



## COMPRESSED AIR DRYER PANEL

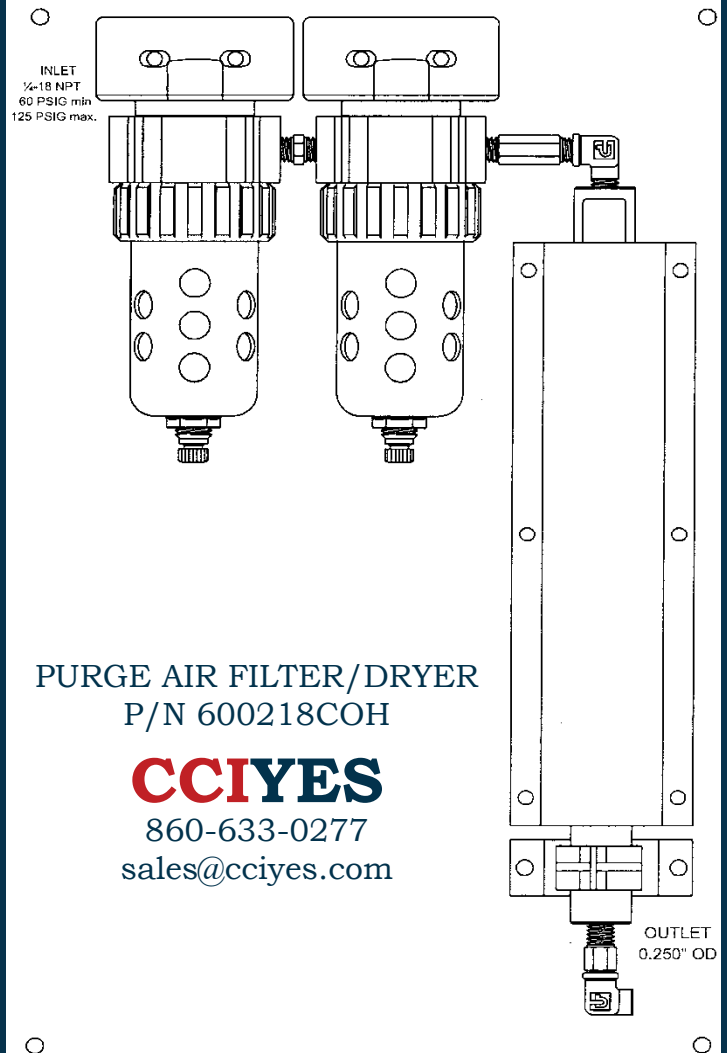
### Features, Advantages & Benefits

- Flows up to 28 SLPM
- Hollow Fiber Technology
  - ✓ Low Dew Points
  - ✓ No Electricity
  - ✓ No Refrigerants – Environmentally Friendly
  - ✓ Low Operating Cost
- Continuous operation
  - ✓ Less Down Time
- Designed for Point of Use
- Long-term Reliability
- No Moving Parts
- Quiet
- Lightweight
- Ease of Installation
- Prevents Freezing

### How it Works

The water vapor in the compressed air is removed by the principle of selective permeation through a membrane. The membrane module consists of bundles of hollow membrane fibers, each permeable to water vapor. As the compressed air passes through the center of these fibers, water vapor permeates through the walls of the fiber. A small portion of the dry air (purge flow) is redirected along the outside of each hollow fiber, carrying away the moisture-laden air which is then exhausted to room atmosphere. The remainder of the dry air is piped to the application.

### Panel



### Applications

- Air bearings
- OEM machine builders
- Pneumatic equipment
- Prevention of air line freeze ups
- Purge air for electrostatic cabinets
- Purge air for moisture sensitive coatings & adhesives
- Laboratory grade air
- Analytical instrumentation
- Dental air
- Coordinate measurement machines (CMM)
- Dry air for Hazardous area
- Electrostatic painting
- General laboratory air supply
- Laser and optical purge