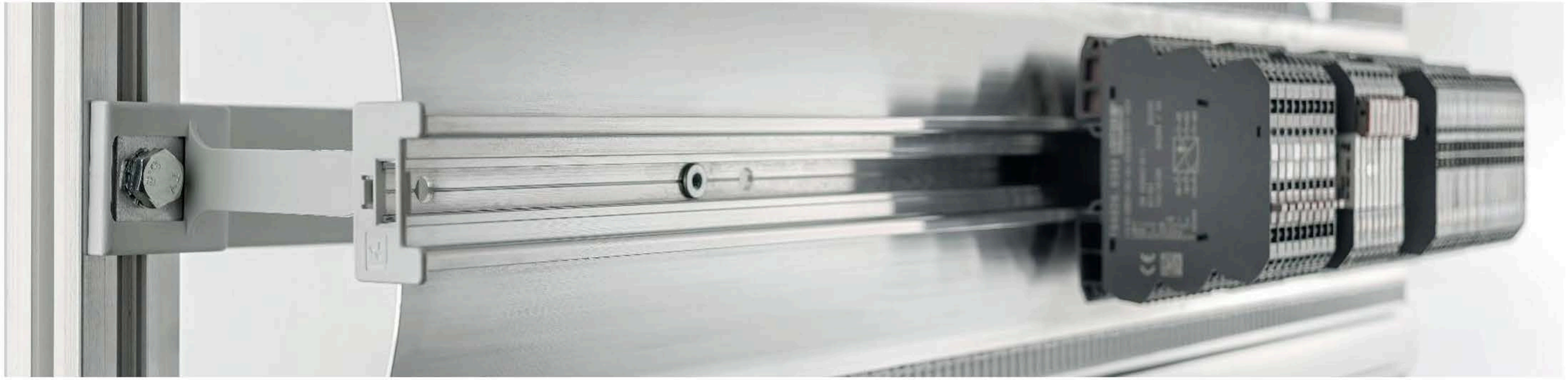


CABINET

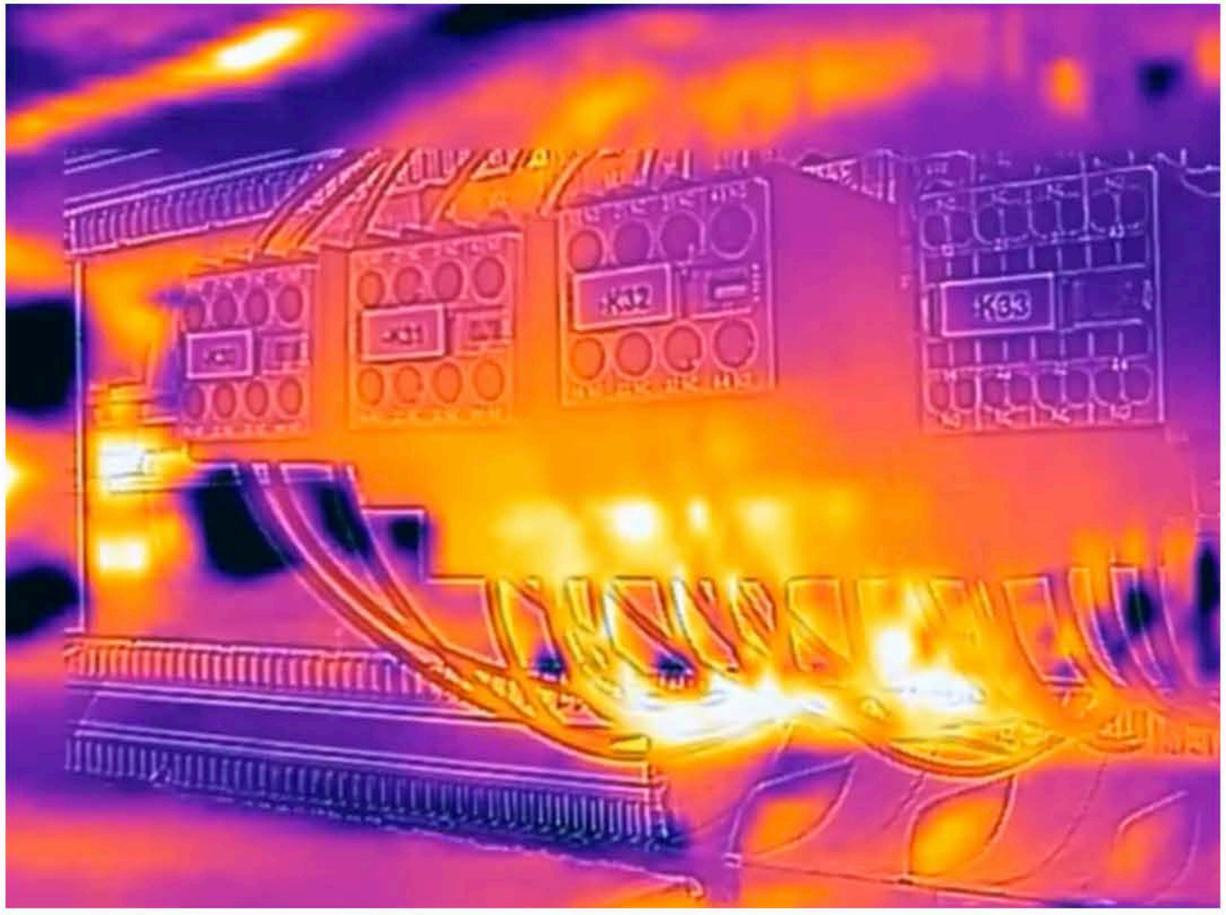
*Air*STREAM

