

ENGLISH

INTRODUCTION

These instructions are provided to guide the operator in the safe and correct use of the product, and must be stored in a clearly indicated place nearby for easy and rapid consultation. Please read these instructions before use.

INSTRUCTIONS FOR USE

F - R - L	PURPOSE
FILTER	To filter the AIR through the filtration element prior to sending it to use.
REGULATOR	To reduce the pressure of the AIR as specified in the adjustment range.
LUBRICATOR	To lubricate the inlet AIR as specified in the adjustment range.

GENERAL RULES FOR INSTALLATION, USE AND MAINTENANCE

The system should be installed as near as possible to the exit point, and the Filter – Regulator – Lubricator sequence must be respected in the case of combinations.

NOTE: MAKE SURE THAT THE AIR FLOW TAKES PLACE AS SHOWN BY THE ARROWS FOR BOTH SINGLE ELEMENTS AND COMBINATIONS OF ELEMENTS INSTALLED.

TECHNICAL DATA:

MAXIMUM INLET AIR PRESSURE	MAXIMUM TEMPERATURE	FILTRATION ELEMENT	REGULATOR ADJUSTMENT RANGE	LUBRICATOR ADJUSTMENT RANGE
12 bar (¼" series) 16 bar (½" series)	60°C (at maximum pressure)	10 micron	0-10 bar (¼" series) 0-12 bar (½" series)	1 drop every 300 - 600 l/min

USE: Fill the lubricator with oil either directly by unscrewing the oil cup or through the opening in the plug (55) positioned above the body prior to pressurizing the system. Use ISO grade oils. Adjust pressure by working with the upper knob (1) of the regulator and proceeding as follows: raise the knob upward in the order to permit rotation; rotate the knob clockwise in order to increase pressure, counter-clockwise in order to decrease pressure. The regulator is equipped with front and rear outlets for the gauge.

NOTE: Close the outlets not being used with the threaded plug (61). After the pressure desired has been obtained, lock the knob in the place by moving it down.

NOTE: the desired pressure is reached by giving a final rotation in the clockwise direction. There is a cock (36) for condensate discharge in the lower part of the filter cup. When the push-button is in the central free position (pos. 1), the cock is in the semi-automatic position, with closing during the presence of pressure and condensate discharge during the absence of pressure: condensate discharge is performed by pressing the push-button (pos. 2) in the presence of pressure. When the push-button has been rotated in the counter-clockwise direction (pos. 3), the manual closing of the cock is achieved (the condensate must be discharged regularly). Proceed as follows in order to close the quantity of the oil to be sprayed by using the knob (50) which acts on the adjustment pin positioned on the lubricator: rotate it clockwise to decrease the quantity of oil; counter-clockwise to increase the quantity of the oil.

WARNINGS: The maximum inlet pressure must not exceed the value listed in the technical data.

Never expose the FRL system to sources of heat higher than 60°C.

Avoid installing the FRL system in positions subject to shock, vibration, or other types of stress.

Avoid installing the FRL system wherever there are strong concentrations of alcohol or solvents.

Use only soap and water to clean the cups.

Do not use: detergent oils, broke circuit oils, or solvents in general.

Regularly discharge the condensate that forms in the filter cup.

NOTE: never unscrew the cups or other parts without first depressurizing the system.

WARNING! KEEP OUT OF REACH OF CHILDREN.

IMPORTANT! Incorrect use can damage the product. The operator must therefore scrupulously observe the contents of this instructions booklet. The Manufacturer declines all responsibility for the incorrect use of the system.

CAUTION: You are advised to use ISO grade air tool oils.

The use of other oil can permanently damage the product if they do not comply with the required characteristics for lubricators.