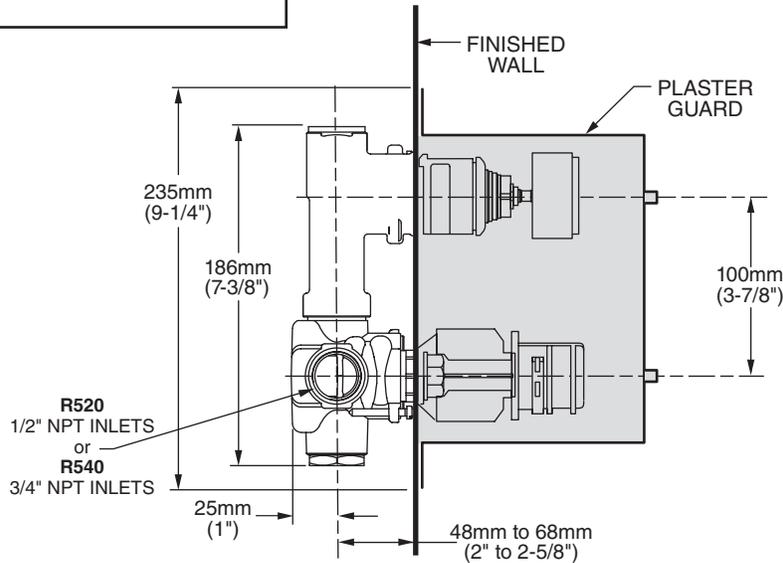


**MODEL NUMBER:**

- R520 Rough Valve Body only**  
 1/2" NPT inlets/outlets. With separate volume control.  
 LESS Trim.
- R540 Rough Valve Body only**  
 3/4" NPT inlets/outlets. With separate volume control.  
 LESS Trim.

**NOTE:**  
 • When used as a Bath/Shower:  
 EITHER  
 - a separate diverter valve (such as R420 or R430)  
 OR  
 - a diverter tub spout (requires twin ell)  
 IS REQUIRED



**GENERAL DESCRIPTION:**

Cast brass valve body. The single unit contains two handles, the lever handle sets the desired temperature and the metal cross handle functions as an on/off, volume control. The temperature is maintained by a wax element moving a shuttle valve between hot and cold. The volume is controlled by twin ceramic disc valve cartridges. Ceratherm includes Hot Limit Safety Stop. Maximum temperature limit is 112°F. Escutcheon plate is stamped brass. Available with 1/2" or 3/4" NPT inlets and outlets. The valve has a high flow rate, ideal for multiple outlet installations.

**PRODUCT FEATURES:**

- Brass Casting:** Highest quality faucet material for durability & long life.
- Wax Thermostatic Unit:** Permits shuttle valve to move between the hot and cold seats to maintain the pre-selected constant water temperature.
- Back to Back Capable:** Hot and cold can be reversed.
- Spring-Loaded Check Valves:** When the hot and cold water enters the fitting, both supplies pass through the spring-loaded check valves to prevent cross flow of hot and cold water.
- Integrated Stop Valves:** Ensure easy cleaning and servicing.
- Adjustable Hot Limit Safety Stop:** Limits the amount of hot water allowed to mix with cold. Reduces the risk of accidental scalding. Maximum water temperature limit may be reduced to 104 or 109 degrees Fahrenheit.

**SUGGESTED SPECIFICATION:**

Two handle Enfield Thermostat shall feature a cast brass valve body. Thermostat shall be a wax element shuttle valve. Shall also feature ceramic disc valving, 1/2" NPT or 3/4" NPT inlets and outlets. Fitting shall be American Standard Model # R5\_0.

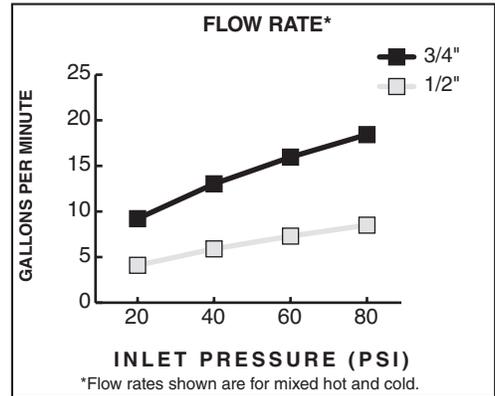
## ROUGH VALVES TWO-HANDLE THERMOSTAT WITH SEPARATE VOLUME CONTROL

### CODES AND STANDARDS

These products meet or exceed the following codes and standards:

- ASSE 1016
- ASME A112.18.1
- CSA B125.1

 Meets the American Disabilities Act Guidelines and **ANSI A117.1** Requirements for the physically challenged.



ROUGH VALVE BODIES **	Product Number	Description
	R520*	Rough Valve Body Less Trim - 1/2" NPT inlets/outlets
	R540*	Rough Valve Body Less Trim - 3/4" NPT inlets/outlets

#### NOTES:

\* When used as a Bath/Shower a separate diverter valve is required (such as R420 or R430).  
Requires Twin Ell for use with diverter spouts.  
Use one discharge port only. Plug is provided.

\*\* ROUGH & TRIM MUST BE ORDERED SEPARATELY.

R520 and R540 will accept the following trims:

AVAILABLE TRIM KITS	Town Square®	Serin®	Green Tea®	Copeland™
				
	T555.740	T064.740 	T010.740 	T005.740
	Moments™	Berwick®	Portsmouth®	Quentin™
				
	T506.740 	T430.740	T420.740	T440.740 