

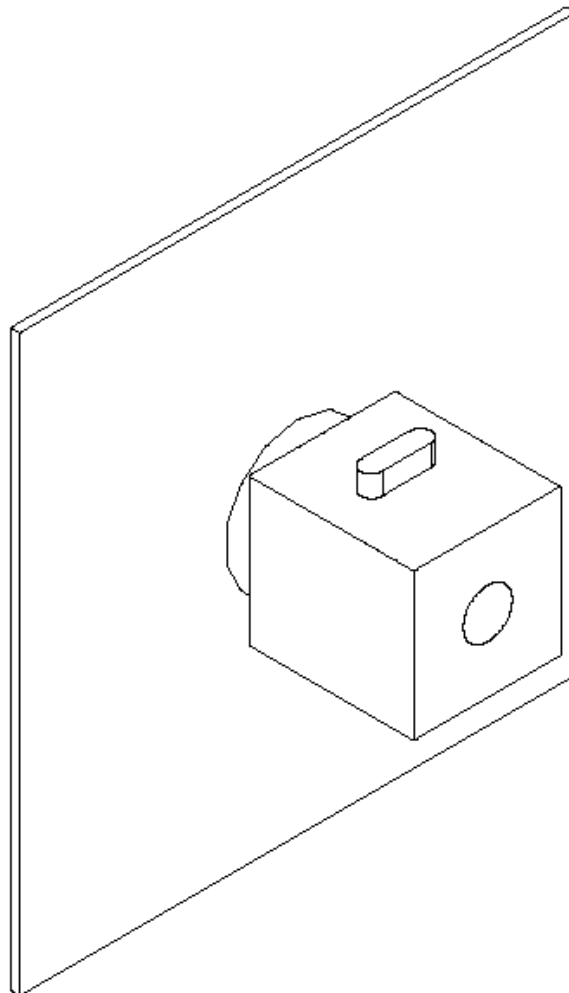
# ARTOS<sup>®</sup>

[www.artos-westover.com](http://www.artos-westover.com)

## Installation Guide

***3/4 " THERMOSTATIC VALVE***

***F904-3***



90430411

This publication is for illustrative purposes only and we reserve the right to change details at anytime as deemed necessary.

## Operating Specifications

### Mixed water temperature

- ☐ Maximum: 120°F

### Hot Water Supply Temperature

- ☐ Maximum: 185°F
- ☐ Minimum: 50°F higher than mixed
- ☐ Advisable: 150°F - 160°F
- ☐ Minimum difference between hot and mixed temperature 50°F

### Operating Pressure

- ☐ Maximum: 75psi
- ☐ Minimum: 15psi
- ☐ Recommended: 30 - 75psi
- ☐ Operating pressures (on hot and cold lines) should be kept as balanced as possible, in order to assure the maximum efficiency.
- ☐ When pressure is higher than 75psi a pressure reducer is required to be fitted before the valve.

### Standards

- ☐ Complies with ASSE 1016

## Care and Maintenance

For best results, keep the following in mind to retain the high quality finish of your *ARTOS* faucet:

- Use a soft, dampened sponge or cloth. On no account should you use an abrasive material such as a brush, scouring pad or steel wool to clean surfaces.
- Test your cleaning agent solution on an inconspicuous area before applying to the entire faucet.
- Wipe surfaces clean and rinse completely with water immediately after applying cleaning agent.
- An ideal cleaning technique is to rinse faucet thoroughly and blot dry any water from the surface after each use.

## Limited Lifetime Warranty

***ARTOS* faucets are guaranteed for life against leaks and finishing defects for as long as the original purchaser owns it.**

Damage caused by accident, misuse, abuse, improper installation, improper cleaning or alteration will void the warranty. This warranty does not cover replacement parts where damage is caused by normal wear and tear. Westover, Inc is not responsible for labor charges, installation or other incidental or consequential costs. Proof of purchase must be provided with all claims.

