

SIGMA

Designer Faucetry



Introduction

The E-mini Thermostatic Valve – yet another in a series of innovative shower valve solutions pioneered by Sigma.

- Flow delivery comfortably exceeds that of a pressure balance valve while providing all of the benefits of a thermostatic at a very attractive price;
- Decorative trim is compact and clean while mix and match handle options provide for a “design-your-own” custom faucet that complements most any design theme;
- Unique “free-ride” system eliminates need for buttons and knobs found in traditional override systems.

The ½ inch E-mini thermostatic complements our current shower valve offer which ranges from a ½ in. pressure balancing valve to a high capacity 1 in. full-flow thermostatic valve.

E-Mini Thermostatic Valve Introduction

1. The product

- Valve
 - *Valve only*
 - *Valve with integrated Diverter, includes positive shut-off*
 - *Valve with integrated Volume Control*
- Decorative Trim
 - *Square series*
 - *Round series*
- Free-Ride™ Temperature Control
- Systems

2. Positioning

3. Sales and Marketing Strategy

- Introducing a new “valve category”



E-Mini Thermostatic Valve Introduction

1. The products

○ Valve

- Compact, brass construction
- Durable, high-performance thermostatic element
- Long-life cartridge maintains precise temperature
- Forged body with integrated service stops
 - serviceable at point-of-use
- 7 GPM (gallons per minute) flow rate at 45 PSI⁽¹⁾
- ½ inch threaded or slip-fit connections



Note (1) – Applies to all configurations, except 2-way diverter valve which limits flow to 4.0 GPM per outlet

Note (2) - All SIGMA in-wall Diverter Valves and Volume Control Valves feature ceramic disc technology

E-Mini Thermostatic Valve Introduction

1. The products

○ Valve (continued)

- E-mini thermostatic technology maintains water temperature within +/- 3°F
- Provides anti-scald protection and temperature regulation.
- High-temperature safety stop ensures water temperature will not exceed 112°F
- Mounting tabs located on rough-in for secure installation option.
- Requires valve trim (sold-separately).
- Provides anti-scald protection and temperature regulation at flow rates as low as 1.75 GPM; far below federally mandated standards of 2.50 GPM.

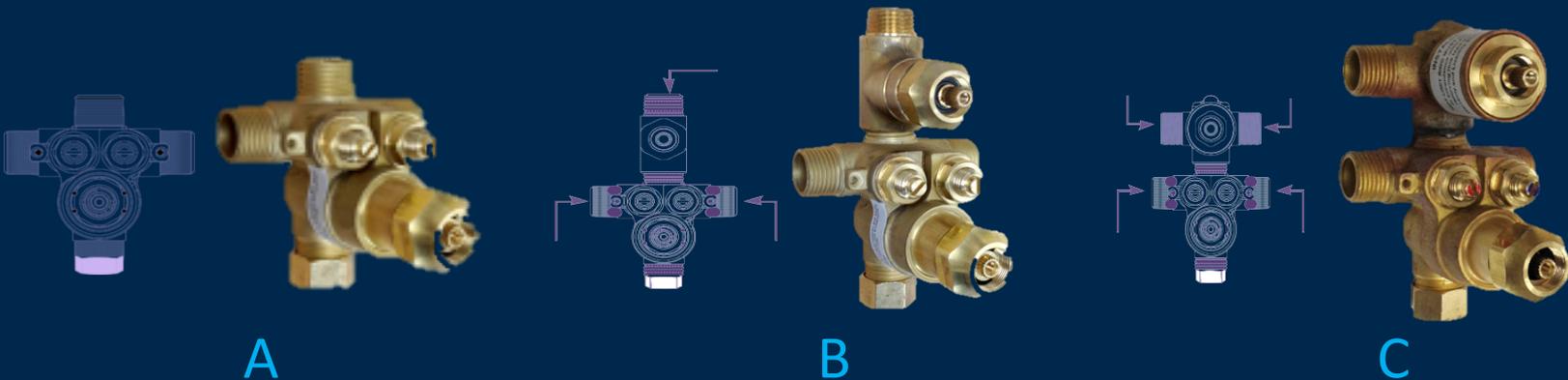


Note 1 – All SIGMA in-wall Diverter Valves and Volume Control Valves feature ceramic disc technology

Product Close-up

1. Inside the valve

- 3 standard configurations:
 - a. Valve separate
 - b. Valve with integrated volume control
 - c. Valve with integrated 2-outlet diverter



Product Close-up

2. Decorative Trim

- Modern, fashionable aesthetic in a compact size;
 - a. Integrated trim is 5-3/4 in. round or 5-3/4 x 3-7/8 rectangle;
 - b. Individual trim is 3-7/8 in. round or square ;
- Crisp, clean geometry with no obtrusive rings or buttons;
- All handles feature 20 or 16 point broaches for most precise handle alignment;
- Solid brass materials.



