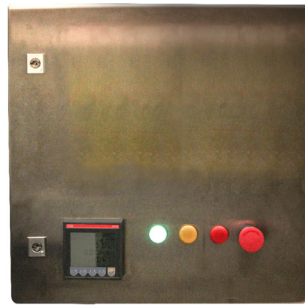


An economical solution for advanced fan operation

ExVel[®] CMS Fan Control and Monitoring Package



For further information contact

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ExVel CMS package prevents mechanical wear and failure. It enables optimal use of the equipment by monitoring and controlling the operations and conditions of single stage or multistages locally, in parallel with the plant control system.

Key advantages

Potentials for cost saving

Reduce repair and maintenance cost and time
Energy saving through optimized fan operation

Easy operation

Controlled start-up of the process applied
Smoother and faster startup of whole evaporator
Stabilized operating procedure
Easy and low-cost installation with less and simple wiring

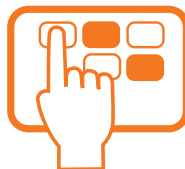
Increased safety

Prevents unexpected failure
Detect and diagnose possible faults earlier

Performance optimization

Visualized surge margin for optimized fan operation range and utilization
Provide reliability with real-time monitored data including surge monitoring

Key features



Interactive user interface
Local control and override for easy commissioning.



Collective data
Data collection, based on the information required is stored ready for analysis.



Full tracking
Real-time monitoring allows in-time control.

Key components

The package is equipped with a Programmable Logic Controller (PLC) – a reliable digital computer used for control of industrial machines and processes. They are specially designed to work under extreme industrial environments i.e. high immunity to temperature, humidity and noise.

The sensor is tailored to your needs with customized measurements.

The fan operation history can be easily evaluated with the fan usage data that is recorded by the data logger.

Real-time measurements

Temperature

Pressure

Humidity

Vibration

Surge margin

Power

Others according to customer's needs

Revolving Around You™