

## REGULATOR INSTRUCTION SHEET SERIES R390

Standard Units: Relieving  
Maximum Supply Pressure: 250 PSI  
Operating Temperature Range: 40° F to 120° F

**WARNING:** For compressed air service only. Not to be used on life support systems.  
**INSTALLATION**

Install regulators so the airflow is in the direction of the arrow as indicated on the head of unit. Regulators should be installed downstream from filters and upstream from lubricators, but as close as possible to the pneumatic tools or appliances being serviced. The regulator will accurately control secondary pressure between 5 and 200 PSI (see optional spring kits), maximum primary pressure is 250 PSI. The self-bleed feature permits use on dead-end applications.

**WARNING:** Units are die cast aluminum, do not over torque when installing regulator or gauge. Use of Teflon tape is not recommended.

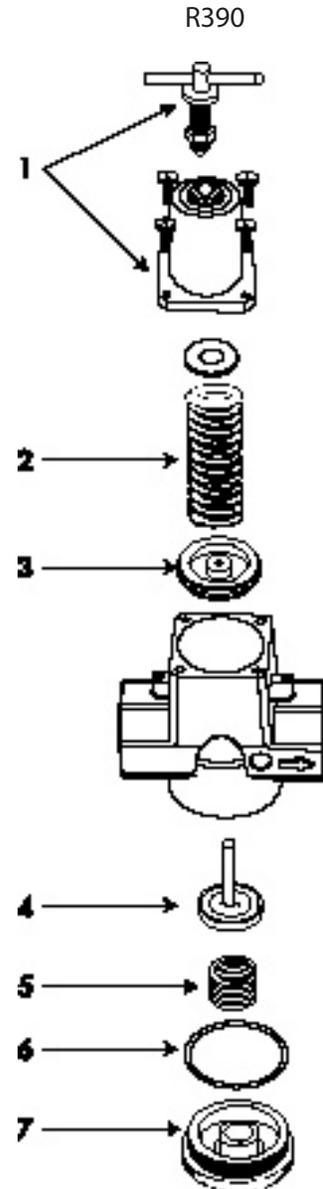
### OPERATION ADJUSTMENTS

After the regulator is installed, back off pressure by adjusting T-handle counter-clockwise before the air is turned on. Turn on air supply and adjust T-handle clockwise until the pressure gauge shows desired pressure. To lock the T-handle, tighten lock nut on adjustment screw.

### MAINTENANCE

On detection of air leaks, pressure fluctuation, or "creep", depressurize system and remove bottom cap. Inspect valve seat for damage or wear. Inspect seat in head casting for foreign material or damage. Clean with naphtha or kerosene and blow out with air. Replace any damaged parts.

If leaks persist, remove spring cage, inspect piston and piston seat for wear or foreign materials.



ID#	DESCRIPTION	KIT NO.	CONTENTS
		R390	
4, 5, 6	Valve Kit	VK39	Valve Assembly, Valve Spring, O-ring
3	Piston	DK39	Relieving Piston Assembly (STD)
2	Spring Kit	SK39	Spring, 0-125 PSI Range (STD)
		SK39L	Spring, 0-60 PSI Range
		SK39H	Spring, 0-200 PSI Range
1	Spring Cage Kit	SC39	T-Handle Adjusting Screw Assy.,