

ARO Piggyback Filter/Regulators combine the functions of both a filter and regulator. Piggybacks are compact and very effective when space is a consideration. Air entering the unit first goes through the filter portion where water is removed. It then passes through a filter element to remove dirt, scale and other debris. The air then enters the regulator where it is set to the desired pressure level.

Installation:

When installing the Piggyback, make sure you have the correct air flow.

- 1.) Looking at the Piggyback, to the gauge location, air flow will be from left-to-right.
- 2.) The words "IN" and "OUT" are cast into the Piggyback body.

Pipe incoming air to the port marked "IN."

- 3.) It is common to place a ball valve at the compressor outlet before the Piggyback. Best practice is to slowly open this valve so that air pressure is gradually introduced into the Piggyback. This helps avoid stress on internal components and extends service life.



Mounting:

- 1.) When part of a two-piece combo, the Piggyback is connected to the Lubricator with a T-Bracket. The T-Bracket forms an air-tight seal and provides a method of wall or panel mounting the units.
- 2.) L-Brackets are designed to hold a single Piggyback in place. The L-Bracket is panel, or wall mounted. The adjustment knob is then inserted through the bracket and held in place using the panel nut. Panel nuts are supplied with individual Piggyback units.
- 3.) The unit can also be hard plumbed into the system. Each inlet/outlet port is threaded, allowing you to mount directly into the plant air system.



Adjust Air Pressure:

Downstream air adjustment can be accomplished by turning the adjustment knob.

- 1.) Lift the knob. Then turn it clockwise to increase air pressure, or counter-clockwise to decrease air pressure.
- 2.) When the desired pressure is reached, push down on the adjustment knob to lock it in place.

Operate Manual Drain:

The manual drain is a brass insert in a rubber boot.

- 1.) As you see water collect in the filter bowl, push sideways on the drain boot. This will expel water and debris from the bowl.
- 2.) When complete, remove pressure from the drain boot and the drain insert will reset.

