



# AIR- Controller

## Compressed air energy saver

### Product Features

The Air Controller is installed in the compressed air line after the air receiver. The Air Controller 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 Controller 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 Controller can be installed in all pipe line systems up to G2. Remote switching kits are available to operate the Air Controller from a distance.

### 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 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





# Air Controller

Compressed air energy saver

## Dimensions



Built-in quartz controlled timer with LCD display



Remote control option

## Technical Specification

Pressure range	0 - 16 bar
Supply voltage options	115VAC or 230VAC 50/60Hz. (please indicate)
Opening/closing duration	105 sec. / 90°
Medium temperature	1 - 100 °C
Ambient temperature	1 - 50 °C
Illuminated LCD display	Indicating day, time, valve status, battery life
Programmable options	Weekplanner, max. 100 switching points, to be distributed over 1-7 days
Inlet/outlet connections	2" BSP or NPT
Valve housing material	Brass nickel plated
Serviceable valve	Yes
Manual override	Yes
Remote controllable	Yes
Environmental protection	IP54 (NEMA13)



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



Nickel plated brass with stainless steel ball

