

Adaptive Climate Control (ACC): Future of HVAC PTAC/PTHP Systems



Retrofit existing or upgrade HVAC equipment with Real Time Adaptive Speed to save significant energy and improve performance.

ACC represents a revolution in control of motors up to 5 hp through it's patented photonic technology.

Enables easy, cost effective upgrade of many different types of furnaces, air conditioners, heat pumps etc. and decreases compressor runtime duration and frequency.

KEY Features & Benefits

- Proven, fully commercialized **Adaptive Climate Controller (ACC) Technology**
 - 15+ year history in development, demonstration, deployment.
- **Energy Savings:** More efficient control of fan speed.
- **Improved Indoor Climate and Comfort:** Adaptive match of fan speed/BTU output to provide tight temperature control.
- **Soft Start Motor:** Reduced kW Demand.
- **Temperature Sensor and Connections:** Measures, tracks and responds in real time.
- **Idle Speed with Gentle Ramp Up/Down:** Reduces Noise, Saves Energy and Improves Air Quality.
- **Anti-stall:** Prevents stalling at low RPM.
- **Manual/Auto Switch:** Auto temperature mode or override with manual dial.
- **Additional Inputs:** Ability to accept additional sensors
- **Bypass Switch:** Returns unit to original state.

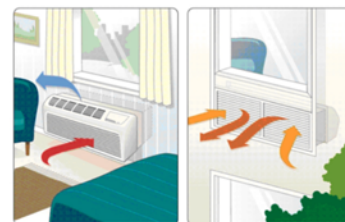
Specifications

Power Input Range: 110-277 VAC, 60 Hz, 1-16 Amps, 30-3,500 Watts

Power Output Range: 110-277 VAC, 20-60 Hz, 1-16 Amps, 30-3500 Watts

Electrical Control Input: Low Power, 2-30 Volts, 4-35 ma

Sensor Control Inputs: Temperature, Humidity, Pressure and Others



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