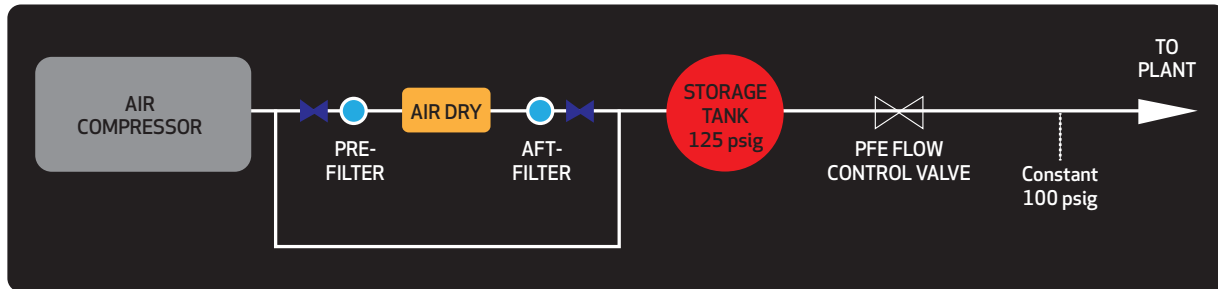




## The AA&W PFE is an intelligent 4-in-1 Pressure Controller and Air Net Charging Valve

### Air Pressure When It's Needed



Storage tank, filters and dryer must maintain design pressure for proper performance. Compressor remains “alive” ready to come on line and provide compressed air when the PFE pressure returns to P1 set point.

Atlas Air & Water’s PFE day/time clock feature with second pressure set point helps clients maximize compressed air energy conservation and compressed air clean up equipment performance.

Example:

- The facility does not operate a 2nd or 3rd shift or no weekend shift.
- Enter the times and days the plant is not in production in PFE controller.
- Enter 2nd set pressure point to 0 psig\* in PFE controller for these non-work periods.

There will not be any CFM flow/wasted compressor KW to the plant during the plant down time, non work periods.

The PFE protects clean up equipment performance by keeping filters/dryers/storage tank charged at design 100 psig (client adjustable) operating pressure at all times.

The PFE eliminates air compressor KW waste from leaks and solenoid valves etc. that are “stuck” in the on/open position by eliminating any compressed air flow (waste) to the plant.

At programmed plant production start time and date the PFE will automatically bring the plant air pressure back to the P1 operational pressure set point.

#### ATLAS AIR & WATER

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