

# Is Your Air Drive FRL Protected?

Read This...For Full  
Warranty Protection

## Benefits of using Filter-Regulator-Lubricators for Air Operated Equipment

Extends motor life, reduces maintenance by removing moisture, airborne contaminants, regulating proper air pressure emitting a lubricating oil fog for a longer motor life and warranty compliance.

Part Code:	Hp Range	DRUM-MATES® Air Drives	Connection	Wt.
DM-55FRL	3/4 – 2.0 Hp	DM-45, 55, 200 & 400 Series	1/4" - 3/8" NPT	5.0 lbs.
DM-600FRL	2.0 – 6.0 Hp	For DM-600 Series IBC Series	1/2" NPT	6.0 lbs.



## Understanding Compressed Air

### For Best Air Drive Performance

Filters, regulators, lubricators with proper installation and maintenance help ensure smooth air drive operation, lower motor maintenance and better longevity of the air drives you use with your compressed air systems.

The key to smooth operation of compressed air systems is to set up scheduled maintenance checks to avoid unplanned downtime problems in the future. Unscheduled downtime is usually more costly and harder to handle than scheduled maintenance.

If problems develop, solve them with careful review of symptoms and appropriate remedial action to maintain a more efficient, cost-effective operation of your pneumatic system.

### Filtering For Clean, De-watered Air

When the filter is installed just before the compressed air reaches your motor, it removes the most contaminants and a higher level of the moisture from the air.

### Safe, Regulated Operating Pressure

Regulators are used to adjust pressure to a specified operating level. If the maximum permitted level of air pressure is exceeded it could cause excessive heat, wear and void the motor warranty.

The regulator conserves air and reduces wear and tear on air drive components. It is also essential that the regulator is installed after the filter to keep out contaminants.

### Lubricating Reduces Motor Wear

The lubricator sends an atomized oil fog downstream into the air motor. The air motor receives this fine oil mist and circulates it throughout the drive to ensure all components are thoroughly and properly, but not excessively, lubricated.

Lubricators should never be installed in front of the regulator because the lubricant can build up in regulator passageways. Hence "FRL" also refers to the mounting sequence....filter-regulator-lubricator.

## Warranty Protection Notice

Without proper compressed air treatment your air motor could fail from moisture invasion and eventual rust; become fouled or clogged by contaminating particulates; stressed from over-pressurization or fail from other unknown causes. It may seize and shut down your operation. Without FRL protection you might forfeit your air motor warranty. Specify installing an FRL.

**IMPORTANT:** Consult with your nearest compressed air systems engineer for correct filter-regulator-lubricator volume sizing, installation, calibration, operation and maintenance details.