*Air*STREAM Compact

Advantages

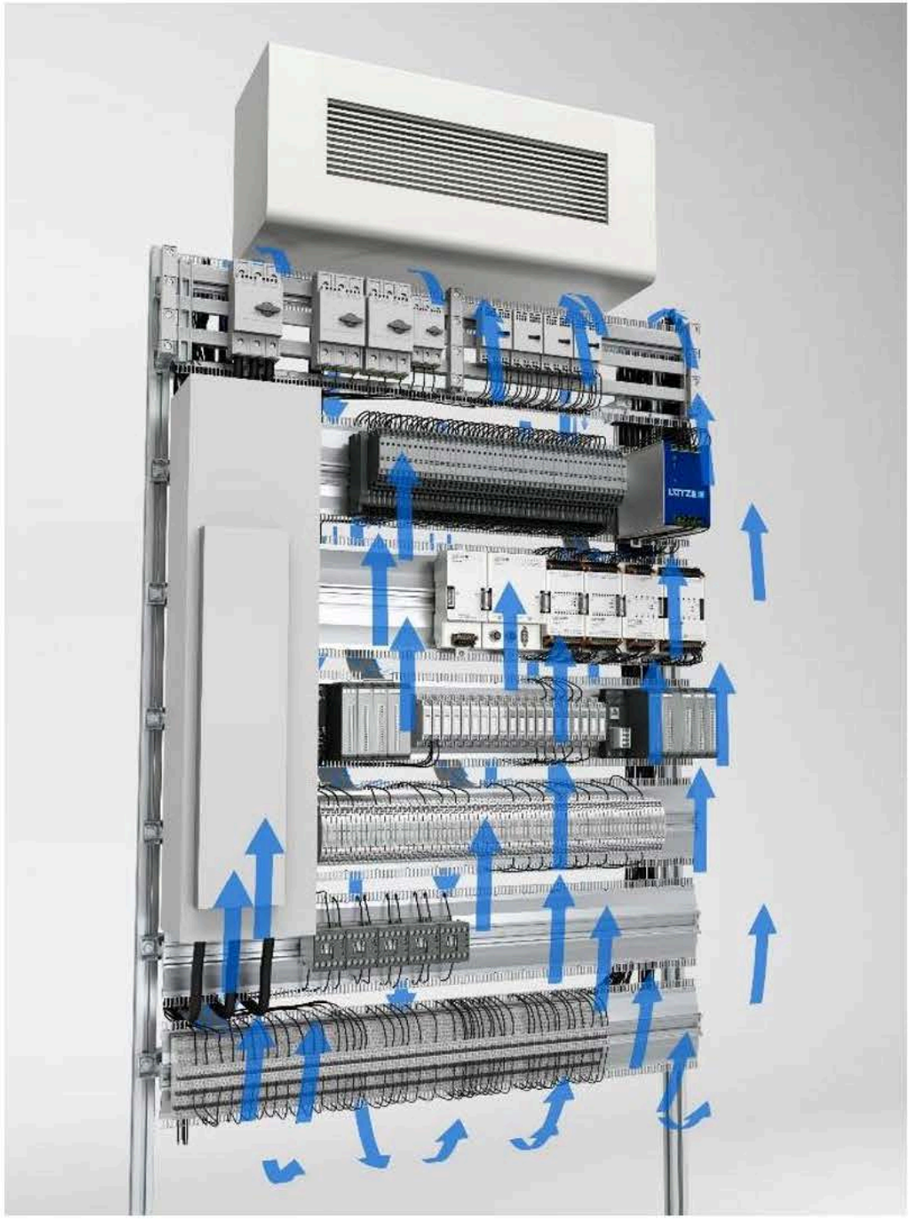
*Air*TEMP Control cabinet temperature calculation

