

TMR™-Air

Total Moisture Removal Systems

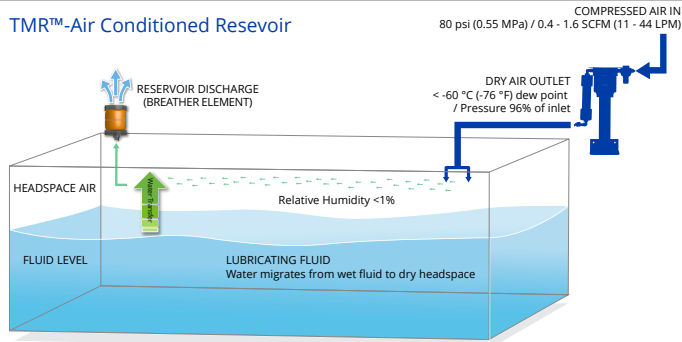
TMR™-Air systems cost effectively remove all 3 forms of water from lubricants and hydraulic fluids through mass transfer which is a highly effective, non-mechanical process. Using TMR™-Air exploits the principle of chemical equilibrium in a gentle, energy efficiency method.



hyprofiltration.com/TMR



TMR™-Air Conditioned Reservoir



Remove water: protect your systems.

With TMR™-Air, dry air is generated at the source, providing unlimited capacity to reduce existing moisture in the reservoir and oils. The water is released from the oil to the super dry air. TMR™-Air is a maintenance solution that will maintain water at very low levels (<50 ppm total or in the ideal range between 200~300 ppm for EHC fluids), reducing the rate of lubricant break-down.

Eliminate water at its source.

Free flowing dry air is exhausted out of the breather element, reversing the typical flow configuration of reservoir air and eliminating one of the key ingress points for water and particulate contamination.



Extend your fluid life.

A properly sized TMR™-Air is designed to remove up to 100 ppm of water per day under normal operating conditions to minimize oxidation and fluid breakdown and extend the useful life of your oil while protecting your critical components.

TMR™-Air Specifications

Height	24" (61 cm)
Width	14" (35 cm)
Depth	5" (13 cm)
Weight	21 lbs (10 kg)
Inlet	¼" FNPT
Outlet	¼" FNPT
Headspace Volume	< 36 ft ³ (< 1.02 m ³)
Flow Rate Manual Control with Flow Meter	0-60 SCFH (0-1680 LPH)
Preset Flow Rate	30 SCFH (840 LPH)
Air Consumption Max @ 100 psi/0.69 MPa (SCFM/LPM)	0-180 SCFH (0-5040 LPH)
Fluid Operating Temperature	30°F to 225°F (0°C to 105°C)
Materials of Construction	Frame Powder coated steel

TMR™-Air Part Number Builder

TMR-60090 -
Model Special Options

Model **4** TMR™-Air for reservoir volume ≤ 2000 gal (7,600 liter)

Special Options **M1** Manifold to share TMR™-Air with 2 reservoirs