



Alfa Laval ACE V *speed*TM



What is the ACE V_{speed} ?

The ACE V_{speed} is a magnetically modulated variable speed drive intended for both engine and electric motor driven fans.



Engine driven application

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Electric motor driven application

How does it work?



Is the ACE V_{speed} needed?

Ask yourself this question...

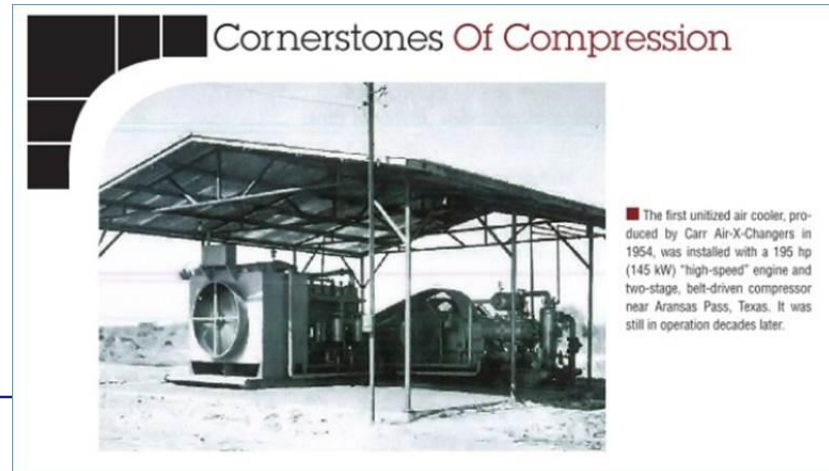
What environmentally and regulatory conscious products currently exist which **reduce** your operating costs and **increase** your profitability?

Additional topics to consider are...

Antiquity



Air cooled heat exchanger (ACHE) technology has remained wholly unchanged since the 1950's.



Overdesign

ACHE's have been sized to satisfy operating conditions that are only experienced approximately 3% of the time every year.



Regulatory Pressure



The conversation over federal regulation of compressor efficiencies has begun. While the ACHE has not yet been a focus of regulatory studies, we can help overall package efficiencies and prepare for the inevitable.

Workforce Utilization



Challenging market conditions have created an environment where doing more with fewer resources isn't a preference – it's a necessity.

Environmental Concerns



ACHE noise abatement is costly. What if we can reduce noise at sensitive times of the day and pay for it via other means, such as increase in efficiency?

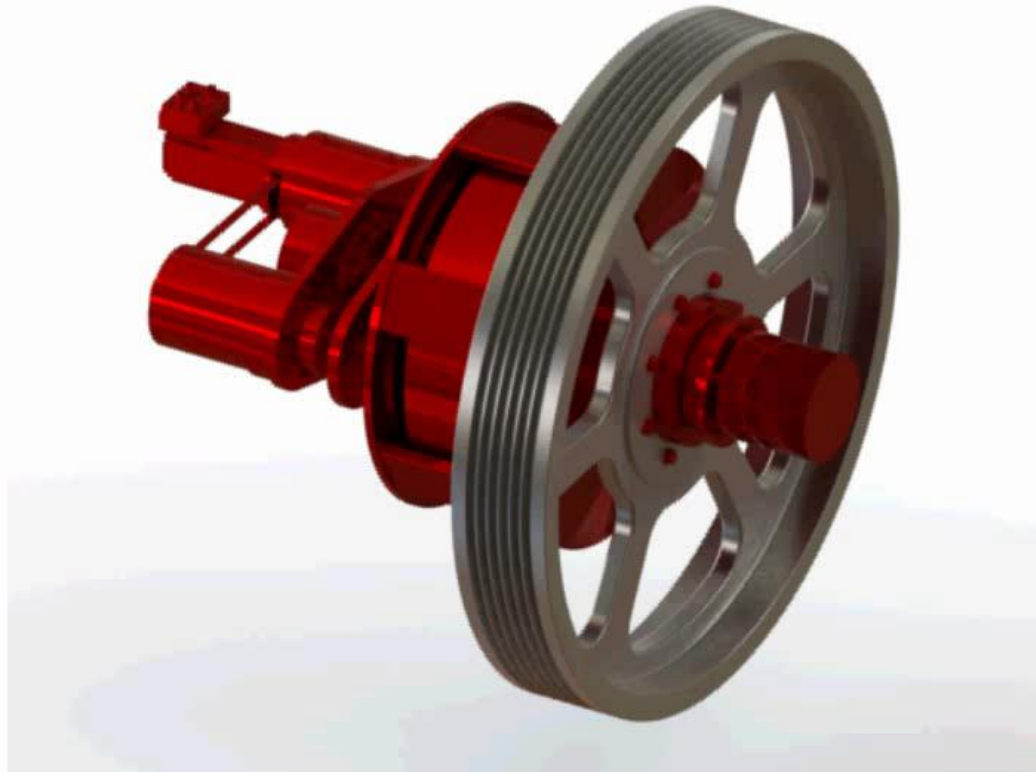
Summary



- Increases profitability by reducing operating costs
- Decreases engine drive emissions and fuel use or electric motor power consumption
- Reduces noise
- Reduces equipment wear
- Requires no special fluids to operate or maintain
- Explosion proof capable
- Can be easily retrofit onto existing installations
- An answer to potential regulatory requirements



Questions?



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