

Chapter 5

AIR-SAVER® G1

Compressed air energy saver

The AIR-SAVER G1 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.

PRODUCT FEATURES

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 G1 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

- 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 reduced during factory closing hours
- Possibility to shut off parts of the pipe line system where compressed air is not needed continuously
- Language selection feature (English, German, Spanish, French and Dutch)
- Each individual day can be programmed according to specific working day shift requirements
- Time programmed or remote controlled
- Manual valve opening and closing possible, in case of a power failure
- 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 ball valve rotation 90° in 30 seconds to avoid "water-hammer" when opening or closing
- Stainless steel ball, valve is nickel plated brass
- Battery saves the installation set-up during power failure
- Battery life indication in the display
- Compact design-Easy to install

PRODUCT DIMENSIONS



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

PRODUCT SPECIFICATIONS

Supply voltage	115VAC or 230VAC 50/60Hz
Power consumption	Approx. 7W during cycle rotation
Opening / closing duration	30 sec. / 90°
Ambient temperature	1 - 50° C
Medium temperature	1 - 100° C
Valve	Nickel plated brass with stainless steel ball
Connection	1" BSP or NPT
Pressure range	0 to 16 bar
Manual override	Yes
Environmental protection	IP54 (NEMA13)
Indicators	LCD indicating program and current time
Timer	display 24 hours
Battery	4 x AAA mini penlight batteries.

CE certified



Built-in quartz controlled timer with LCD display



Remote control option.



G1 Stainless steel rotation ball.

Chapter 6

AIR-SAVER® G2

Compressed air energy saver

The AIR-SAVER G2 is installed in the compressed air line after the air receiver.

The AIR-SAVER G2 opens and closes the air supply to the factory, based on customer specific working shifts.



PRODUCT FEATURES

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

The AIR-SAVER G2 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 G2 can be installed in all pipe line systems up to 2". Remote switching kits are available to operate the AIR-SAVER G2 from a distance.

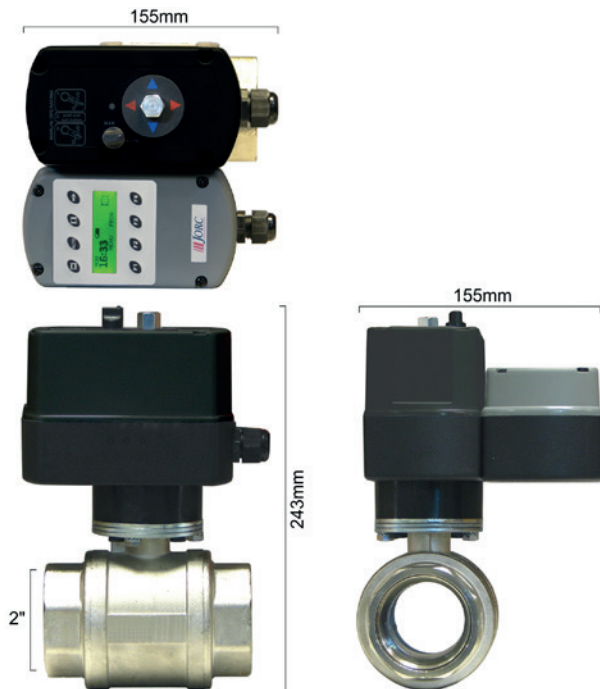
COMMERCIAL BENEFITS

- 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 reduced during factory closing hours
- Possibility to shut of parts of the pipe line system where compressed air is not needed continuously
- Language selection feature (English, German, Spanish, French and Dutch)
- Each individual day can be programmed according to specific working day shift requirements
- Time programmed or remote controlled
- Manual valve opening and closing possible, in case of a power failure
- 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 ball valve rotation 90° in 105 seconds to avoid water-hammer when opening or closing
- Stainless steel ball, valve is nickel plated brass
- Battery saves the installation set-up during power failure
- Battery life indication in the display
- Compact design-Easy to install

PRODUCT DIMENSIONS



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

PRODUCT SPECIFICATIONS

Supply voltage	115VAC or 230VAC 50/60Hz
Power consumption	7W during cycle rotation
Opening / Closing duration	105 sec. / 90°
Ambient temperature	1 - 50° C
Medium temperature	1 - 100° C
Valve	Nickel plated brass with stainless steel ball
Connection	2" BSP or NPT
Pressure range	0 to 16 bar
Manual override	Yes
Environmental protection	IP54 (NEMA13)
Indicators	LCD indicating program and current time
Timer display	24 hours
Battery	4 x AAA mini penlight batteries.

