



THE EVAPORATOR 4300-SERIES DESICCANT DRYER

SPECIFICATIONS AND INSTRUCTIONS

The 4300-series EVAPORATOR Desiccant Dryer unit is designed to provide up to 80 scfm of clean, dry air to any compressed air line. It is especially effective in spray booths and other processes using spray equipment. The unit consists of three tanks performing three important tasks in cleaning and drying the air:

T1 – separates the majority of water from the air

T2 – removes oils from the air

T3 – further reduces air humidity to 1.5% by passing the air through desiccant media

INSTRUCTIONS

1. Install the desiccant dryer near to the point of use. For a spray booth application, the unit is best placed just outside of the booth near the port where the air line will pass into the booth. Note: The Evaporator works best if it is at least 45-feet from the compressor. This allows the air to cool. If the compressor is less than 45-feet away additional pipe can be installed to meet this 45-ft minimum.
2. Secure the dryer to the floor and/or adjacent wall.
3. Connect the air lines. Note the direction arrows and the figure below.
4. Add the desiccant media making sure that the media is above the moisture indicator.
5. Tighten all nuts and drains.
6. Monitor the moisture indicator.
7. Routinely open the three drains to remove excess water and oil.
8. Replace desiccant media as needed. Expected life is three years for daily use.

