

# ATD-1/4-XL INSTRUCTIONS

## DESICCANT AIR DRYER

Congratulations on your purchase of the ATD desiccant air dryer with replaceable cartridge.

### INSTALLATION

#### >> STEP 1

Mount bracket(a) to stud in wall. Wall mounting Screw not supplied  
**ATD Must be mounted Vertically.**



#### >> STEP 2

Install quick disconnect at the air out side (indicated on the unit), and a union at the air in side. While not required, quick connect and union allow the ATD to more easily be taken offline when replacing the desiccant cartridge.




# ATD-1/4-XL INSTRUCTIONS

## DESICCANT AIR DRYER

### MAINTENANCE

When the indicator changes color from blue to pink it is time to replace the desiccant cartridge.


**1**



Air In      Air Out

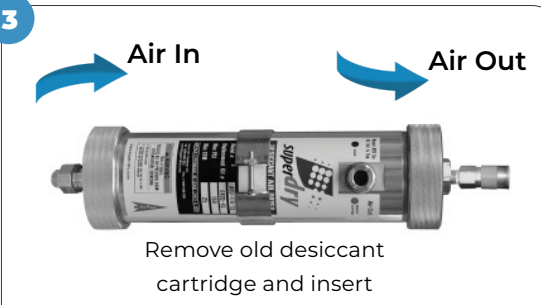
Disconnect the ATD from compressed air line.

**2**



Unscrew the top cap and remove.

**3**



Air In      Air Out

Remove old desiccant cartridge and insert

**4**



Re-install and tighten the cap.  
Connect back to air system.  
Your ATD is now ready to use.

### SPECIFICATIONS

Capacity @ 100 PSIG	25 SCFM
Air In/Out	1/4"
Length	14"
Width	4"
Weight	7 lbs.
Operating Pressure	150 PSIG
Ambient Temp Rating	200° F

Once installed, the ATD will typically operate for 8 to 12 weeks before the desiccant cartridge requires replacement. Actual operating time will vary depending upon frequency of use, air flow and humidity.

### How does the ATD work?



When air is compressed, its temperature increases as well as its capacity to hold moisture. As hot compressed air travels through hoses and pipes, it cools creating condensation. Filters and traps remove only the heaviest water condensation.

Only a desiccant air dryer such as the ATD can remove water vapor and because the ATD is point-of-use, water vapor is purged immediately prior to the compressed air entering a paint system or pneumatic tool. The result, virtual elimination of paint imperfections and significantly extending the life of costly air tools.