

AIR-SAVER®

Compressed air and energy saver

Principle workings of the AIR-SAVER

The AIR-SAVER G1 is a motorised ball valve that is installed in the compressed air line after the air receiver. The AIR-SAVER G1 opens and closes the air supply to the factory, based on customer specific working shifts.

A typical compressed air system has air loss through pipe work connections, leaking float type drains etc.

The AIR-SAVER G1 will open the ball valve at the beginning of a working shift and close the ball valve when the working shift is over. From that point on, all compressed air will remain in the air receiver until the next working shift, rather than being lost through leakages.

The clever and versatile programming feature allows for customer specific settings and is totally adaptable to the working hours of each individual factory.

The AIR-SAVER can be installed in all pipe line systems up to 1". Remote switching kits are available to operate the AIR-SAVER G1 from a distance.



COMMERCIAL BENEFITS

- Microprocessor controlled (7 day program feature - multiple cycles possible each day).
- Language selection feature (English, German, Spanish, French and Dutch).
- Easy to program (intuitive).
- Each individual day can be programmed according to specific working day shift requirements.
- LCD displaying the program cycle and the current time.
- External push button controls (disassembly not necessary).
- Battery life indication in the display.
- Fully automatic - no maintenance.
- Small compact design.
- Private labelling options.

TECHNICAL ADVANTAGES

- FPM seals.
- Stainless steel ball, valve is nickel plated brass.
- Slow ball valve rotation 90 degrees in 30 seconds (designed to avoid water-hammer when opening or closing).
- Extended programming features relating to valve open and close cycles (100).

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PRODUCT DIMENSIONS



Built-in quartz controlled timer with LCD display

SPECIFICATIONS

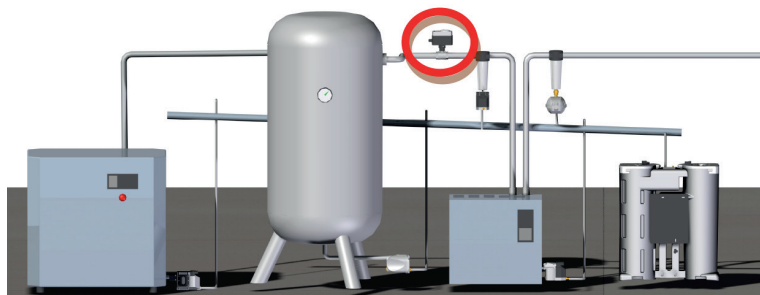
Supply voltage	230VAC or 115VAC 50/60 Hz
Power consumption	7W during cycle rotation
Opening/Closing duration	30 sec. /90°
Max. ambient temperature	50°C
Max. medium temperature	100°C
Minimum pressure	0 bar
Maximum pressure	16 bar
Valve	1" connection
Valve	Brass/nickel plated
Manual override	Yes
Remote controllable	Yes
Environmental protection	IP54
Timer display	24 hours
Programmable options	16 cycles/day, 7 days/week



Remote control option.



Should there be an electrical power failure, then the ball valve can be manually opened or closed.



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