

Description

RCC-1001, 1012, 1101, 1112

Pilot capacity *reversing relays* designed for reversing a proportional signal from a controlling device. Factory adjusted to decrease branch line pressure as the input pressure increases. Comes with a bias adjustment and two factory calibration points (8 and 9 psi).

RCC-1102

Averaging relays designed for applications that do not require large amounts of output air volume. Suitable for room or zone applications such as VAV terminals. Use where the output signal to the controlled device must be the average of two source signals.

RCC-1006, 1106

Low pressure selector relays are designed to control a final device based on the lower of two pneumatic input signals.

RCC-1008, 1108

High pressure selector relays are designed to select the greater of two pneumatic signals as the control signal for a final device. These signals must be supplied by "relieving" type devices such as thermostats and receiver-controllers.

RCC-1009, 1109

Adjustable *diverting relays* are SPDT devices. They divert one signal to either of two branch circuits *or* select one of two inputs and transmit it to another control device. They can also be used to feed, or exhaust, a circuit.



Models

Using the list below choose the model appropriate for your application.

Without bracket

RCC-1001	Reversing; 9 psi calibration
RCC-1006	Low pressure selector
RCC-1008	High pressure selector
RCC-1009	Diverting; SPDT
RCC-1012	Reversing; 8 psi calibration

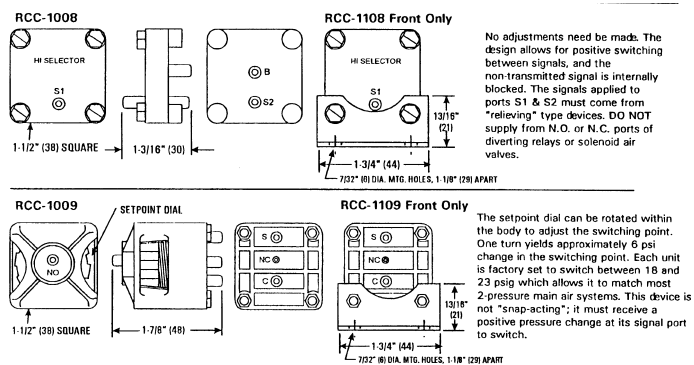
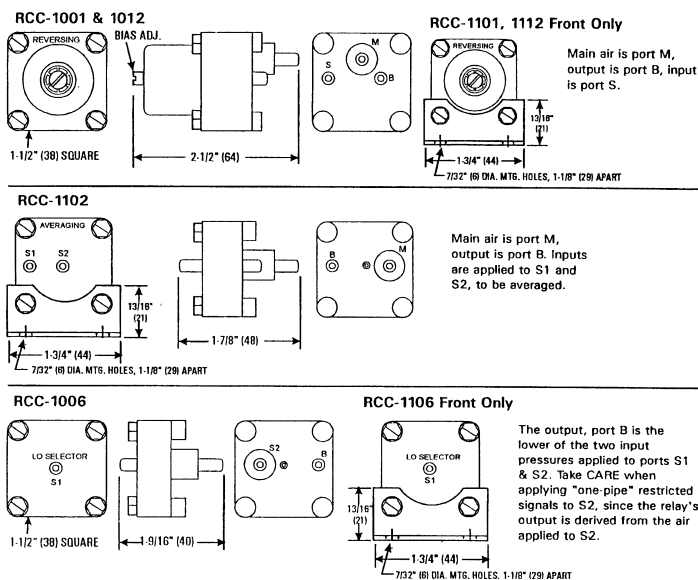
Includes Bracket

RCC-1101	Reversing; 9 psi calibration
RCC-1102	Averaging
RCC-1106	Low pressure selector
RCC-1108	High pressure selector
RCC-1109	Diverting; SPDT
RCC-1112	Reversing; 8 psi calibration

Details

All dimensions in inches (mm).

ALL PORT CONNECTIONS ARE 3/16" (5) DIA. x 3/8" (9)



!CAUTION

Pneumatic devices **MUST** operate with **CLEAN, DRY**, control air. Any other medium will result in the device's eventual failure.

Specifications

Supply Pressure	0 to 20 psig (138 kPa) operating 30 psig (207 kPa) maximum
Air Capacity	
RCC-1001, 1012	17.3 scim (4.7 mL/s) @ 20psig (138 kPa)
RCC-1009, 1109	432 scim (117.9 mL/s) @ 20psig (138 kPa)
RCC-1008, 1018	260 scim (70.6 mL/s) @ 5 psig (34.5 kPa) pressure drop
Setpoint Range	
RCC-1009, 1109	3 to 23 psig (21 to 159 kPa)
Air Consumption	
RCC-1001, 1012, 1101, 1112	17.3 scim (4.7 mL/s)
RCC-1102	on main, 0 on signal
RCC-1006, 1106	Port S2; 0-21.6 scim (5.9 mL/s)
RCC-1008, 1108	None
RCC-1009, 1109	None
Bias Adjustment	RCC-1001, 1012, 1101, 1112 +/-15 psi (103 kPa)

RCC-1009, 1109;

Switching Differential 5 psig (34 kPa)

Action: Below setpoint; C & NO connected
Above setpoint; C & NC connected

Factory Setpoint 18 to 23 psig 124-159 kPa)

Supply Connection 3/16" (5 mm) for 1/4" (6 mm) O.D. polyethylene tubing

Material RCC-1009, 1109 glass filled nylon, all other models beige ABS UL Flame Class 94 HB

Weight 2.5 oz. (71 grams) maximum

Temperature Limits

Operating	40° to 120° F (4° to 49° C)
Shipping	-40° to 140° F (-40° to 60° C)

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