

Alpine Specifications

Model No.	Input (MBH)			Output (MBH)	Net I=B=R (MBH)	AFUE (%)	Boiler Water Volume (gallons)	Heat Trans. Area (sq. ft.)	Shipping Weight (pounds)
	Minimum		Maximum						
	to 2k ft.	2-7k ft.	0-7k ft.						
ALP080	16	27	80	73	63	95	0.6	0.6	137
ALP105	21	35	105	96	83	95	0.7	0.7	155
ALP150	30	50	150	137	119	95	1.3	1.3	182
ALP210	42	70	210	193	168	95	1.7	1.7	206
ALP285	57	57	285	263	229	95	2.4	2.4	256
ALP399	80	80	399	377*	328	94.1/94.5**	3.4	3.4	304
ALP500	– Call for product availability and additional information –								

NOTES: DOE Heating Capacity (ALP080 through ALP285); Gross Output (ALP399) *Gross output
 Maximum Working Pressure - Water: ALP080-285=30PSI; ALP399=50PSI; 80PSI optional on all models
 Maximum Allowable Temperature = 210° F
 Boilers shipped set for natural gas; field adjustment for LP (see instruction manual)
 For elevations above 2000 feet, reduce ratings four percent (4%) per 1000 feet above sea level

** Thermal/combustion efficiency



Alpine Dimensions

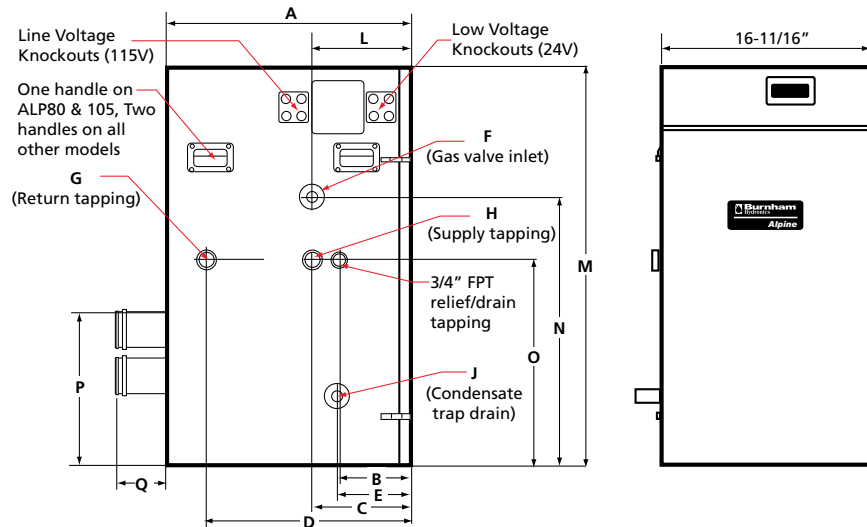
Model No.	A (in.)	B (in.)	C (in.)	D (in.)	E (in.)	F (in.)	G (in.)	H (in.)	J (in.)	L (in.)	M (in.)	O (in.)	P (in.)	Q (in.)
ALP080	12-9/16	5-5/8	7-5/16	9-5/16	5-15/16	1/2	1	1	*	8	32-3/16	16-11/16	12-1/2	4-3/4
ALP105	14	5-13/16	7-5/16	10-3/4	5-15/16	1/2	1	1	*	8	32-3/16	16-11/16	12-1/2	4-3/4
ALP150	19-11/16	5-13/16	7-5/16	16-7/16	5-15/16	1/2	1	1	*	8	32-3/16	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	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	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	17-5/16	12-3/16	4-3/4

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

Alpine Intake / Vent Sizes

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

Max length in equivalent feet for each run is 60 equivalent feet of intake & 60 equivalent feet vent length



Maximum Vent Lengths

# of 90° Elbows	2	4	6	8	10	12
Combined Intake/Vent - Feet of Pipe	110'	100'	90'	80'	70'	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



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