



AHU - Optimization

Saves Energy



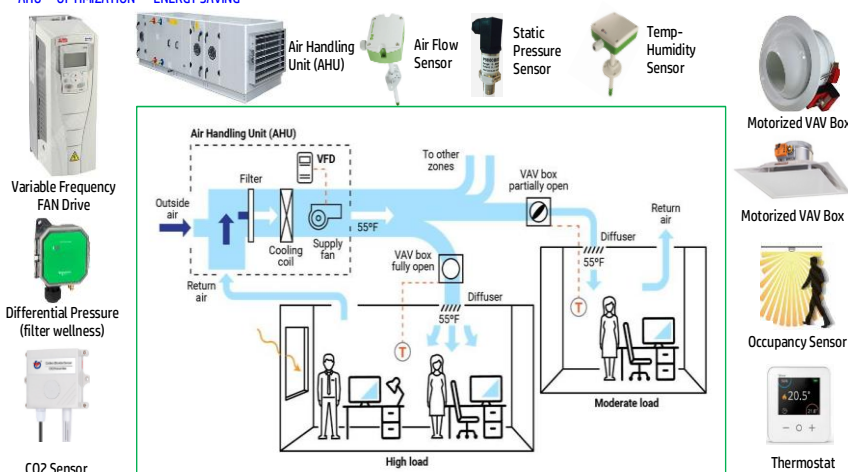
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AIR HANDLING UNIT - Optimization

In HVAC, AHU is easy energy saving application. Using return air, fresh air, modulation and AI based temperature control.

- Individual AHU run hours, energy consumption per hour
- Individual AHU Efficiencies
- Mass Flow of AHU
- Per KWHr - air volume flow
- For Volume of One Cubic Meter air - the energy consumption in KWHr.
- Indexing of AHU wise efficiency
- Individual AHU static pressure
- AHU Inlet water pressure
- AHU FAN - power, current consumption and the anomaly. FAN Vibration-temperature .

AHU - OPTIMIZATION - ENERGY SAVING



ENERGY SAVING

Upgrade your AHUs for up to 60% savings in energy cost.

Customer Benefit

Real Time Monitoring and Control
 AHU Condition Based Monitoring
 Effectiveness of AHU
 Early fault prediction & forecasting
 Automatic Report and emailing
 Thresholds based alerts
 Trend, event, history – analysis
 AHU Efficiency/Effectiveness
 Energy Saving
 Maintaining condenser process liquid temperature requirements
 Browser based monitoring and control
 Web, Mobile – Monitoring system
 Alert, event – messages

Reduce down time through effective monitoring and recommendation for early maintenance.

To improve motor efficiency by reducing power consumption through real-time monitoring and control

Automatic condition predicting will leads to reduced skill level, improving intelligence and reducing down time

Predicting failure and forecasting - eliminates costly repair charges

Database recording and retrieval leads to complete transparency

Automatic REPORT generation and emailing

Application based Chatbot system

Without visiting the web service – retrieve any information through Mobile application.

Benefit Value



DATA VISUALIZATION

All important KPI visualization leads to adapt new energy saving technique and quantify the performance improvement measure and quantify the effectiveness and energy saving.



Temperature, Pressure & Airflow Management

Integrated cooling parameters management system ensures overall performance improvement and leads to energy saving.



DATA ACCESSIBILITY

AI based Cooling temperature demand prediction system

Reduce your carbon footprint and make a positive impact in your community.



