

### DESCRIPTION

RCC-1513 and 1514 main valve capacity averaging relays are proportional devices designed to average two signals in pneumatic control circuits. They are used where the desired output signal to the controlled device is to be the average of two different source signals. The air output volume is also amplified thereby minimizing system lag.

Their size and light weight make them suitable for in-line mounting and can be in any position.

### SPECIFICATIONS

<b>Maximum Pressure</b>	30 psig (207 kPa)
<b>Connections</b>	3/16" (5 mm) nipples for 1/4" (6 mm) OD polyethylene tubing
<b>Air Consumption</b>	14.4 scim (3.93 mL/s)
<b>Air Capacity</b>	28.8 scim (473 mL/s) @ 20 psig (138 kPa)
<b>Ambient Limits</b>	
Operating	40°F to 120°F (4°C to 49°C)
Shipping	-40°F to 140°F (-40°C to 60°C)
<b>Material</b>	ABS, UL Flame Class 94HB
<b>Weight</b>	
RCC-1513	2-1/2 oz. (71 grams)
RCC-1514	3-3/4 oz. (106 grams)
<b>Setting</b>	
Proportional: with main air pressure applied, branch output is the average of the 2 inputs but cannot exceed the main air pressure.	

### MODELS

RCC-1513.....w/o mounting bracket

RCC-1514.....with mounting bracket (shown)

### INSTALLATION-CALIBRATION

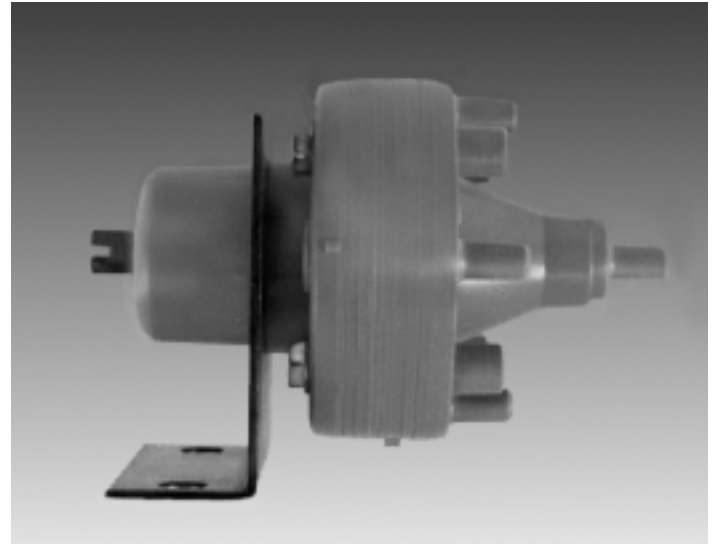
As shown, the relays are designed for either bracket or in-line mounting.

The connections are sized to readily accept 1/4" OD polyethylene tubing. The center port is main air, port 2 is the input, and port 1 is the output.

Relays should be used with clean, dry control air. No attempt should be made to use any other medium.

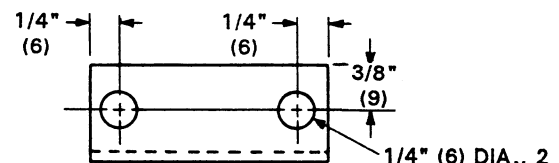
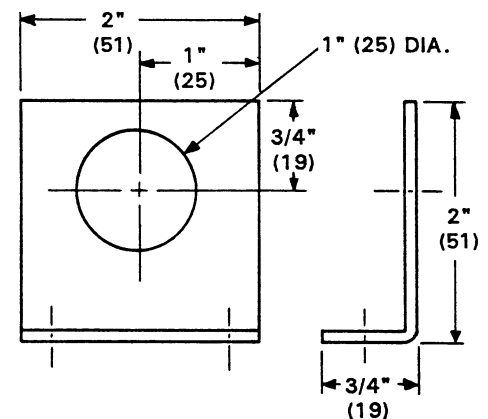
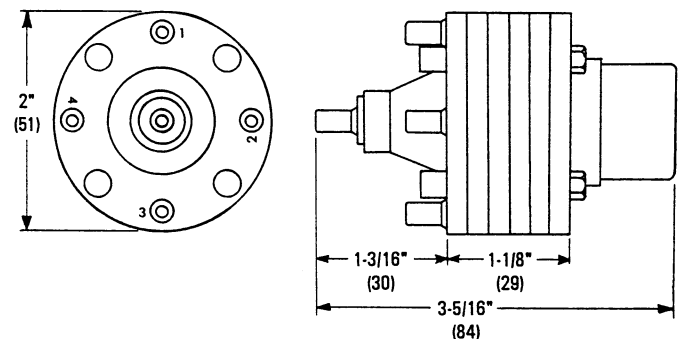
### MAINTENANCE

No routine maintenance is required. Each component's design and material selection assures dependable long-term reliability and performance. Careful installation will also enhance long-term reliability and performance.



### DIMENSIONS

DIMENSIONS IN INCHES (MM)



### ORDERING

**Specify:** Model Number, accessory number if required

**Order From:** Local KMC Controls representative or, KMC Controls, Kreuter Manufacturing Co., Inc.

Specifications and design are subject to change without notice.