AIR-SAVER-LS 1"

Compressed air energy saver

PRODUCT FEATURES

The AIR-SAVER-LS 1" (Light Switch) is installed in the compressed air line after the air receiver. The AIR-SAVER-LS 1" is controlled via an internal relay which is connected to an external switch and separate power supply.

A typical compressed air system has air loss through pipe work connections, leaking float type drains, etc. The AIR-SAVER-LS 1" will open the ball valve (slowly) when the relay is switched, allowing compressed air to flow from the air receiver into the compressed air line. After the working shift is over and the relay is switched off, the ball valve closes. From that point on, all compressed air will remain in the air receiver, rather than being lost through leakages.

The AIR-SAVER-LS 1" can be applied on all pipe-line systems up to 1".

A typical installation example is to connect the AIR-SAVER-LS to a light switch. By switching on the lights in the production area – the AIR-SAVER-LS will subsequently open. The saved compressed air flows into the factory compressed air line and the compressor kicks-in to produce the air needed to fill the system. At the end of the work-shift you switch off the light(s) and the AIR-SAVER-LS will close accordingly.

COMMERCIAL BENEFITS

- At least one air receiver's worth of compressed air savings per day.
- No unnecessary compressor start-up during periods when compressed air is not required.
- Compressor, dryer and filter activities are avoided during factory closing hours.
- Manual valve opening and closing possible, in case of a power failure.
- Consult JORC for private labelling options.

TECHNICAL ADVANTAGES

- Very quick and easy to connect to an external (light) switch.
- Slow ball valve rotation 90° in 30 seconds to avoid "water-hammer" when opening and closing.
- Brass valve, nickel plated.
- Compact design - Easy to install.

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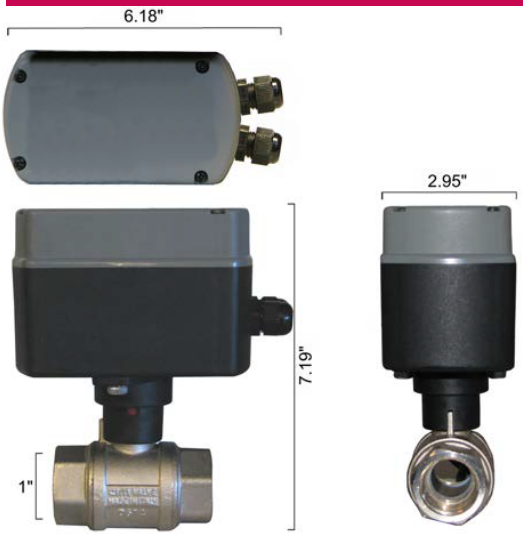
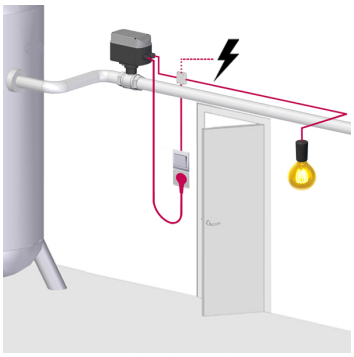
DIMENSIONS



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



A typical installation of an AIR-SAVER-LS connected to a light switch.

TECHNICAL SPECIFICATIONS

Min./Max. system pressure	0 - 230 psi
Min./Max medium temperature	34 - 210 °F
Min./Max ambient temperature	34 - 120 °F
Supply voltage options	115 VAC or 230 VAC 50/60Hz
Power consumption	Approx. 7W during cycle rotation
Enclosure protection rating	NEMA13 (IP54)
Relay switch	115VAC or 230VAC
Valve inlet/outlet connections	1" NPT
Valve opening/closing duration	30 sec. (90°)
Valve housing material	Brass valve, nickel plated
Manual override	Yes

The AIR-SAVER is also available as a time controlled option with a week programming feature. This version allows you to set the open and closed position according to customer specific demands. For more information please see the AIR-SAVER 1".

JORC is NEN - EN - ISO 9001:2015 certified

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