







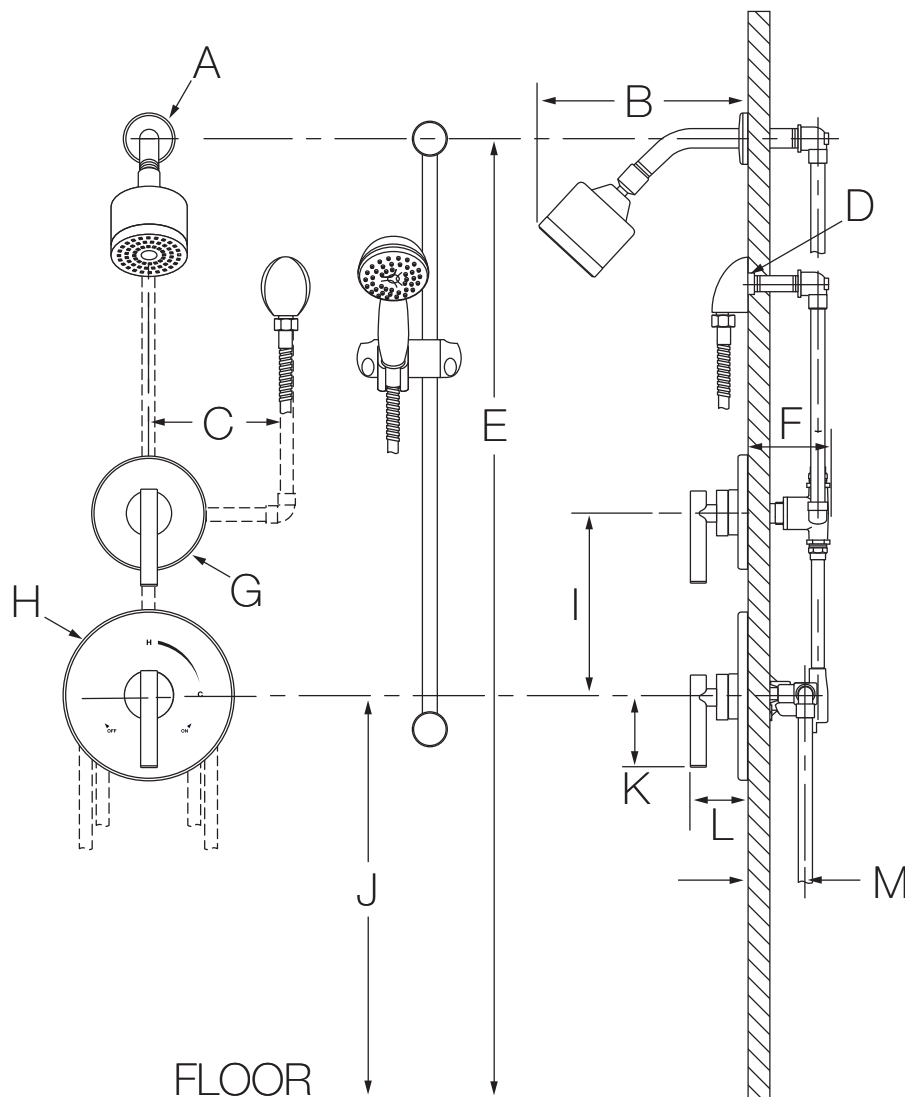


3505-H321-V-CYL-B  
Shower/Hand Shower System  
Specification Submittal

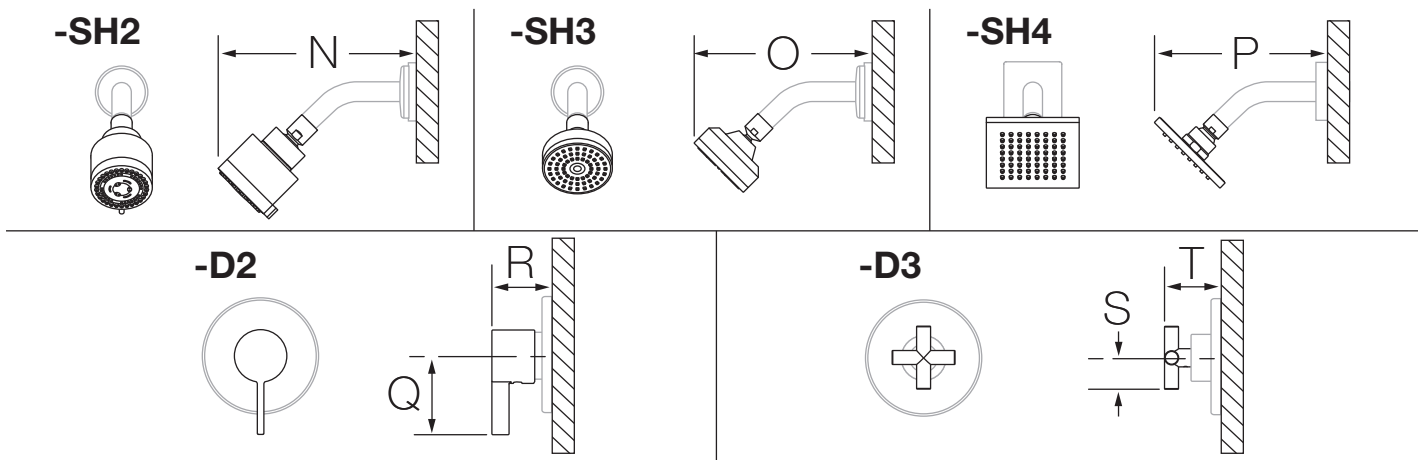


Feature Highlights	Options/Modifications cont.
<ul style="list-style-type: none"> <li>• Metal lever handles</li> <li>• Adjustable stop screw to limit handle turn</li> <li>• 30" slide bar for hand shower</li> <li>• Separate dual outlet diverter</li> <li>• 60" flexible metal hose</li> <li>• 1 mode hand shower</li> <li>• Dual checks for backflow protection</li> <li>• 1 mode showerhead</li> <li>• 2.5 gpm (9.5 L/min) standard flow restrictors</li> <li>• Tub spout not included</li> <li>• Components shall be metal and nonmetallic construction, plated in standard polished chrome finish</li> <li>• For optional in-line vacuum breaker order p/n EF-109</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>-L/HD</b> <i>Less showerhead</i></li> <li><input type="checkbox"/> <b>-L/HS</b> <i>Less hand shower</i></li> <li><input type="checkbox"/> <b>-NS</b>  <i>Non-shared diverter valve</i></li> <li><input type="checkbox"/> <b>-QD</b> <i>Quick-disconnect on hand spray units</i></li> <li><input type="checkbox"/> <b>-R</b> <i>60" white vinyl hose in place of 60" metal hose</i></li> <li><input type="checkbox"/> <b>-REB</b> <i>Rebuild trim kit, includes TA-10 and TA-4</i></li> <li><input type="checkbox"/> <b>-REV</b> <i>Reverse coring, hot on right, cold on left, for back to back installations</i></li> <li><input type="checkbox"/> <b>-SH2</b>  <i>Alternative 352SH-3, 3 mode showerhead (Chrome and Satin Nickel finish only)</i></li> <li><input type="checkbox"/> <b>-SH3</b>  <i>Alternative 362SH Duro showerhead</i></li> <li><input type="checkbox"/> <b>-SH4</b>  <i>Alternative 361SH Duro square showerhead</i></li> <li><input type="checkbox"/> <b>-T724</b> <i>24" slide bar/grab bar with ADA hand shower</i></li> <li><input type="checkbox"/> <b>-T736</b> <i>36" slide bar/grab bar with ADA hand shower</i></li> <li><input type="checkbox"/> <b>-T748</b> <i>48" slide bar/grab bar with ADA hand