CompAir

4 GOOD REASONS

why you should treat compressed air leaks like a dripping tap.

1 COMPRESSED AIR IS EXPENSIVE

Air is “free” but the production of compressed air is not. It requires expensive electrical energy. The production of 1 m^3 of compressed air costs on average 1.4 to 1.8 pence (assuming electricity price: 0.091 £/kWh).

2 AND THERE IT GOES ...

Up to 30% of this expensively produced compressed air is lost due to leaks – always when the compressor is running!

3 LEAKAGES COST

Even leaks with a diameter of just 3 mm will cost around £ 2,550 per year (8,000 operating hours, 6 bar, 0.091 £/kWh).

4 CO_2 EMISSIONS

The energy-intensive generation of compressed air adversely affects the CO_2 balance, even if the generated compressed air escapes unused.

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CompAir
AFTERMARKET

Leakages cost money

On average, up to 30% of compressed air generated is lost through leakages.

Leakage losses

Hole diameter in mm		Air loss at 6 bar l/s	at 12 bar l/s	Energy loss at 6 bar kWh/h	at 12 bar kWh/h	Annual cost at 6 bar £	at 12 bar £
•	1	1.1	2.0	0.4	1.1	**295.00**	**805.00**
●	3	9.7	18.0	3.5	9.7	**2,555.00**	**7,075.00**
●	5	26.9	50	9.7	27.0	**7,075.00**	**19,695.00**
●	10	107.8	200.1	38.8	108.1	**28,300.00**	**78,855.00**

Assumptions: Electricity price 0.091 £/kWh at 8,000 Bh/a

Source: Fraunhofer-ISI

Leakage management – your advantages:

- Reduce compressed air consumption by up to 30%
- Quickly reduce compressed air costs and energy consumption
- Reduce operating costs
- Optimal use of the compressor power
- Extend component life
- High system availability
- Secure processes
- Energy-efficient and environmentally conscious plant operation

You can count on us:

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