



# High Altitude AT NO “EXTRA CHARGE”

See how the Aspen’s high altitude performance lets you buy a less expensive, appropriately-sized boiler!



The Aspen boiler is an ENERGY STAR® rated high efficiency condensing boiler that is not subject to the same de-rate as many other 10:1 boilers installed at high altitudes. You can pay less for an Aspen boiler instead of paying more for a larger boiler that must compensate more for altitude losses.

## FACTS



- Easy to adjust Aspen altitude control settings on all standard boilers via Sage2.3 touchscreen interface
- Always superior de-rates compared to nominal industry recognized derate of 4% per 1000 feet.
  - Most Aspen derates are less than 2% per 1,000 feet
- The Aspen provides efficiency and TRUE capacity without expensive and inefficient oversizing

## EXAMPLE

- If your installation calls for a 101 MBH boiler at 7,800 feet, you can buy a ASPN-110. To get the same input from a competitive boiler, you may need to buy a more expensive 155 MBH boiler, de-rated to approximately 131 MBH (oversized)
  - Oversized boilers are prone to short-cycling and higher fuel usage at low fire

Aspen Ratings							
Model	Rated Input (MBH)	Approximate Boiler Rating at Max Altitude (MBH)					
		2,001' to 6,000'		6,001' to 7,800'		7,801' to 10,100'	
		Natural Gas	LP Gas	Natural Gas	LP Gas	Natural Gas	LP Gas
ASPN-085	85	85	85	83	83	76	77
ASPN-110	110	110	105	101	93	92	82
ASPN-155 ASPNC-155	155	134	144	119	132	102	121
ASPN-205	205	169	169	159	159	145	145
ASPN-270	270	270	238	238	207	213	165



ETL listed  
Configuration must be reset on the boiler control touchscreen at time of installation. Installing technicians must follow instructions including combustion analysis in I&O manual and related supplements

Green shading = 2% or less de-rate per 1,000 feet