

AIR-SAVER®

Compressed air energy saver

A typical compressed air system will have air losses through pipeline connections, leaking float type drains etc.

At the end of the final daily working shift the Air-Saver® will shut off the air tank from the rest of the system. The content of compressed air within the air tank will be saved rather than lost through pipe line leakages.



The Air-Saver® is installed on the air outlet of the air tank. The Air-Saver® can be programmed to automatically OPEN just prior the working shift begins and CLOSE just after the working shift is over.

Features:

- 1" or 2" pipe size connections – 16 bar maximum pressure
- Slow valve opening to avoid water hammer in pipe line system
- Time programmed or remote controlled
- Manual valve opening and closing possible, in case of a power failure
- Fully automatic- maintenance free
- Easy to obtain air in case of overtime work
- Integral Lithium battery protecting the program
- Micro-Processor controlled (multi cycle 7 day program)
- Large LCD display showing program cycle and current time
- Compact design -Easy to install
- User friendly control panel - Simple to program
- Remote switching kit available

Benefits:

- No unnecessarily start up of compressors during periods when compressed air is not required.
- At least one air receiver's worth of compressed air savings per day.
- Possibility to shut of parts of the pipe line system where compressed air is not needed continuously.

Specifications AIR-SAVER®:

Supply voltage	230VAC or 115VAC 50/60 Hz
Power consumption	7W during cycle rotation
Opening/Closing duration 1"	30 sec. /90°
Opening/Closing duration 2"	105 sec. /90°
Max. ambient temperature	50°C
Max. medium temperature	100°C
Minimum pressure	0 bar
Maximum pressure	16 bar
Valve	1" or 2" connections
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



Common leak points:

- Quick connection fittings have o-rings to seal the hose connections. A damaged or missing o-ring will cause the connection to leak.
- FRL's (filter, regulator & lubricator)
- The welds found on pipe joints and pipe flanges can leak due to vibrations, age or improper welding.
- Float or mechanical type condensate drains are also a source of air leaks.
- Pipe thread connections, air tools and many more sources can be the cause of air leakages.
- Time programmed or remote controlled