

## Backup Air Dehydrator For Dental Operating Room

### Features

- Complete Instrumentation Package to Monitor Operation
- Low Purge Loss
- Purge Air Consumption Does Not Increase with Increasing Inlet Pressure
- No Electrical Power Needed

### General Description

The Model 7005 series air dehydrator has been selected for the LPD 17 San Antonio class. It is designed to provide up to 7 scfm of clean, dry air for use in shipboard dental operating rooms. The unit is fully automatic and operates with very little maintenance.

The Model 7005 includes a coalescing filter (removes 100% of 0.03 micron or larger diameter solids and liquid particles), a membrane dehydrator, and upstream and downstream isolation valves.

### Specifications

Built in accordance with LPD 17 Specification 6259K. Welded in accordance with S9074-AR-GIB-010/278. Fully qualified to MIL-S-901C, High Impact Shock (Grade B), and MIL-STD-167-1, Vibration (Environmental) Shipboard.

**Outlet Capacity:** 0 - 7 scfm.

**Inlet Air Conditions (defined by specification):** 80-125 psig, 50° F to 122° F, maximum dew point of 60° F at 80 psig.

**Outlet Air Conditions:** Dew point -40° F or lower at pressure. Pressure not more than 10 psig below inlet.

**Electrical Requirements:** None.

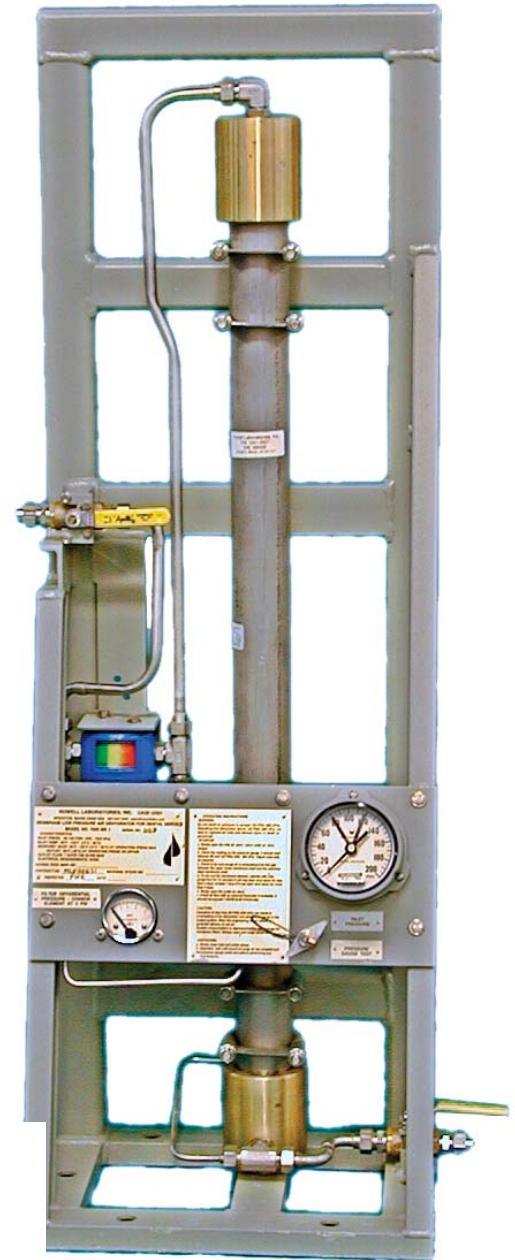
**Dimensions:** 16" W x 48" H x 12" D

**Weight:** 77 pounds

**APL:** To be determined.

**Technical Manual:** Mark I: TM7005-MI-00

**QA System:** ISO-9001



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