



CAUTION:

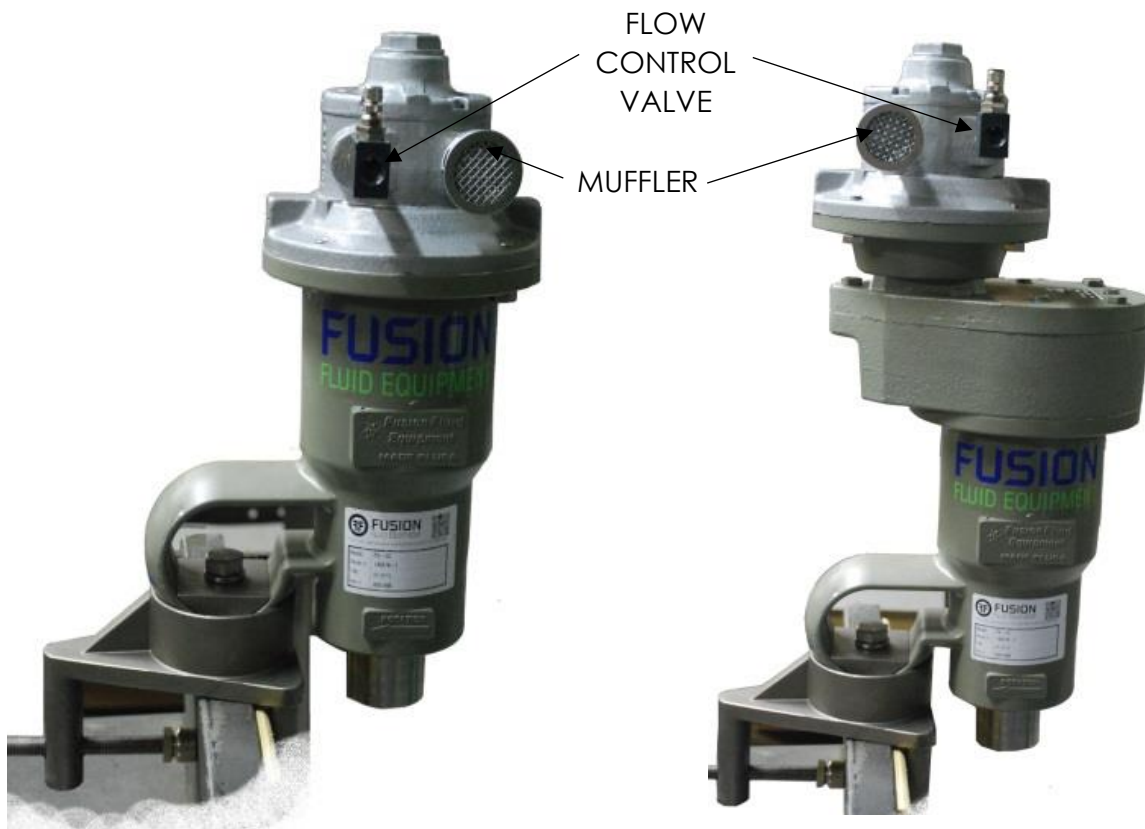
- **ALWAYS SHUT OFF AND LOCK OUT AIR SUPPLY, RELEASE ANY AIR PRESSURE STORED IN HOSE AND DISCONNECT FROM AIR SUPPLY BEFORE SERVICING MIXER. FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN DEATH, PERSONAL INJURY OR PROPERTY DAMAGE.**
- **ALWAYS MAKE SURE THERE ARE NO DAMAGED OR LOOSE HOSES OR FITTINGS.**
- **DO NOT EXCEED MAXIMUM AIR PRESSURE.**
- **FOR INSTALLATION IN A HAZARDOUS ENVIRONMENT PLEASE REFER TO SPECIFIC AIR MOTOR MANUAL GUIDELINES. MAKE SURE TO FOLLOW ANY APPLICABLE LOCAL OR INTERNATIONAL CODES.**

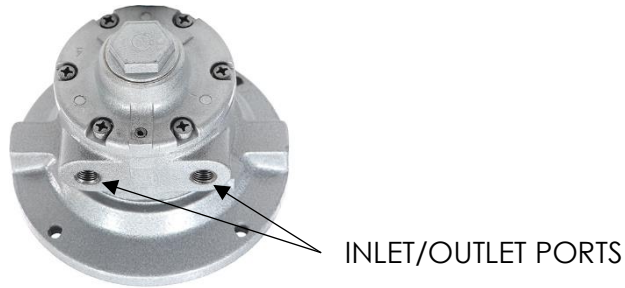
Installation

Installation and maintenance of the air motor and support systems should be performed by authorized personnel only. Installation should follow all applicable local and international codes. If an air motor needs to be installed, refer to Drive Coupling Installation manual section.

