

4-Port Electronic Heater Control Valve

*What's at the **Heart** of Your Heater Control System?*

MODEL 354-69494



FEATURES

- 4-Port, 5/8" (16mm) Hose Connections
- 12 VDC or 24 VDC Operation
- Integral Feedback Capability
- Positive Valve Position Control When Interfaced with On-board Controller
- 6 GPM Approximate Flow Rate
- Lightweight Under-Hood Design
- Meets Automotive OEM Specifications
- Valve Operating Temperature Range: -20°F to 250°F (-28°C to 121°C)
- Actuator Operating Temperature Range: -40°F to 185°F (-40°C to 85°C)
- Enclosure Protection Class: Unsealed, IP-40

DESCRIPTION

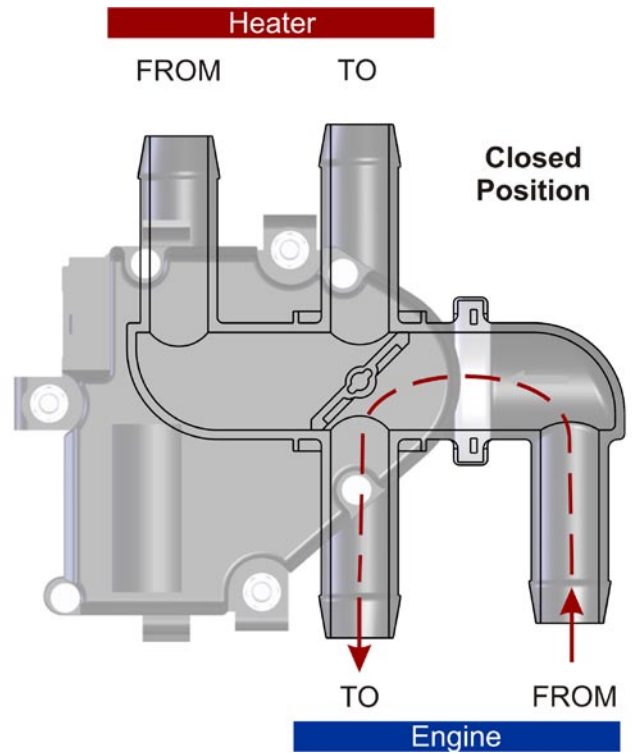
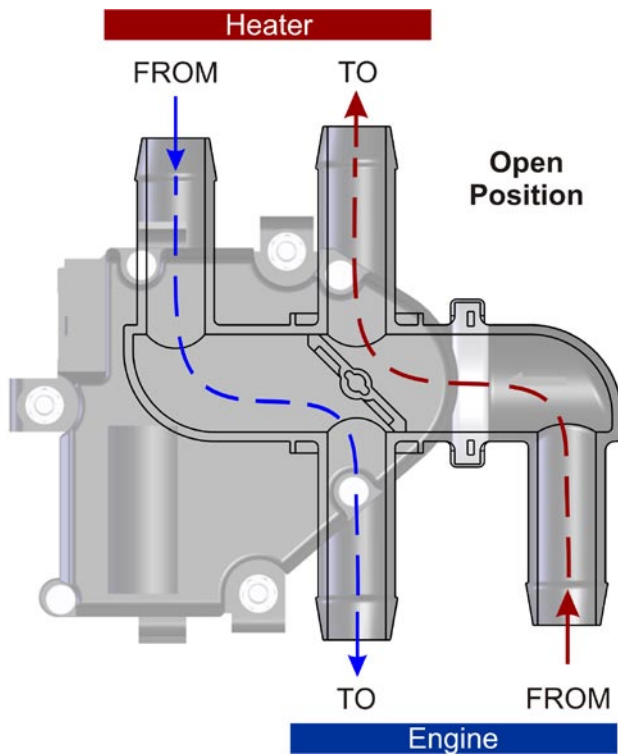
Thermotion's Electronic Coolant Control Valve p/n 354-69494 consists of a 4-port bypass butterfly water valve powered by an electric actuator. The ECC controls coolant flow with an electrical signal. An integral position feedback potentiometer is included.