PLEASE REGISTER THIS PRODUCT ONLINE AT [WWW.ARTOS-WESTOVER.COM](http://WWW.ARTOS-WESTOVER.COM)

**Item No**  
**Serial No**

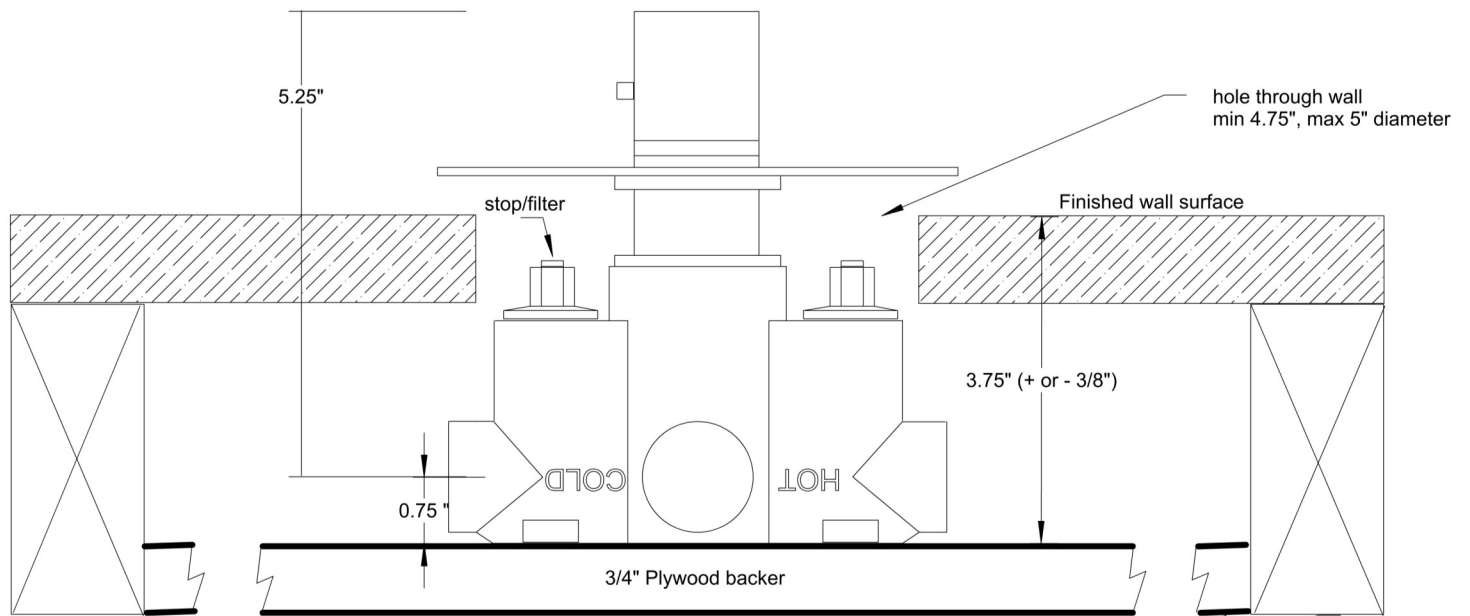
## Prior to Installation

- ☐ Read through all of these instructions
- ☐ This product is part of a custom shower or bath system. Carefully plan the installation before beginning. Decide location and spacing of all components in the system
- ☐ The top outlet is for the shower components and the bottom outlet is for a tub spout. Blank off the tub outlet if not using
- ☐ Observe all local building and plumbing codes and shut off the main water supply before commencing pipe work
- ☐ If soldering close to the valve, remove the headwork to avoid damage from the heat.

## Install the Thermostatic Valve

- ☐ Install a 3/4" x 6" plywood backer as Diagram A. If the framework is standard 2" x 4" studs and the thickness of the tile + adhesive + tile backer is between 3/4" and 1-1/4" then the rear of the plywood backer can be installed flush with the rear of the stud.
- ☐ Connect the hot 3/4" supply to the left side of the valve (viewed from the front) and the cold supply to the right
- ☐ Ensure that the valve is upright and level and secure it to the plywood backer
- ☐ Provide a hole (min 4.75", max 5" diameter) in the rough wall material for access to the stops