shower</i></li> <li><input type="checkbox"/> <b>-TRM</b> <i>Trim only, valve must be ordered separately</i></li> <li><input type="checkbox"/> <b>-VB</b> <i>Elevated vacuum breaker</i></li> <li><input type="checkbox"/> <b>-VP</b> <i>Vandal resistant escutcheon screws in place of standard screws</i></li> <li><input type="checkbox"/> <b>-X</b> <i>Integral service stops - allows water shutoff at valve for service</i></li> <li><input type="checkbox"/> <b>-X-CHKS</b> <i>Integral check stops - for use in installations where a positive shut-off device is used downstream of mixing valve</i></li> <li><input type="checkbox"/> <b>-BBZ</b> <i>Brushed Bronze finish (not available with H35 or T7 series slide bar/grab bar modifications)</i></li> <li><input type="checkbox"/> <b>-MB</b> <i>Matte Black finish (not available with H35 or T7 series slide bar/grab bar modifications)</i></li> <li><input type="checkbox"/> <b>-STN</b> <i>Satin Nickel finish</i></li> </ul> <p><b>Note:</b> Append appropriate -suffix to model number.</p>
<p><b>Model Numbers</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>3505-H321-V-CYL-B</b> Shower/Hand Shower System with Symmons Temptrol® 4-port pressure balancing mixing valve</li> <li><input type="checkbox"/> <b>46-2-BODY</b> Symmons Temptrol 4-port pressure balancing mixing valve</li> <li><input type="checkbox"/> <b>46-2X-BODY</b> Symmons Temptrol 4-port pressure balancing mixing valve with integral service stops</li> <li><input type="checkbox"/> <b>2DIV-BODY</b> Symmons dual outlet diverter valve</li> </ul>	<p><b>Compliance</b></p> <p>- ASME A112.18.1/CSA B125.1</p> 
<p><b>Options/Modifications</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> <b>-1.5</b>  <i>1.5 gpm (5.7 L/min) flow restrictor</i></li> <li><input type="checkbox"/> <b>-2.0</b> <i>2.0 gpm (7.6 L/min) flow restrictor</i></li> <li><input type="checkbox"/> <b>-72</b> <i>72" hose in place of 60" hose</i></li> <li><input type="checkbox"/> <b>-D2</b>  <i>Round diverter handle (Chrome and Satin Nickel finish only)</i></li> <li><input type="checkbox"/> <b>-D3</b>  <i>Cross diverter handle (Chrome and Satin Nickel finish only)</i></li> <li><input type="checkbox"/> <b>-ADACHS</b> <i>ADA hand shower wand (chrome)</i></li> <li><input type="checkbox"/> <b>-ADAHS</b> <i>ADA hand shower wand (white)</i></li> <li><input type="checkbox"/> <b>Delete Suffix B</b> <i>Chrome only plastic escutcheon on valve with color graphics/indicators</i></li> <li><input type="checkbox"/> <b>-H321-V-48</b> <i>1 mode hand shower unit with 48" slide bar</i></li> <li><input type="checkbox"/> <b>-H323-V</b> <i>3 mode hand shower unit with slide bar</i></li> <li><input type="checkbox"/> <b>-H323-V-48</b> <i>3 mode hand shower unit with 48" slide bar</i></li> <li><input type="checkbox"/> <b>-H3524</b> <i>24" decorative slide/grab bar with ADA hand shower</i></li> <li><input type="checkbox"/> <b>-H3536</b> <i>36" decorative slide/grab bar with ADA hand shower</i></li> <li><input type="checkbox"/> <b>-IPS</b> <i>1/2" female IPS connections</i></li> </ul>	<p><b>Warranty</b></p> <p><b>Limited Lifetime</b> - to the original end purchaser in consumer/residential installations.  <b>5 Years</b> - for industrial/commercial installations.  Refer to <a href="http://www.symmons.com/warranty">www.symmons.com/warranty</a> for complete warranty information.</p>

# Dimensions



Measurements	
A	Ø 2-1/2", 64 mm
B	6-3/4", 171 mm
C	6", 152 mm
D	Male 1/2-14 NPT thread must be recessed 1/4" (6 mm) from finished wall
E	Ref. 77", 1956 mm
F	3-1/2", 89 mm
G	Ø 5", 127 mm
H	Ø 7-1/2", 191 mm
I	Ref. 10", 254 mm
J	Ref. 42", 1067 mm
K	3", 76 mm
L	2-7/8", 73 mm
M	Rough-in 2-3/8" ± 1/2", 60 mm ± 13 mm
N	6-3/4", 171 mm
O	6", 152 mm
P	5-5/8", 143 mm
Q	3", 76 mm
R	2-7/8", 73 mm
S	1-3/8", 35 mm
T	2-7/8", 73 mm



### Notes:

- 1) Plaster shield (p/n T-176) for dry wall, plaster or other type walls 1/2" or greater.
- 2) Do not install positive shut-off device/devices that do not allow the valve to flow at least 1.5 gpm to valve outlets.
- 3) All dimensions measured from nominal rough-in (see M as reference).
- 4) Dimensions subject to change without notice.