

## DRS24C Series Mass Flow Controller Replacement

## Section 4.0

Replacing your mass flow controller





## **BEFORE YOU START:**

Read instructions thoroughly before beginning.



## ELECTRICAL WARNING:

POWER DOWN DRS24 AND DISCONNECT FROM POWER SOURCE.

CHECKLIST:

The following items will be needed in this section.

- M4 Allen wrench
- 3/32" Allen wrench
- 1/8" Allen wrench
- 8" Adjustable crescent wrench
- Slotted screw driver
- Needle nose pliers
- Mass flow controller part no. 9001.14.007

For technical problems, please contact the Air-Vac technical service department at: **Air-Vac Engineering Company, Inc.** 30 Progress Avenue • Seymour, CT 06483 Phone: 203-888-9900 • Fax: 203-888-1145 e-mail: solder.tech@air-vac-eng.com • www.air-vac-eng.com • 03/26/01









12 On the mass flow controller (R), (fig.6), disconnect main wire harness (S), nozzle air hose (T) and the 2 air inputs (U) and (V).

NOTE The black air hose from the nitrogen regulators go to the fitting marked "R" on the nitrogen/air valve (W).

- 13 Remove two (2) 3/32" allen head screws (Q) that hold the mass flow controller to the panel (R) and remove.
- 14 Reverse these steps to re-install the new mass flow controller.



After installation of the mass flow controller is complete, you will need run the system software profile "Nozzle Flow Sensor Only" to calibrate the nozzle flow and complete the installation.

