

Camair

Installation and Operating Instructions TS10 & TS10-P Point Of Use Desiccant Air Dryers

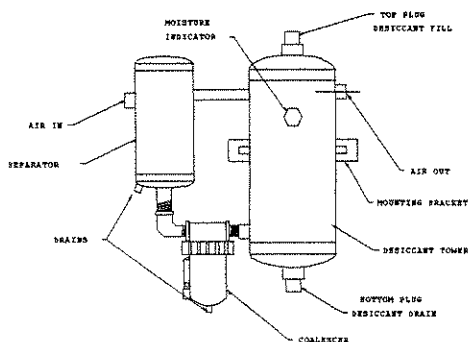
Congratulations on your purchase of the finest point of use desiccant air dryer available. With proper installation and maintenance it will give you many years of trouble free operation. **The Camair TS10 & TS10-P Desiccant air dryers are intended for point of use (EX: paint spray gun or plasma cutter) and are not to be used to dry your whole shop. Use of this air dryer as a whole shop dryer will result in short desiccant life.**

INSTALLATION

- 1) Choose a location in your existing air piping as close to the point of use and as far from your compressor as possible. **The air entering the Camair TS series dryer must not be above 100 degrees F.** You can check this by putting your hand on the air pipe where you intend to install the Camair dryer, if the pipe is not uncomfortably hot the temperature is satisfactory. **Do not install the CAMAIR TS air dryer inside your paint spray booth**
- 2) With your air compressor shut off and locked out in accordance with OSHA regulations, and your compressed air system depressurized, cut into the air pipe and prepare the ends of the pipe for installation of the TS desiccant air dryer. The installation of a manual bypass is suggested but not required.
3. Bolt the TS dryer firmly to the wall using the back brackets on the TS unit. Do not depend on the pipe to support the unit. (Note: if you have a TS10-P you must first take it off the stand before you mount it.)
4. If you have a pressure regulator at the same station as the TS dryer it must be mounted after the dryer.
5. Complete the piping of the TS dryer and you are ready to enjoy water free, moisture free and oil free compressed air at your point of use.

OPERATION

Your Camair TS dryer is completely automatic and requires only periodic draining of the water separator and coalescer. Open the two valves marked drain at least twice a day to drain off collected water. If you drain off more than a cup of water at a time, open these drains more often.



CAMAIR TS-10 DRYER

MAINTENANCE

Your Camair TS series desiccant air dryers are designed to give you up to 4 months of use under normal conditions before any maintenance is required. When the built in moisture indicator turns from green to white it is time to replace the desiccant. **USE ONLY CAMAIR REPLACEMENT DESICCANT** available through your jobber or where you purchased your unit. Use of any other desiccant will result in unsatisfactory performance of your TS10 dryer.

DESICCANT REPLACEMENT

1. You will know its time to replace the desiccant when the built in moisture indicator changes color from green to white. (Green means you have dry compressed air white means you don't)
2. Shut off the air compressor, lock it out in accordance with OSHA regulations and depressurize the compressed air line serving the dryer.
3. Remove the top and bottom plugs (see drawing on page 1) from desiccant tank. Allow the used desiccant to drain from the unit into any suitable container.
4. Inspect the desiccant for signs of oil contamination. (The desiccant will have a yellow or brown tint to it if contaminated) If the desiccant is contaminated with oil replace the oil coalescer element.
5. Reinstall the bottom plug on the desiccant tank, pour in the Camair desiccant, then reinstall the top plug on the desiccant tank. You are now ready to place the Camair TS10 dryer back into operation.
6. The built in moisture indicator should turn back to green within 45 minutes. If it does not this means liquid water has got on the indicator and washed away the litmus solution that allows the indicator to change color, if this happens you need to replace the moisture indicator with a new one.

COALESCER ELEMENT REPLACEMENT

1. You should change your coalescer element every other time you change your desiccant, or when the coalescer element shows oil stains on the outside, it is necessary to faithfully replace this element to keep your Camair unit functioning at peak efficiency.
2. With your air compressor shut off and locked out in accordance with OSHA regulations, and the compressed air line serving the TS10 depressurized, unscrew the coalescer housing, the housing will come off leaving the coalescer element and an end cap attached to the element visible. Unscrew the end cap and take out the old element, put in the new element and replace the housing.

REPLACEMENT PART NUMBERS

PART	PART NUMBER	QUANTITY REQUIRED
Camair Desiccant	080-003	1
Coalescer element	080-008	1
Moisture indicator	080-001	1

WARRANTY

The Camair TS series air dryers are warranted by the manufacturer, Camair Inc., Buffalo NY to be free of defects for a period of one (1) year from the date of purchase. This warranty covers the water separator, desiccant tank and the coalescer housing. It does not cover desiccant, moisture indicator, coalescer element.



IMPORTANT
Change Coalescer Element
Every 6 Months
Order Viking Air

DRAIN