Alpine Dimensions

Model No.	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	G (in.)	H (in.)	J (in.)	L (in.)	M (in.)	N (in.)	O (in.)	P (in.)	Q (in.)
ALP080	12-9/16	5-5/8	7-5/16	9-5/16	5-15/16	1/2	1	1	*	8	32-3/16	21-3/4	16-11/16	12-1/2	4-3/4
ALP105	14	5-13/16	7-5/16	10-3/4	5-15/16	1/2	1	1	*	8	32-3/16	21-3/4	16-11/16	12-1/2	4-3/4
ALP150	19-11/16	5-13/16	7-5/16	16-7/16	5-15/16	1/2	1	1	*	8	32-3/16	21-3/4	16-11/16	12-1/2	4-3/4
ALP210	23-15/16	5-13/16	7-5/16	17-1/8	5-15/16	1/2	1	1	*	8	32-3/16	21-3/4	16-11/16	12-1/2	4-3/4
ALP285	21-13/16	7-5/16	14-1/8	18	12-1/4	3/4	1-1/4	1-1/4	*	8-5/16	43-7/16	32-7/16	17-5/16	12-3/16	4-3/4
ALP399	28-7/8	6-3/16	13-1/16	23-3/4	15-13/16	1	1-1/2	1-1/2	*	8-5/16	43-7/16	32-7/16	17-5/16	12-3/16	4-3/4
ALP500	44-7/8	22-1/8	29	39-11/16	29-5/8	3/4	1-1/2	1-1/2	*	7-7/16	35	14-29-32	17-5/16	12-1/4	4-3/4

\*Factory provided socket end compression pipe joining clamp for 3/4" schedule 40 PVC pipe

## Alpine CPVC to PVC Vent & Intake Sizes

Model No.	Intake Size	Vent Size	Max Length Intake/Vent
ALP080	3"	3"	100'/100'
ALP105	3"	3"	100'/100'
ALP150	4"	3"	100'/100'
ALP210	4"	3"	100'/100'
ALP285	4"	4"	60'/60'
ALP399	4"	4"	60'/60'
ALP500	4"	4"	60'/60'



NOTE: Snorkels are approved for use with PVC venting. Intake & vent lengths combined. 90° = 5 equivalent feet. Terminals do not count towards vent feet length

FIELD ADAPTABLE KIT  
AVAILABLE FOR WALL HUNG  
CONFIGURATION:  
(for ALP080 through ALP210 only)  
Part # 102991-01

**U.S. Boiler Company**  
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