

# Pro-Air Mizer Pressure Regulator

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Let's Talk 877-749-8548

## Control Air Pressure with Pro-Air Mizer

The purpose of compressing air is to get it into a state that is useful for production. Pro-Air Mizer helps reduce the energy consumption of your compressors.

The purpose of the Pro-Air Mizer is to control that air pressure.

### Traditional Storage and Release for

#### Industrial Air Compression

Typically compressed air goes to a header, or storage tank where it builds up pressure (capacitance) to distribute as needed. The build-up is necessary so the compressor doesn't have to work constantly. Without the extra storage, it would be impossible to keep up with demand.

When compressed air is used, the pressure drops. There may be hundreds of drops during the day, and when there's especially heavy usage it can drain the system. This causes the compressor to work harder, and often the next user won't have enough air pressure.

To combat the inconsistency and inefficiency of this system, some users cascade multiple compressors of different sizes. This allows different capacities for producing air. The hope is that by cascading, the tanks will work together, but sometimes they fight each other. While helpful in some situations, cascading is not a cure-all for the problem of inconsistent pressure.

**THE PROBLEM:** *pressure drop, inconsistent supply, excessive compressor operation*

**THE SOLUTION:** *Pro-Air Mizer air pressure regulator*

## A Better Compressed Air Technology

Proportion-Air uses familiar technology to design a pressure regulator that more efficiently controls the pressure of air from a compressor. Flow is based on demand of the system. The Pro-Air Mizer maintains header pressure at the setting commanded regardless of demands of users downstream. It will maintain header pressure within +/- 0.2% of its maximum calibrated range. This device delivers pressure downstream more consistently and maintains a higher capacitance in the pressure tank – thereby providing a more consistent buffer.

If you want 85 psi – you command the Pro-Air Mizer to push out 85 psi. This ensures that header pressure stays at 85 and the users downstream only get the amount of air they really need. By giving them only what is required to work, the storage tank stays full longer and the compressors have to work less. Also, because of this precision, the processes that use the air from the header are going to be much more repeatable.

The Pro-Air Mizer allows you to monitor pressure in the header at all times with a visual display. A signal for a remote display is also available.

## New Installation or Retro Fit

It doesn't matter whether you have new or existing equipment. Once installed, our device acts as a buffer between

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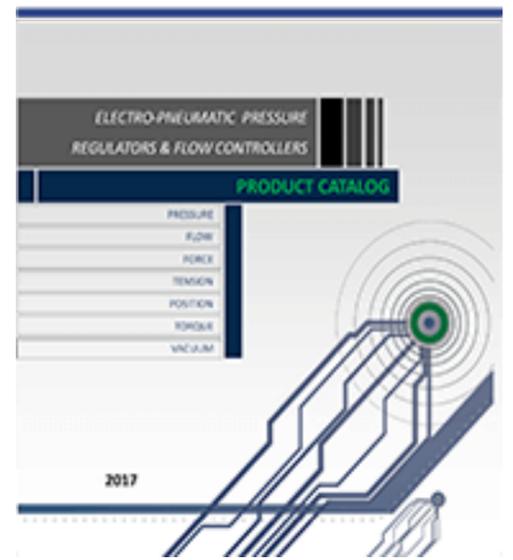
### See Our Family Brochure

the tank and the factory – only allowing enough pressure through the unit to meet factory demand.

## Download ProAir-Mizer Brochure

## Download ProAir-Mizer Control Box Information

We size our Pro-Air Mizer based on your system’s flow and pressure requirements. More custom solutions are also available. For more information, [contact us](#) today for a free consultation.



Call Us from Indianapolis : 317-689-0608

Contact Us

### Proportion-Air

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### About Proportion Air

Proportion-Air, Inc. manufactures **electronic air pressure regulators** and **air flow control valves**. Proportion-Air strives to be a leader of remarkable performance, exhibiting the qualities that define exceptional service. [google-translator]



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