



SIGMA Air Manager 4.0 - Compressed Air Management & Control System

*Tax relief is also available on a range of HPC KAESER products including screw compressors and refrigerant dryers (details on request)



Advanced technology, ...simple maths

The **SIGMA Air Manager 4.0 (SAM 4.0)** compressed air management system monitors and controls all components within a compressed air supply system with a view to achieving maximum cost savings. As a result of its **advanced technology** and energy saving potential, investing in the **SAM 4.0** makes for **simple maths**. Qualifying for the **Energy Technology List (ETL)*** means that the **HPC KAESER SAM 4.0** is a registered product that is **eligible for 100% tax relief** under the **Enhanced Capital Allowance (ECA) scheme** for energy saving technologies designed to help reduce carbon emissions.

SAM 4.0 - Features & Functions at a glance

- ✓ Market leading **Adaptive 3-D^{advanced}** compressor control & management for maximum energy efficiency - **key technology for Industry 4.0**
- ✓ Local & remote visualisation plus an intuitive, durable and easy to use touchscreen
- ✓ Air usage data, flow & cost reporting plus on demand energy reports
- ✓ Real time alerts / messaging
- ✓ Signalling from ancillary equipment – run / fault
- ✓ Predictive maintenance & remote diagnostics providing maximum system availability and reduced servicing costs
- ✓ Integrated programmable control for individual programmable functions
- ✓ In-built security & future dynamic

“ the opportunity to invest in this excellent compressed air management system to achieve significant savings and then to be eligible for 100% tax relief* made our purchasing decision very simple. ”



Compressed Air Management System
SIGMA AIR MANAGER 4.0
Key technology for industry 4.0
www.hpccompressors.co.uk

The SAM 4.0 has the potential to be integrated and to manage non-HPC KAESER installations. Request or download a SAM 4.0 brochure for full product details and further information:
www.hpccompressors.co.uk



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Introduction to ECAs and the ETL

Enhanced Capital Allowances (ECAs) are a straightforward way for a business to improve its cash flow through accelerated tax relief. The scheme encourages businesses to invest in energy saving plant or machinery, such as the HPC KAESER SAM 4.0, specified in the Energy Technology List (ETL) to help reduce carbon emissions, which contribute to climate change. The ETL is a register of products that may be eligible for 100% tax relief under the ECA scheme for energy saving technologies. The Carbon Trust manages the list and promotes the ECA scheme on behalf of government.

Cost Savings & Tax Relief

Air compressors are used throughout industry with at least 80% of industrial applications using compressed air in one or more parts of their processes. Around 15% of compressed air systems have two or more compressors. These systems account for about 1.3% of UK industrial energy consumption and result in CO₂ emissions of around 2,096k tonnes per year.

Improving the control of multiple compressor installations by adding an energy efficient device included on the ETL, such as the SAM 4.0, can significantly improve system efficiency by over 15% in addition to the available tax relief.

“ The ECA scheme provides businesses with 100% first year tax relief on their qualifying capital expenditure. This means that businesses can write off the whole cost of the equipment against taxable profits in the year of purchase. This can provide a cash flow boost and an incentive to invest in energy saving equipment which normally carries a price premium when compared to less efficient alternatives. ”