CE certified



Built-in quartz controlled timer with LCD display



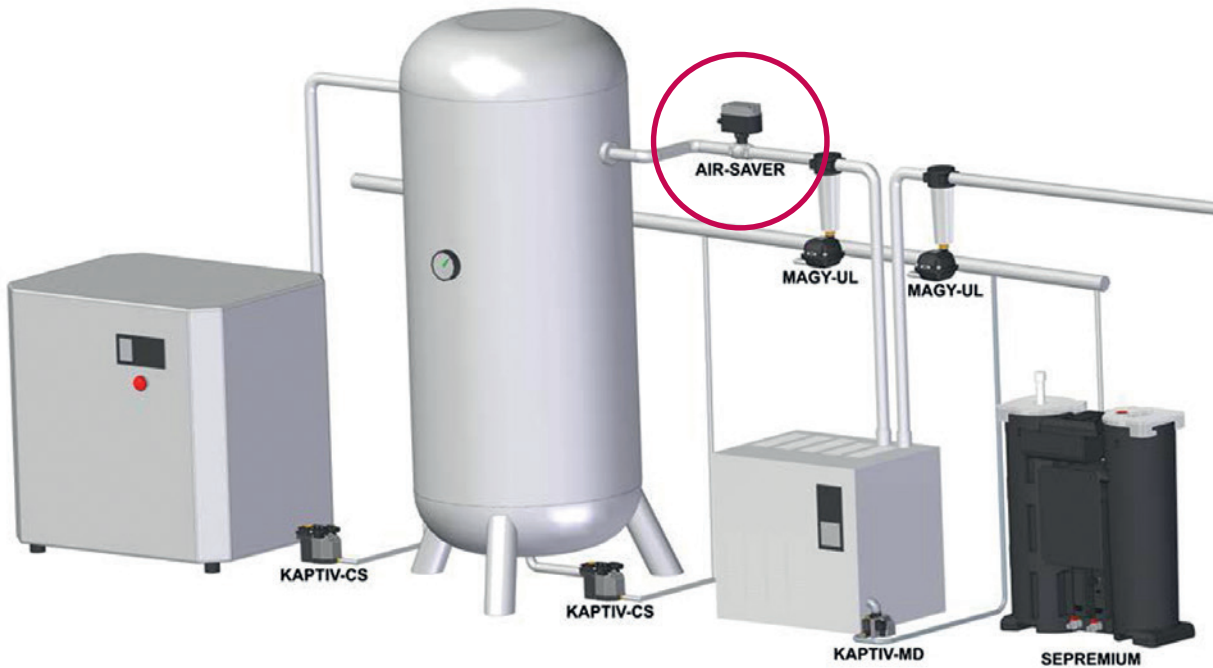
Remote control option



G2 Stainless steel rotation ball

INSTALLATION

POSITIONING



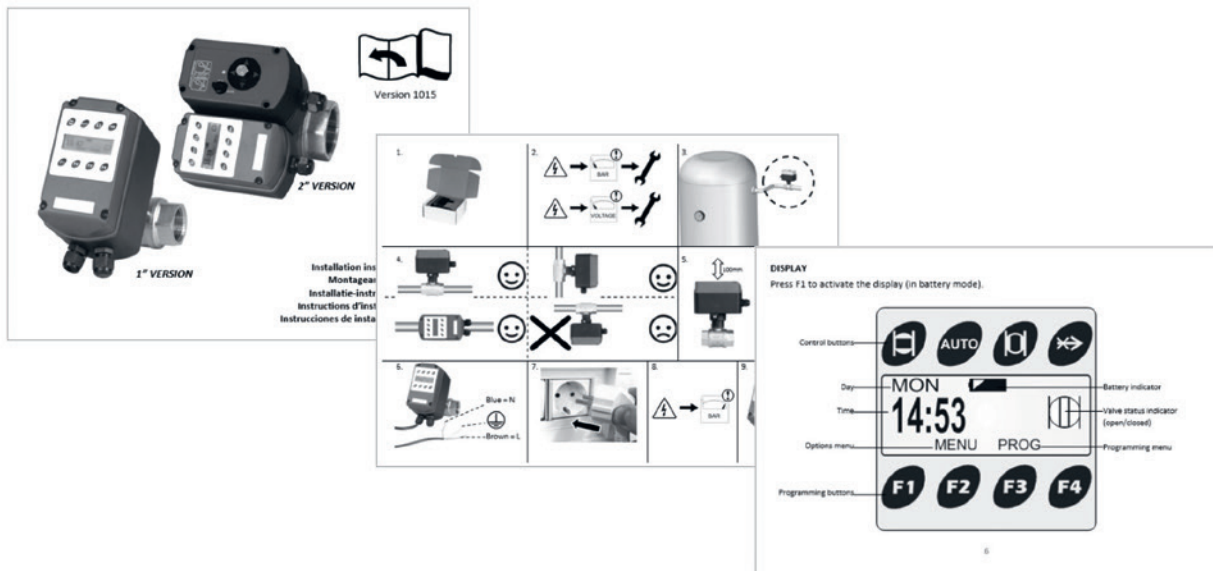
The AIR-SAVER typically gets installed after the receiver (air tank). Once closed it retains the compressed air built up in the receiver and also ensures that the compressor does not run unnecessarily during moments when it is not required (after hours, public holidays etc.).

In addition, the AIR-SAVER can be used to section off certain compressed air pipelines if not required.

INSTALLATION

Detailed instruction manuals will guide you through the simple installation procedure. Our instruction manuals are designed with many illustrations and simple text.

