

Energy Efficiency

Of Compressed Air Equipment



Compressed air is known as the “Third Utility” function in industrial and commercial application. It is used in process equipment, factory and assembly line related equipment, and control systems in HVAC application. A high profile industrial equipment supplier has combined the energy efficient motors and compressor equipment with data logging supplied by ACR Systems. Data loggers are connected to air compressors to measure both electric load and pressure to achieve energy efficient operation. Data is collected over a given normal operating period and analyzed. Energy input (electrical energy) is compared to energy output (mechanical energy). The ratio of energy output and energy input is the efficiency index of an air compressor unit.

Another data-logging solution from ACR Systems.

Recommended loggers: SmartReader Plus 3, SmartReader Plus 4

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