



*Conversion to UCS-380
saves 19% on heating costs*

CASE STUDY



In the heart of Colorado's Rocky Mountains, at an elevation of 10,200 feet, K.W. Construction has been operating out of a 5800 square foot steel building serving surrounding counties for almost 30 years.

The owner of K.W. Construction, Kyle Welch explained that due to the nature of his business they will often find themselves pressure washing their equipment with hot water. He went on to explain that he also sublets a portion of the building to two other businesses so the heat requirements were high as well as the hot water demands (as one of the tenants is a Hair Stylist who is a heavy user of hot water).



CUSTOMER

K.W. Construction

LOCATION

Leadville, CO

INSTALLING CONTRACTOR

PSC Plumbing & Heating Frisco Co – Pete Buer

PRODUCT INSTALLED

Utica Boilers UCS-380, Utica H2O Extra High Output
85 Gallon Indirect Tank





Kyle jumped at the opportunity to upgrade the existing 16 year old Cast Iron boiler. The unit had an input of 396 MBH and 6 zones, the bottom shop floor heating 5250 sq. ft. (with in-floor heat) and the upper two floors heating 1550 sq. ft. with standard fin-tube. A 40 gallon gas fired water heater tried to keep up but all too often was unable to meet the heavy demands.

The solution was to install a UCS-380 Utica boiler with a Thermal Efficiency of 95%. Coupled with a Utica H2O 85 gallon Extra High Output Commercial Indirect tank they now have all the hot water they need!

The UCS-380 features a 316L Stainless Steel Heat Exchanger and is capable of a 10.5:1 turndown ratio. The boiler control has advanced electronics as well including:

- Anti-Wind Function - control automatically adjusts the fan speed to prevent loss of flame and lockouts
- Flame Stabilization - control allows the flame to stabilize before modulating, preventing flame drop outs and recycling

The included Primary/Secondary manifold made installation a snap. Venting was accomplished using twin pipe Polypropylene.



The combination of the Utica UCS-380 and storage tank not only improved efficiency but also realized a 19% cost savings for the owner.



For more information on Utica Boilers, visit www.utica boilers.com