Introduction

Follo these instructions hen installing, operating, or servicing the product.

Application Limits

These products are intended for use in general purpose compressed air s stems onl .

Operating Inlet Pressure:

	kPa	PSIG	bar
ith Pol carbonate Bo l	1000	150	10.3
ith Metal Bo l	1700	250	17.0

NOTE: The ma imum recommended pressure drop for a particulate ˛ lter is 70 kPa (10 psig, 0.7 bar)

Ambient Temperature Range:

ith Pol carbonate Bo l	0 C to 52 C (32 F to 125 F)
ith Metal Bo l	0 C to 80 C (32 F to 175 F)

Symbols

Mist Lubricators (Figure 1)

Description

These mist lubricators are designed to deliver an atomi ed oil mist to

Particulate Filter (Figure 2)

Description

These air line ˛lters are heav -dut units used to remove airborne impurities from air suppl lines b means of centrifugal force and ˛lter element. Units are equipped ith vane-t pe de˛ectors and drain valves. De˛ector plate creates s irling action to the air stream assuring entrainments separation at all ˛o rates. Filter element ith e tra large surface assures ˛ne ˛ltration ith lo pressure drop. Turn manual drain clock ise to opeh and counterclock ise to close.

Installation of Filter

1. Filter should be installed ith reasonable accessibilit for service henever possible - repair service kits are available. Keep pipe and tubing lengths to a minimum ith inside clean and free of dirt and chips. Pipe joint compounds should be used sparingl and applied onl to the male pipe - never into the female port. Do not use PTFE tape to seal pipe joints - pieces have a tendenc to break off and lodge inside the unit, possibl causing malfunction.
2. Install unit so that air˛o is in the direction of arro . Installation must be upstream of and close to devices it is to service (valve, c linder, tool, etc.). Position unit verticall ith the bo l drain mechanism at the bottom. Free moisture ill thus drain into the sump (˛ quiet one) at the bottom of the bo l.

Operation of the Filter

1. Both free moisture and solids are removed automaticall b the ˛lter.
2. Manual drain ˛lters must be drained regularl before the separated moisture and oil reaches the bottom of the element holder. Automatic drain models (pulse drain) ill collect and dump liquids automaticall . The are actuated hen a pressure drop occurs ithin the ˛lter.
3. The ˛lter element should be removed and replaced hen the