

EXECUTIVE PRODUCT SUMMARY

CoolNoMix is about energy use efficiency

CoolNoMix by Agile 8 Consulting is a device designed to reduce energy use in HVAC systems that serves human occupants in buildings; as well as industrial use spaces that require temperature control for equipment or product storage (cold and freeze storage as well as heat generating uses like data centers).

CoolNoMix uses two temperature sensors. The first sensor monitors the room temperature, while the second monitors the cooling coil. This dual-sensor approach allows the system to detect when cooling is no longer necessary.

Air conditioners and coolers rely on a compressor to circulate refrigerants. Compressors run until a connected thermostat reaches a desired temperature. **CoolNoMix** monitors the compressor and switches it off when it detects that it is no longer needed—even if the thermostat has not signaled that the room temperature is correct.

The device has a built-in intelligent control program that adjusts the compressor operation based on real-time data from the sensors. In certain configurations the fans will continue to run to maintain air circulation and comfort for the occupants—without consuming additional energy to run the compressor.

By controlling the run time of the compressor, **CoolNoMix** reduces energy consumption. Energy savings up to 40% are possible.

CoolNoMix makes HVAC systems smarter by reducing compressor runs, while keeping spaces cool.

This leads to significant savings as well as reducing the manmade carbon footprint. This is achieved without sacrificing comfort, or industrial users temperature specifications.