

Great News in the Hospitality Industry!!

The Total Comfort Solution - An Energy-Efficient Four-Pipe Fan Coil System for under \$12/sf

Improve the comfort, efficiency and appearance of your next building! The Total Comfort Solution (TCS) allows all the advantages of a four-pipe fan coil system at an initial cost that rivals PTAC's. We have just completed the Bozeman Wingate Inn project, where TCS was used for the HVAC system, and the total mechanical costs were \$11.39 per square foot. The following table gives the cost breakdown of the mechanical system.

Component	Cost (\$)
Plumbing (incl. Refrigeration)	\$269,840.18
Sheet Metal	\$131,000.00
Sprinkler	\$85,000.00
TCS Equipment	\$129,472.70
Total	\$615,312.88

The hotel is an 86-room, 54,000 square foot facility in Bozeman, Montana. The cost of the TCS system in this building, including total mechanical, was \$11.39/sf or \$7154.80/room.

\$11.39 per Square Foot - Complete Mechanical System.

The Bozeman Wingate Inn TCS mechanical system includes these components: Air-air heat recovery that pressurizes building with fresh outside air, no-sweat pool HVAC system with below slab ductwork, Trane air-cooled scroll chiller (no AC compressors in building), redundancy in all major systems, variable speed pumping for increased energy savings and less maintenance, Vanguard homerun piping system for quiet operation and even temperature with quick response at taps, high efficiency Lochinvar boilers, Kohler bath and faucet fixtures, Honeywell thermostats that cycle fancoils only when needed, self-balancing air and water distribution systems.

Bozeman Wingate Inn - Bozeman, Montana
Opened May 1999

