

AIR-SAVER G1

Compressed air energy saver

PRODUCT FEATURES

A typical compressed air system has air losses through pipe works connections and leaking float type drains etc. By installing an AIR-SAVER the end user will limit air losses.

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

The AIR-SAVER is typically installed on the air outlet of the air receiver. Alternatively, it is applied in larger factories to close off certain parts of the compressed air system, where during certain parts of the day no compressed air is required. The clever and versatile programming feature allows for customer specific settings and is totally adaptable to the working hours of each individual factory. The control module offers programming simplicity and exciting display features, offering you visual information and company branding options.

The AIR-SAVER G1 can be installed in all pipeline systems up to G1. A remote switching kit is available to operate the AIR-SAVER G1 from a distance.

COMMERCIAL BENEFITS

- A potential daily saving of at least one air receiver's worth of compressed air
- Compressor, dryer and filter activities are reduced during factory closing hours
- No unnecessary compressor start-ups during periods when compressed air is not required
- Reduced maintenance requirements and lower power consumption leads to considerable savings on service and energy costs.
- Time programmed or remote controlled
- Each individual day can be programmed according to specific working day shift requirements
- Manual valve opening and closing possible, in case of a power failure
- Brass valve, nickel plated
- Consult JORC for private labelling options

TECHNICAL ADVANTAGES

- Microprocessor controlled (7 day program feature - multiple cycles possible each day)
- Extended programming features relating to valve open and close cycles (100)
- Slow valve opening (90° in 30 seconds) to avoid 'water hammer' in pipe line system
- A battery saves the installation set-up during power failure Battery life indication in the display
- Compact design - Easy to install



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DIMENSIONS



Built-in quartz-controlled timer with LCD display



Remote control option

TECHNICAL SPECIFICATIONS

Min./max. system pressure	0 - 16 bar
Min./max. medium temperature	1 - 100 °C
Min./max. ambient temperature	1 - 50 °C
Supply voltage options	115 vac or 230 vac 50/60 hz.
Power consumption	Approx. 7 w during cycle rotation
Enclosure protection rating	IP54 (NEMA13)
Valve inlet/outlet connections	1" (BSP or NPT)
Valve opening/closing duration	30 sec. (90°)
Valve housing material	Brass valve, nickel plated
Illuminated lcd display	Indicating day, time, valve status, battery life
Battery type	CR2032, 3 volt
Programmable options	Week planner, max. 100 switching points, to be distributed over 1-7 days
Manual override	Yes
Remote controllable	Yes (optional)



Manual valve opening and closing possible, in case of a power failure



Brass, nickel plated valve (stainless steel rotating ball)

JORC is NEN - EN - ISO 9001:2015 certified

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