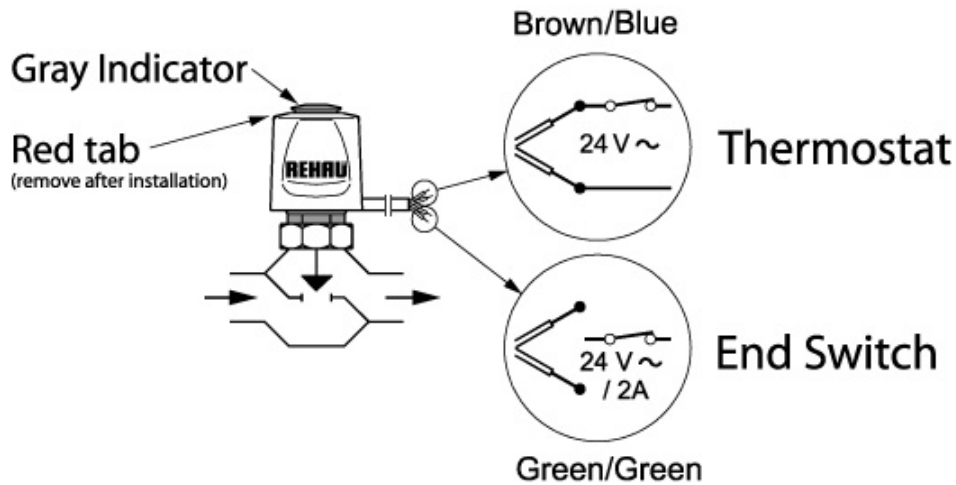


REHAU®

INSTRUCTIONS REHAU 4-WIRE MANIFOLD VALVE ACTUATOR Article # 260166



The REHAU Manifold Valve Actuator ("the actuator") may be installed vertically, horizontally or inverted (upside-down). *Note: Inverted installation is approved only with REHAU's PRO-BALANCE® manifold.*

When using the actuator with REHAU's PRO-BALANCE manifold, be sure to first set each manifold balancing valve according to the procedures in the manifold instructions. Install the actuator hand-tight onto the manifold.

The red pull-out tab is provided to reduce the force of the actuator when installing on the manifold. The manifold valve remains open when the red tab is in place. Keep the red tab in place when installing the actuator on the manifold. Remove the red tab after installing the actuator.

The gray position indicator allows for visual verification of the actuator's position. When the actuator is off and closed, the gray indicator is flush with the top of the actuator. When the actuator is on and open, the gray indicator will rise out of the top of the actuator and be visible from the side.

Connect 24 VAC power from the REHAU thermostat or pump control module to the brown and blue wires of the actuator. When 24 VAC power is applied to the actuator, it will take 3-4 minutes for the actuator to fully open. When power is cut, it will take 3-4 minutes for the actuator to fully close.

A dry-contact end switch is built in to the actuator. When the actuator fully opens, the end switch will close. If required, connect the green end switch wires to a suitable 24 VAC-powered relay, to activate a device to be operated by the actuator's end switch. If the end switch is not needed, it is not necessary to use the green wires, and they may be trimmed.

Features and Specifications:

- Ambient operating temperature range of 32°F to 140°F (0°C to 60°C).
- 24 VAC "thermal motor" heating element melts a wax cartridge, allowing the actuator to open when there is a call for heat (power on). When the power is off, the wax cools and closes the valve (Normally Closed). Operation takes 3-4 minutes.
- 4 wires: Blue/Brown – Apply 24 VAC power; green (2) – end switch. Length – 40" (100 cm).
- Built-in end switch that closes when the actuator is fully open. This dry-contact end switch can be used to operate 24VAC relays for pumps and other devices, and can be wired so that pumps turn on only when actuator is fully open. Two green wires connect to the end switch.
- Gray indicator on the top of the actuator shows the position (open/closed).
- Low power draw: Approximately 2 VA in operation. Maximum 4.5 VA when first powered.