Product Close-up

2. Sigma adds a Splash of Color

- Modern, clean aesthetic allows room for experimentation;
- Smart, sophisticated designs provide opportunity to add a “Splash” of color;
- Interchangeable handles allow you to change finish accents in minutes;



Get creative, have fun, add a “Splash” to your powder room, your kids bathroom or anywhere you see fit.

Product Close-up

1. Free Ride™ Temperature Control System (Patent Pending)

Scroll across image to run video



Override is Pre-set to 100° F - Free-Ride™ system allows user to increase temperature beyond 100° F by advancing the patent-pending push-to-turn™ temperature selector.

Product Close-up

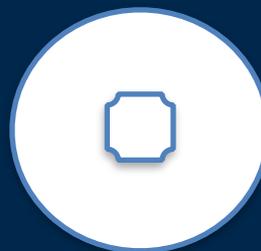
1. Free Ride™ Temperature Control System

Patent Pending

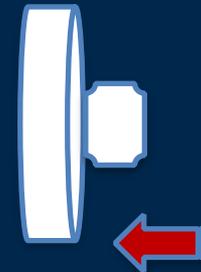
- Override is Pre-set to 100° F - Free-Ride™ system allows user to increase temperature beyond 100° F by advancing the patent-pending push-to-turn™ temperature selector.



Handle turns Counter-clockwise to increase temperature



Handle stops at 100° F



Push handle in to increase temperature past 100° F

Product Close-up

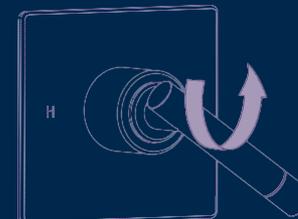
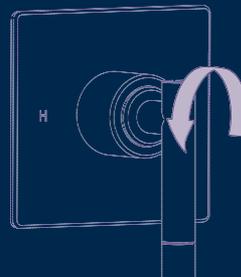
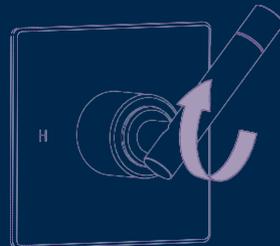
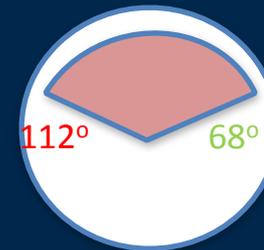
1. Extra Wide Temperature Comfort Zone

- Precision temperature control through extra large 270° range of motion through temperature comfort range (from 68° F to 112° F);
- The E-mini thermostatic allows you to quickly select your ideal showering temperature.;

FIG 1.
 E-mini comfort range changes 1 degree of temperature per 16 degrees of arc.

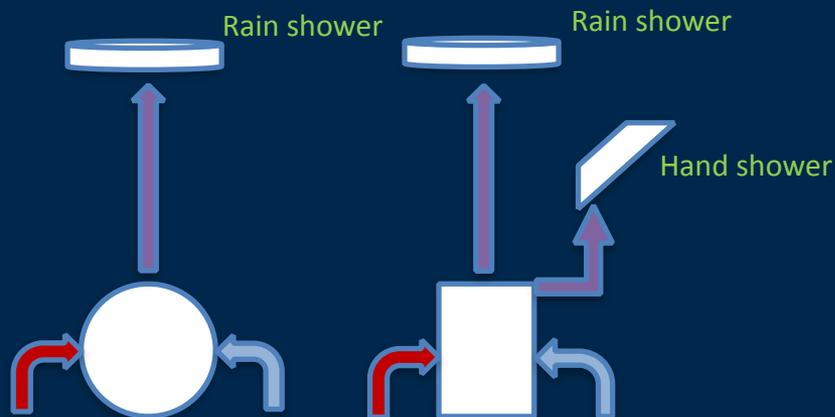


FIG 2.
 Spool-type pressure balancing valves one degree of temperature per one degree of arc.



