



Sinclair Oil HQ - Salt Lake City, Utah, United States - ready for the future

Sinclair Oil Company was founded already in 1916. Today Sinclair Oil has more than 2,700 Sinclair brand service stations, operates two oil refineries, owns more than 1,000 miles of pipelines, exploration operations, and a trucking fleet. Despite Sinclair Oil's high age, the company still has its finger on the pulse and is aware of news in the market.

Therefore, it was a natural choice to use Sinclair Oil HQ as field test site for the new FlowCon Energy FIT System.

The FlowCon Energy FIT System (also nicknamed FlowCon FIT) is the world's first pressure independent ΔT control valve. With the FIT System **Monitoring, Measuring, Connectivity** and **Control** are obtained in one package including **PICV valve, Sensor kit** and the new FlowCon **Intelligent Interface**. The FIT System measures energy usage while monitoring coil performance and adjusts the PICV valve to optimize coil performance. The PICV valve maintains the correct flow, despite pressure changes, and guarantees that flow will only change when demand requirements change or ΔT is outside specification. By optimizing ΔT , flow rate requirements may be reduced resulting in energy savings.

FlowCon will be able to simulate exactly how much 1°C deviation in ΔT means to a system. The calculation will justify that if system ΔT is improved from e.g. 4°C actual to design ΔT of 6°C through the FlowCon Energy FIT System, the pump energy consumption will be reduced roughly by 25%. Please contact your local FlowCon office to have your system savings and payback period calculated by upgrading to the FlowCon Energy FIT System. Contact details are found at www.flowcon.com.

Project configurations

FlowCon Energy FIT System is installed as a test installation.

Consultant: Intermountain Hydronic, Salt Lake City

Project name: Sinclair Oil HQ, Salt Lake City, Utah

Valve model: FlowCon Energy FIT System, FlowCon Metering Station and FlowCon SM

Date of installation: Q1/2018.



FlowCon
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