

Optimization

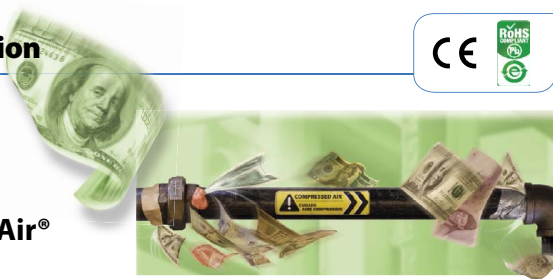
“Go Green” with Intelligent Compressed Air® Products!

It's a worldwide problem. Compressed air leaks and inefficient blowoffs can waste thousands of dollars of electricity per year, affecting your company's production costs and bottom line. For many plants, the leakage alone accounts for up to 30% of the total compressed air cost.

EXAIR can help your company “go green” with six easy to follow steps. It's as simple as finding the leaks, making the repairs, controlling the air use, and upgrading to efficient blowoffs. EXAIR's Intelligent Compressed Air® products can help you accomplish these steps so your compressed air system becomes more efficient, along with the benefit of drastically lowering your energy costs.

Six Steps To Optimizing Your Compressed Air System

- 1 Measure the air consumption to find sources that use a lot of compressed air.
- 2 Find and fix the leaks in your compressed air system.
- 3 Upgrade your blowoff, cooling and drying operations using engineered compressed air products.
- 4 Turn off the compressed air when it isn't in use.
- 5 Use intermediate storage of compressed air near the point of use.
- 6 Control the air pressure at the point of use to minimize air consumption.



EXAIR's **Digital Flowmeter™** and the new **Digital Flowmeter™ with wireless capability** accurately measure compressed air usage and monitor waste. Trends can be monitored to find excessive air use. Detect leaks at compressed air fittings when the machinery is off. Regular monitoring can detect leaks that develop as the machinery ages.

- Easy to install - No adjustments or calibrations needed
- Digital readout displays actual airflow through pipe

Page
10



EXAIR's **Ultrasonic Leak Detector** can help you identify costly leaks in your compressed air system. Leaks can account for 30% of total compressor output! In many cases, finding one small leak can quickly pay for the leak detector.

- Detects leaks up to 20' (6.1m) away
- Accurate in noisy industrial environments

Page
16



EXAIR's engineered **Super Air Knives™**, **Super Air Amplifiers™**, and **Super Air Nozzles™** dramatically reduce air consumption and noise. EXAIR's **Digital Sound Level Meter™** can identify and isolate the source of the noisy blowoffs.

- Low cost - replaces noisy blowers
- Improves blowoff performance and safety

Pages
18, 44, 50, 15



EXAIR's **EFC™** is an electronic flow control that minimizes compressed air use by turning off the compressed air when no part is present. For use on blowoff, drying, cooling, conveying and static elimination operations.

- Easy hook up; 100-240 VAC with eight function timer
- Photoelectric sensor withstands water and dust

Page
7



An EXAIR 60 gallon **Receiver Tank** can be installed at the point of high demand so there is an additional supply of compressed air available for a short duration. Meets ASME pressure vessel code.

- Eliminates fluctuations in pressure and volume
- Vertical, space saving design

Page
208



EXAIR **Pressure Regulators** permit easy selection of an operating pressure that will allow the air product to work properly without using excessive amounts of compressed air. Reducing the air pressure from 100 PSIG to 80 PSIG reduces energy use by almost 20%.

- Modular design
- Many sizes available
- Pressure gauge included

Page
202