*Air*STREM Configurator



PROBLEM ANALYSIS

- Machine downtime
- Space limitations
- Time-consuming conversion
- Hotspots
- High energy costs

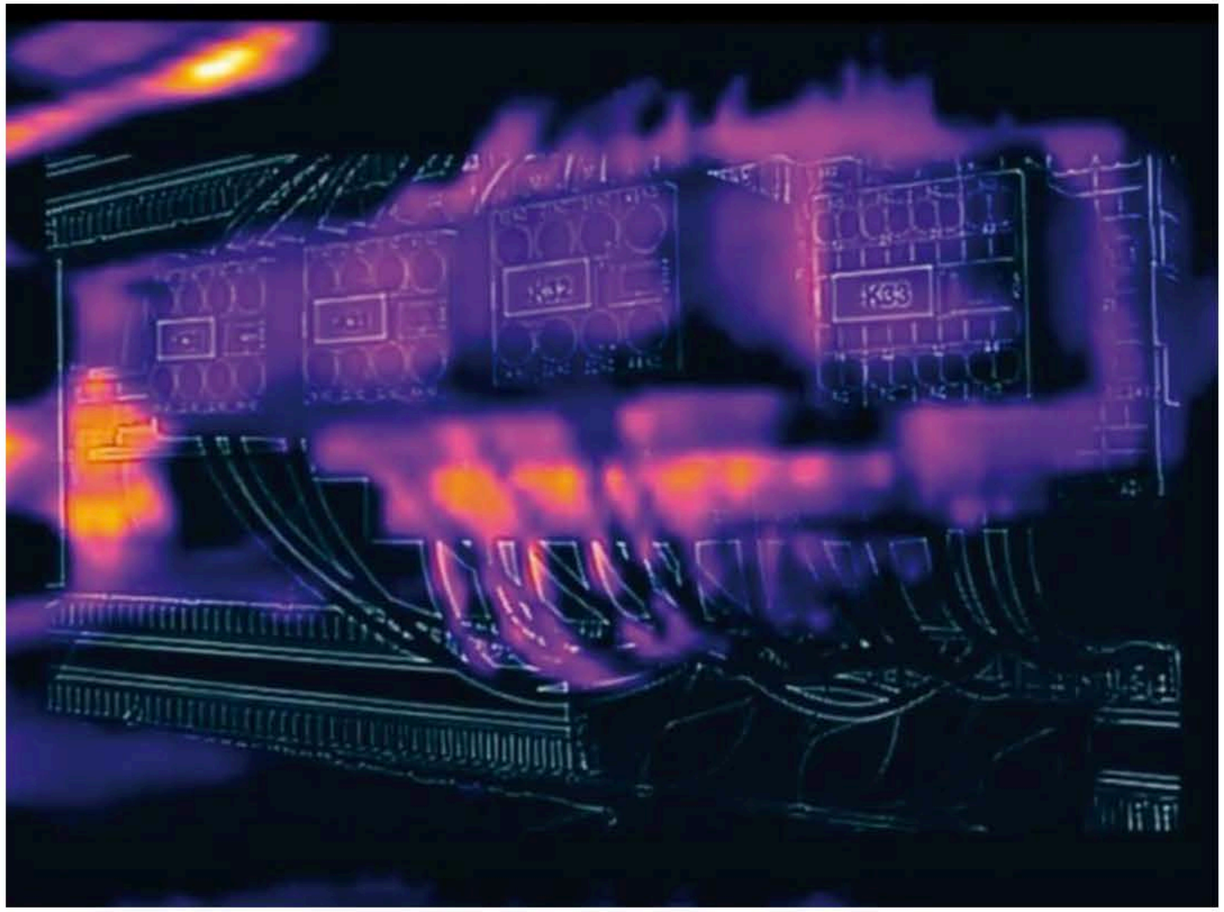


IMPROVED
Heat circulation

HOMOGENEOUS
climate inside the control cabinet

THERMODYNAMIC

FINDING SOLUTIONS



- Higher Energy efficiency
- Longer Service life
- Less Machine downtime
- Reduced Energy demand

*Air*BLOWER

Tool-free Installation

Combination with active Cooling variants

No continuous operation required!

Homogeneous climate

Cost comparison

Active cooling vs Active cooling + *Air*BLOWER

Technical Specifications

COST COMPARISON

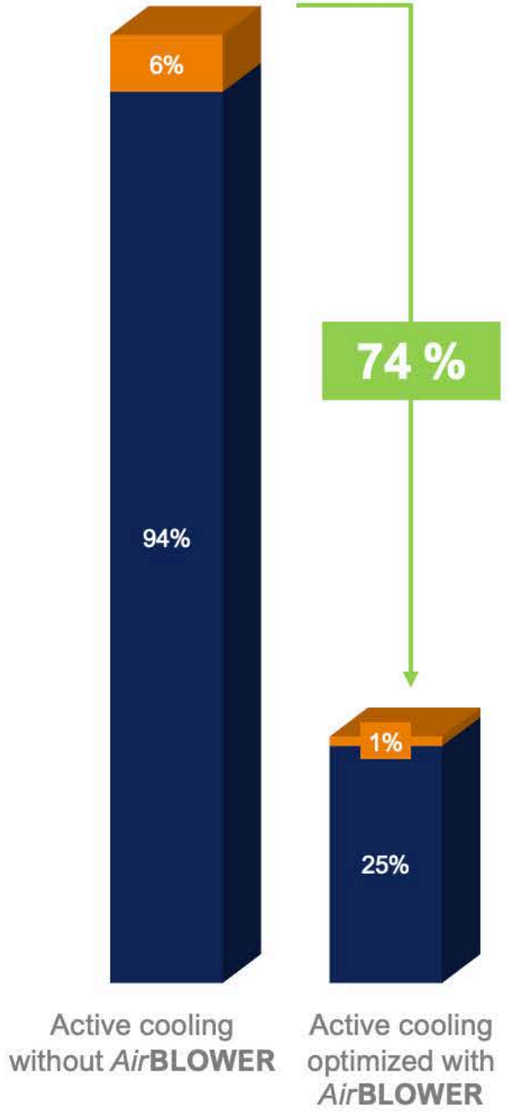
Combination *Air*BLOWER with air conditioner
Savings potential when active cooling is reduced by 5 min/h

			Active cooling		Active cooling & *Air*BLOWER
Running costs p.a.	Power consumption	1274 kWh	Power consumption	336 kWh	
	CO_2 emissions	0.51 t	CO_2 emissions	0.13 t	
	Costs	270 €	Costs	71 €	
Savings	**Saving energy**			**938 kWh**	
	CO_2 savings			**0.38 t**	
	Cost savings			**199 €**	
	Miscellaneous*				
	ROI (Return on Investment)			**2-3 years**	

CO_2 taxation: | Energy costs

Basic conditions control cabinet
- Cabinet (w x h x d): 1200 x 2000 x 600 mm
- Heat dissipation: 800 W
- Simultaneity factor: 0.8 (640 W)
- Ambient temperature: 30 °C
- Temperature inside the cabinet: 40°C
- Operating conditions: 2 shifts / 8 h / 11 months
- Air conditioner: 1.5 kW / EER 2.24 / clocked operation
- ***Air*BLOWER**: 25 W / clocked operation
- Electricity price: 0.20 €
- CO_2 taxation: 30 € per t/ CO_2

*** Further saving potential**
- Reduce maintenance costs
- Reduce the risk of system failure



ADVANTAGES

30% Space savings

23% Saving energy

Time savings

3-way WIN!

Modularity

Cost comparison