In addition, the JORC instruction manuals are set up in various languages.



AIR-SAVER ACCESSORIES

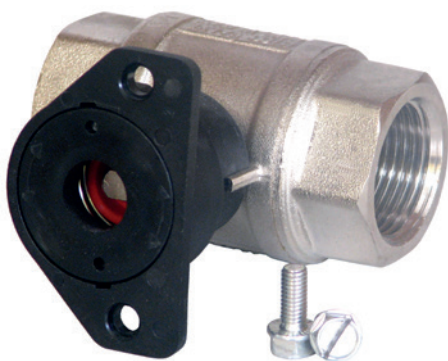
REMOTE SWITCHING KIT

The air pipe line is often positioned high up, under the ceiling. Attending to the AIR-SAVER to manually open or close the valve can be time consuming. To simplify this procedure we offer a remote switching kit with 5 meters cable.

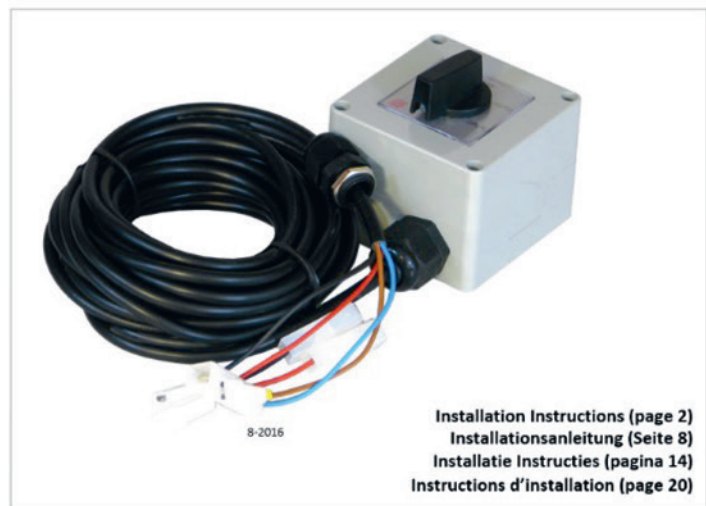
The remote switching kit allows for open/close control at eye level.

JORC can supply the AIR-SAVER pre-wired to the remote switching kit or it can be ordered as a separate item.

Connecting and installing the remote switching kit is a simple and straightforward procedure, an instruction manual is available.



Replacement valve kits are available



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