



SPECIFICATION DATA

Q209A & B MANUAL POTENTIOMETERS

application: The Q209 Manual Potentiometers are used to limit the minimum position of Series 90 Modutrol* motors. Both the A and B models are available in two positioning ranges: from 0 to 50 per cent and from 0 to 100 per cent. See specifications.

construction: The Q209A is constructed for use with all Series 90 Modutrol Motors except the M934. It is designed to mount under the cover of the motor within the wiring compartment with a special bracket/scaleplate provided.

The Q209B is used with the M934 motors. It consists of a potentiometer mounted on a formed metal plate that replaces the corresponding cover section.

Both models have a slotted potentiometer shaft for setting adjustments. Q209B has screw-cap covering shaft.

specifications:

MODELS:

Q209A—Manual Potentiometer for Series 90 Modutrol motors (except the M934A).

Q209B—Manual Potentiometer for the M934A Modutrol Motor.

POTENTIOMETER VALUES:

150 ohms—for 0 to 50 per cent minimum setting.

300 ohms—for 0 to 100 per cent minimum setting.

FINISH: Gray (Q209B)

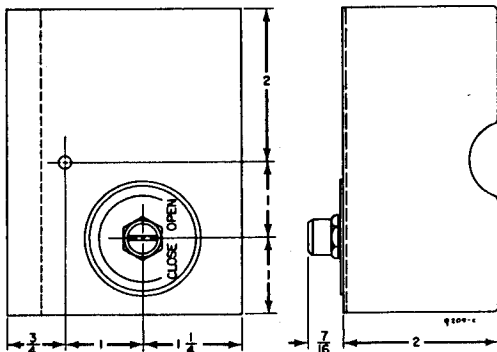
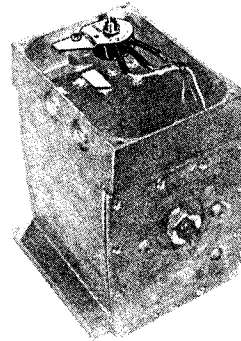
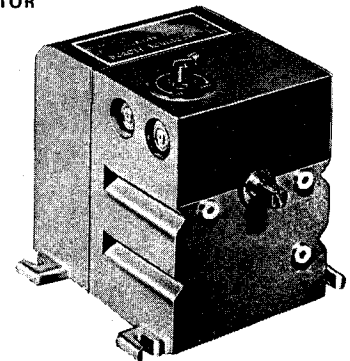


Fig. 1—Approximate Dimensions of the Q209B in Inches.



Q209A ON M944 MOTOR
(COVER REMOVED)



Q209B ON M934 MOTOR

WHEN SPECIFYING, INDICATE:

1. Model number.
2. Potentiometer value.

typical operation: The motor operates from the minimum position set on the Q209 to the position ordered by the temperature controller. Even though the potentiometer wiper in the temperature controller may move to the fully closed position, the motor stops at the minimum position setting.

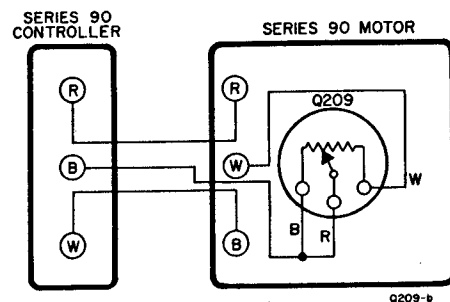


Fig. 2—Connection of a Modutrol Motor and a Q209 Potentiometer in a Typical Fresh-Air Damper Control System.