## SERVICE MANUAL

## DAD-1 (19-0831) PREMIUM DESICCANT FOR DEVILBISS DAD-500 AND SHARPE 6760 AIR DRYING SYSTEMS

## 🛦 WARNING

Risk of Injury. Pressurized components. Relieve pressure before servicing. Risk of slipping. Sweep up spills immediately.

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Avoid prolonged breathing of dust or contact with skin. NOTE

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Refer to the Service Bulletin for your system. The Material Safety Data sheet MSDS-1 is available on request.

## **DEVILBISS DAD-500 INSTRUCTIONS**

#### FILLING NEW DESICCANT TANK

See Step 3 and Steps 8 to 11 below.

#### **REPLACEMENT OF USED DESICCANT**

Replace desiccant when sight glass indicator changes to pink or white. A non-adhesive sealant (PTFE pipe tape) is recommended on all pipe threads.

- 1. Relieve air pressure from the desiccant tank.
- 2. Place a container under desiccant tank. Remove bottom drain plug.
- 3. Remove top fill plug.

## NOTE

Tank contains internal filters at inlet and outlet. Be careful not to damage these filters when changing desiccant.

- 4. With container still under tank, using a duster gun, blow out remaining desiccant.
- 5. Check internal filters and replace if damaged.
- 6. Remove sight glass using a socket or box wrench and replace indicator paper. Install sight glass.
- 7. Install bottom plug.
- 8. With small end of desiccant funnel bag pointed upwards, cut between the two lines.
- 9. Pour desiccant into top fill opening.

# NOTE

Any small desiccant particles will adhere to the inside of the special bag. Do not pour any fine particles into tank.

- 10. Repeat with second bag. **Tank must be completely filled.** Use your gloved finger to gently push desiccant to the side to fill completely. Extra desiccant is provided. A small amount will be remaining in the bag.
- 11. Install top plug. The sight glass indicator should change to blue within 30 minutes.
- 12. The used desiccant can be disposed of according to local regulations for non-hazardous chemical disposal.

## **SHARPE 6760 INSTRUCTIONS**

#### **REPLACEMENT OF USED DESICCANT**

Replace desiccant when sight glass indicator changes to pink or white. A non-adhesive sealant (PTFE pipe tape) is recommended on all pipe threads.



## The DAD-1 contains enough desiccant for TWO Sharpe refills.

- 1. Relieve air pressure from the desiccant tank.
- 2. Remove Stage 3 retaining ring and pour out desiccant.
- 3. Remove sight glass and insert indicator paper. Install sight glass.
- 4. With small end of desiccant funnel bag pointed upwards, cut between the two lines.
- Pour one bag of desiccant into Stage 3 housing. After filling, it is normal for a 2" to 3" space to remain above the desiccant.

# NOTE

Any small desiccant particles will adhere to the inside of the special bag. Do not pour any fine particles into tank.

- 6. Reinstall filled Stage 3 housing. Tighten ring securely.
- 7. The sight glass indicator should change to blue within 30 minutes.
- 8. The used desiccant can be disposed of according to local regulations.



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