

Recommended Products For Removing Water From Compressed Air

Auto Drains

Auto drains automatically open to release excess liquid on a regular schedule. Draining the tank will not remove water held as vapor in the air, but it will prevent excess liquid from building up within the tank.



RTI ED-2-4
(Electronic Timer Drain)

Water Separator Filters

Water separator filters remove large amounts of moisture from the air supply with centrifugal force. Typically, a water separator filter will remove between 40 – 60% of the water from the air. Depending on the application, this may or may not be dry enough.



RTI EX206/EX208
(Separation Filters)

Refrigerated Dryers

Refrigerated dryers chill the air, much like an air conditioning system. Colder air holds less moisture than warmer air. Air is chilled to roughly 33-40°F. As the air cools, excess water vapor condenses back into a liquid. The liquid collects in a water trap and is removed through an automatic drain valve. Compressed air that is dried by this method has a reduced dew point (the temperature at which condensation forms).



Mattei MDS Series
(Cycling Refrigerated Dryers)

Desiccant Dryers

Desiccant dryers are used for applications that require very dry compressed air. They remove water from air through a chemical process. Desiccant is a solid that reacts chemically with water to form a bond. Desiccant dryers are necessary for processes that require ultra-dry air.



RTI EH4000-4R
(Desiccant Dryer)

Contact Beacon Equipment For More Information!