Confirm motor & mixer shaft rotation

Make sure your mixer shaft rotation matches the rotation arrow label  on your mixer and the rotation direction called out on the approval drawing. The mixer may have the flow control valve and muffler installed in the inlet/outlet ports in the air motor as shown below. These can be reversed to change the rotation direction.

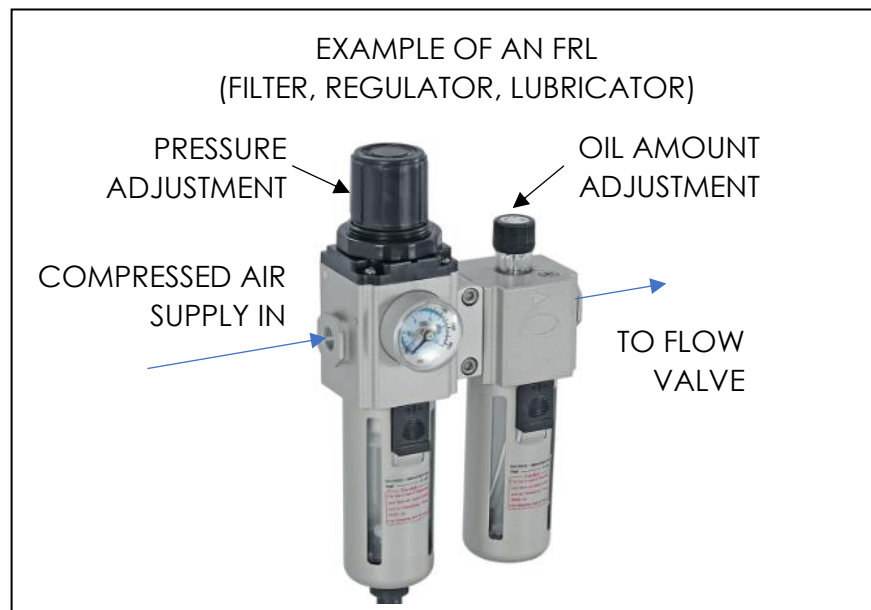




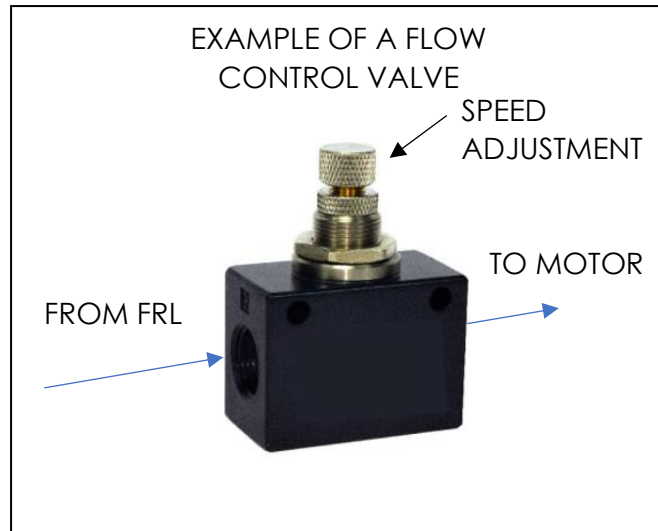
Air quality requirements

Fusion provides two types of air motors – lubricated and non-lubricated. For lubricated models use a separate air filter, regulator and lubricator (FRL) as described below. For a non-lubricated air motor, a lubricator is recommended as described below.

- Use clean and dry compressed air with a maximum dew point of +10°C (50°F). Make sure that the hose and couplings are clean and free from dust before making any connections.
- Use a separate air filter, regulator and lubricator (FRL). For a non-lubricated air motor, a lubricator is recommended as it will improve performance and increase the life of the motor. Typically, 1-2 drops of oil per minute is recommended.



- Installation of a flow control valve is needed to control motor speed and torque.



- The table below shows air requirements for your mixer's horsepower. Confirm air requirements against approval package & motor manufacturer data.

TYPICAL AIR CONSUMPTION	
1 HP	40 CFM @ 80 PSI
2 HP	60 CFM @ 70 PSI
3 HP	90 CFM @ 70 PSI