The ECC is ideal for use with a space-efficient HVAC system that eliminates the blend air temperature door and controls the discharge air temperature by modulating

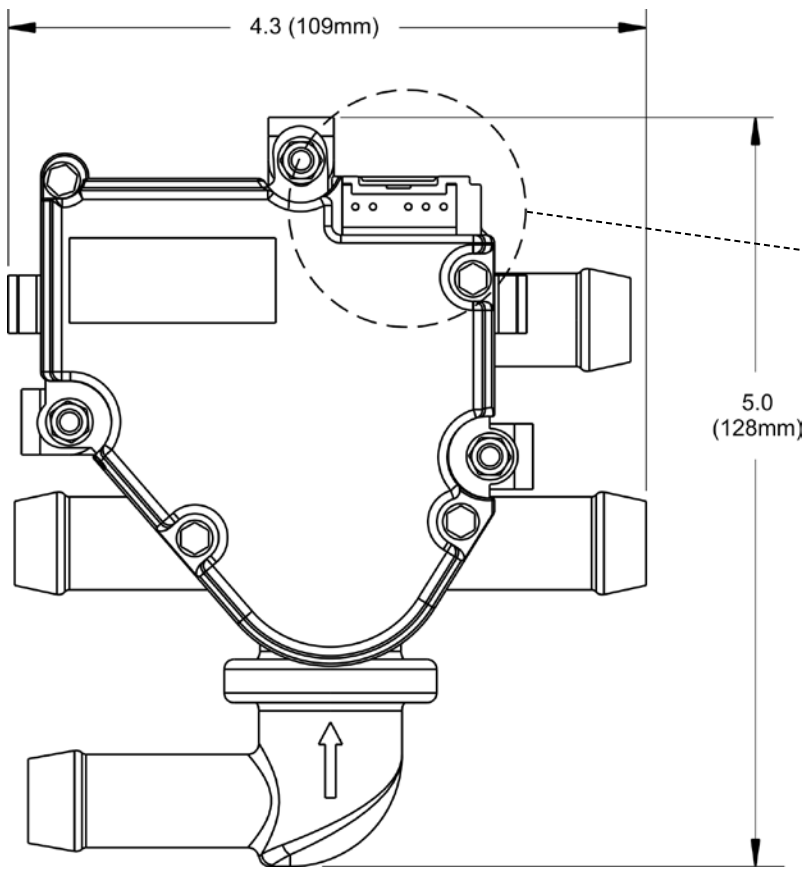
coolant flow to the heater core. This allows the heater and evaporator cores to be installed face to face, or the use of an integral heater/evaporator core to reduce the space requirements. In some assemblies the required space can be reduced by as much as 55%.

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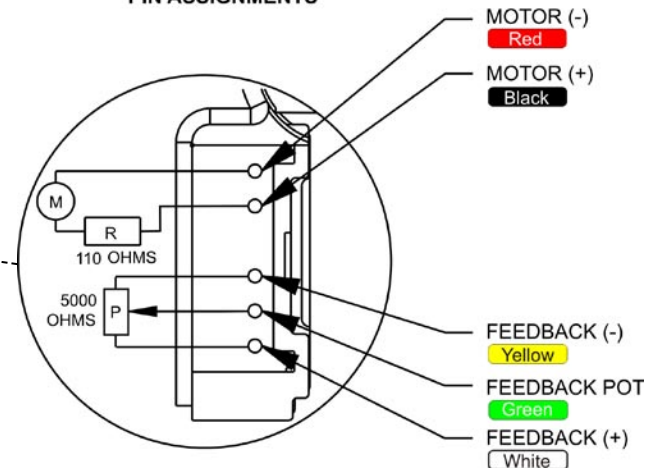
4-Port Electronic Heater Control Valve



* Maximum operating current = 300 milliamps @ 12 VDC or 600 milliamps @ 24 VDC



PIN ASSIGNMENTS



MATING CONNECTOR: P/N 354-65001
CONNECTOR PINS (5) P/N 354-65000
20/22 Gauge Wire

P/N	DESCRIPTION
354-69494	4-Port
354-69493	2-Port
354-66670	Actuator
354-65002	Wire Harness (with 2ft Leads)
354-69515	Control Module with Wire Harness
354-69500	Control Module Runs on User Supplied Ref. Voltage

ISO 9001: 2008
WITH DESIGN

A Certified
Quality
Management
System



THERMOTION LLC
CERT. # 02.009.1

THERMOTION™

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