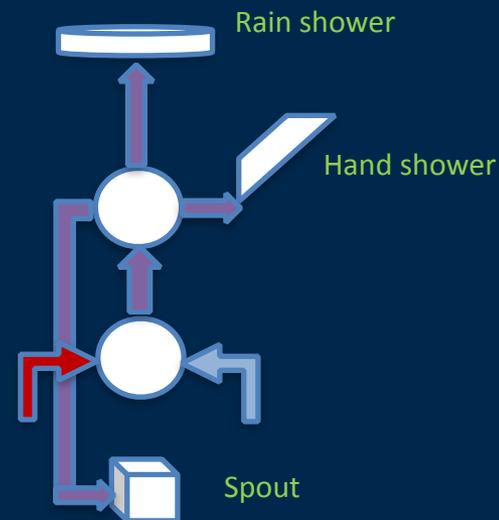
System Summary

Integrated Plates



- Both feature positive shut-offs
- Volume control provides on-off
- Diverter allows for 2 outlets

Individual Plates



- Can configure w/separate Volume Control or 2-way diverter
- Can also use 3-way diverter (pictured above)

Product Positioning

1. Positioning Strategy

- Ideal for bathrooms where high-design and clean, unobtrusive trim plates are favored;
- No Design “distractions” - appeals to fashion conscious buyer;
- Specifically developed for today's modern bathing spaces;
- Can serve up to 3 outlets;
- Outperforms pressure balancing systems – in terms of both temperature control and flow rates;
- Very competitive price points;
- Dozens of handle options provide endless design combinations;
- Numerous, high-quality, decorative finish options;

Combine with Sigma's extensive handle and finish options to literally “design your own shower”

E-Mini Thermostatic Valve Only

FEATURES

- Compact size
- 1/2 threaded or slip-fit connections
- Forged body with integrated service stops
- Rapid response, polysulfone cartridge eliminates heat sink



E-Mini-Therm Valve Only LIST \$229.00

(Requires separate volume control or positive diverter)
7 gpm @ 45 PSI



18.30.291 E-Mini-Therm Valve Only LIST \$299.00

with Volume Control
7 gpm @ 45 PSI



18.30.292 E-Mini-Therm Valve with Volume Control LIST \$349.00

and Two-Way Diverter
4.5 gpm @ 45 PSI

E-Mini Thermostatic Valve



*Essential, Environmental, Efficient, Economical,
Earth Friendly Everything Valve*

SIGMA.

Designer Faucetry



(Shown with Moderne-X #94 handle)

1.OR_ _50T.XX

E-Mini Thermostatic Valve TRIM ONLY - ROUND

For E-Mini-Therm Valve Only, Requires **separate** volume control or positive diverter.

3 3/4 in. Round Trim Plate

GI \$225.00
GII \$295.00
GIII \$345.00
GIV \$395.00

Part # 18.30.290

E-Mini-Therm Valve Only - Rough

Page 4



(Shown with Jaxx #33 handle)

1.OS_ _50T.XX

E-Mini Thermostatic Valve TRIM ONLY -SQUARE

For E-Mini-Therm Valve Only, Requires **separate** volume control or positive diverter.

3 3/4 in. Square Trim Plate

GI \$225.00
GII \$295.00
GIII \$345.00
GIV \$395.00

Notes: Add \$50.00 for the Lisbon (26), Luxembourg (65), Portofino (63), and Venezia (25) handle.
Nuance (38) uses thermo handle shown in catalog in 1600 Series.

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SIGMA.

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(Shown with St. Michel #55 handle)

1.OR_ _51T.XX

E-Mini Thermostatic Valve TRIM ONLY - ROUND

for E-Mini-Therm with Volume Control Only
-OR- Volume Control and Two-Way Diverter

5 7/8 in. Round Trim Plate

GI \$250.00
GII \$320.00
GIII \$380.00
GIV \$440.00

Part # 18.30.291

E-Mini-Therm Valve Only with Volume Control - Rough

Part # 18.30.292

E-Mini-Therm Valve Only with Two-Way Diverter - Rough

Page 4



(Shown with Polaris #21 handle)

1.OS_ _51T.XX

E-Mini Thermostatic Valve TRIM ONLY - RECTANGULAR

for E-Mini-Therm with Volume Control Only
-OR- Volume Control and Two-Way Diverter

3 3/4 in. x 5 3/4 in. Rectangular Trim Plate

GI \$300.00
GII \$370.00
GIII \$430.00
GIV \$480.00

Notes: Add \$50.00 for the Lisbon (26), Luxembourg (65), Portofino (63), and Venezia (25) handle.
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