

Airmatic

OPTIMA - 200- REGULATOR

MODEL : R201 (Relieving)
R201A (Non-Relieving)

TEMPERATURE AND PRESSURE RATING

SIZES	MAX. PRESSURE	MAX. TEMP
G1/8 / G1/4	12 Kg/cm ²	70° C

INSTALLATION, OPERATING AND MAINTENANCE INSTRUCTIONS

INSTALLATION

Before Installing, blow-out pipe line to remove scale and other foreign matter. This unit has DRY SEAL pipe threads; use pipe compound or type sparingly to male threads only. Install regulator in pipe line so that flow is in direction of arrow stamped on body, install as near as possible to equipment serviced.

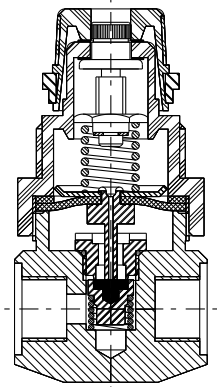
REDUCED PRESSURE ADJUSTMENT

To adjust reduced pressure settings, pull the red lock-ring upwards to unlock knob then turn knob clockwise to increase pressure setting and counter clockwise to lower pressure setting. With relieving-type regulators, which are used for air service, the reduced pressure follows adjustment of the screw, with non-relieving regulators adjustment for lower reduced pressure will not be obtained until the reduced pressure system is "bleed off" or until flow starts.

MAINTENANCE-CLEANING

To clean it is not necessary to remove regulator from line. Refer to drawing as guide in reassembly. If the air supply is kept clean, the regulator should provide long periods of uninterrupted service. Erratic regulator operation or loss of regulation is mostly always due to dirt in the disc area. To clean, shut off and depressurize air line and disassemble the regulator. Refer to drawing as a guide to disassemble and subsequent reassembly. Clean parts with household soap water and blow out body with compressed air.

When reassembling, make sure the disc is firmly in place and insert diaphragm assy in to center hole of seat. Make sure the PTFE backup ring must be kept between diaphragm and bonnet, tighten bonnet slightly more than hand tight (to 45 inch pounds torque).



CONSISTS OF PART NAME	KIT NAME	KIT No.
Adj. Knob	Bonnet Assy. Kit	MRC-06
PTFE Washer		
Adj. Knob Lock Ring		
Adj. Screw		
Adj. Tensioner Nut		
Circlip		
Bonnet	Service Kit	* Relieving
PTFE Backup Ring		MR-OR
Diaphragm Assembly		Non-Relieving
Seat with Rubber		MR-ONR
Seat Retainer	Diaphragm Assy. Kit	* Relieving
Seat Retainer 'O' Ring		Non-Relieving
		MRC-07R
		MRC-07NR
* STANDARD		

AIR PROCESSING PRODUCTS

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MINI REGULATORS (OMI)