## **F904-3 Thermostat Installation - top view**



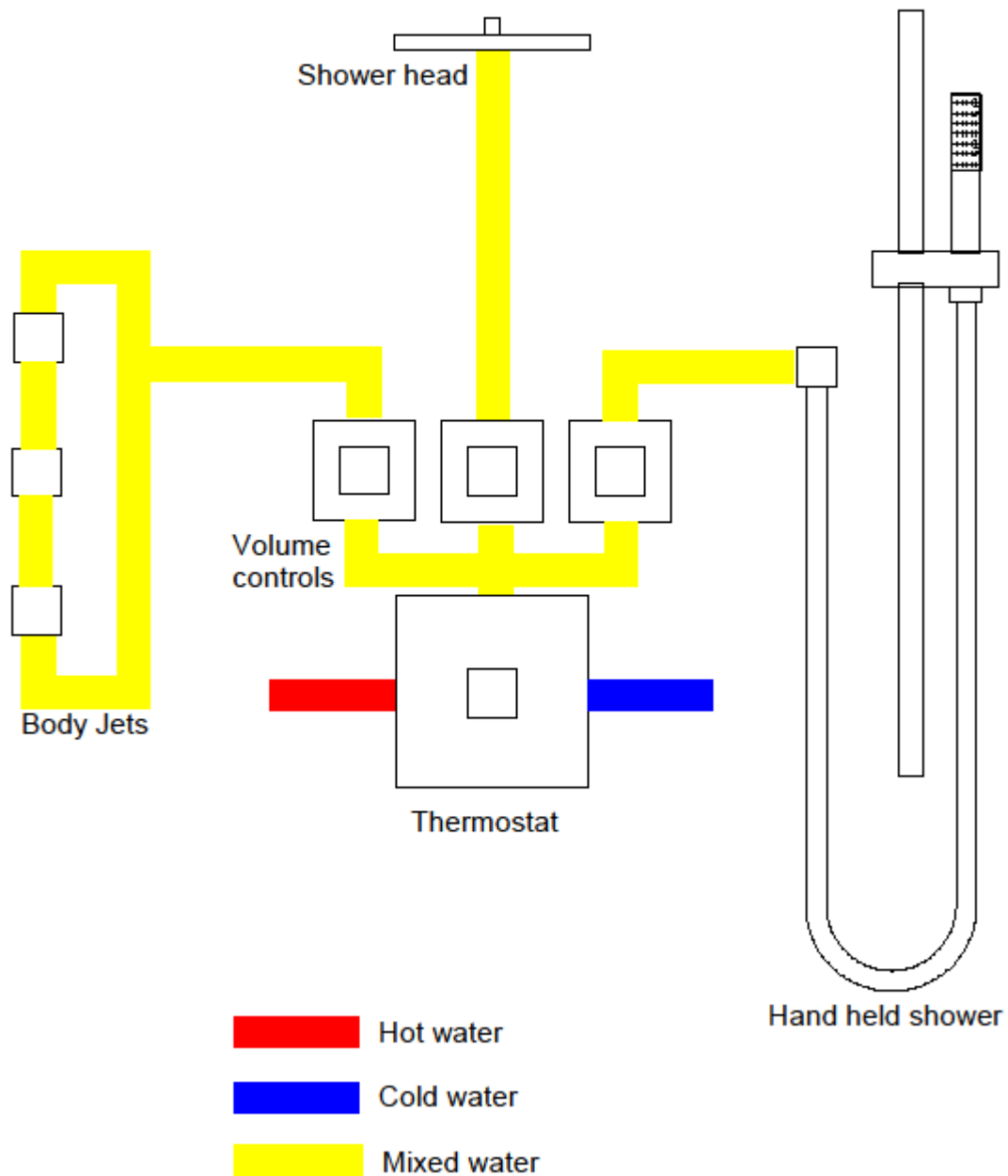
If thickness of tile + adhesive + tile backer is between 3/4" and 1-1/4" then the rear of the 3/4" plywood backer can line up with the rear of a standard 2" x 4" stud

### **DIAGRAM A**

## Complete the installation

- ☐ Remove filters/stops and flush the supply lines to remove any debris. Re fit the stops/filters.
- ☐ Connect outlet(s) to the chosen controls (the control inlets are offset by 1.5" to the thermostat). and ensure that there are no leaks.
- ☐ Finish the wall surface
- ☐ Adjust spindle until temperature is 38C (100F) (body temperature)
- ☐ Install the escutcheon—use either a thin double sided tape or clear silicone to seal between the escutcheon and the wall
- ☐ Install the handle with the button in the upright position and tighten the set screw
- ☐ When the handle is turned to the left until it stops, the 38C marking is at the top.
- ☐ Turn the handle clockwise for cooler water. The 25C marking is now at the top
- ☐ Turn the handle counterclockwise for warmer water (you will need to depress the anti scold button on the handle at the same time) The 50C marking is now at the top

## Typical Custom Shower System using Volume Controls



## Typical Custom Shower System using a Diverter

