





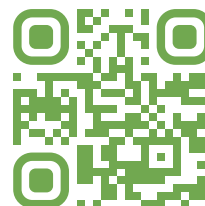






S202PP, S202G  
Lavatory Faucet  
**Operation & Maintenance Manual**



Model Numbers	Feature Highlights
<div><div><input type="checkbox"/> <b>S202PP</b></div><div>Lavatory Faucet with Push Pop Drain Assembly</div></div> <div><div><input type="checkbox"/> <b>S202G</b></div><div>Lavatory Faucet With all metal grid drain</div></div>	<div><ul style="list-style-type: none"><li>• Singlelever faucet with red and blue indicators on handle</li><li>• Ceramic control components and handle limit stops</li><li>• 3/8" Braided flexible supply lines</li><li>• 4 inch (102mm) centers</li><li>• standard 1.0 gpm (3.8 L/min) aerator</li><li>• Metal contruction, polished chrome finish</li></ul></div> <div></div>
Compliance	Warranty
<div><div><ul style="list-style-type: none"><li>- ASME A112.18.1/CSA B125.1</li><li>- NSF/ANSI/CAN 61: Q&lt;1, NSF/ANSI 372</li><li>- WaterSense: 1.0 gpm (3.8 L/min)</li></ul></div><div></div><div><div> <b>WARNING:</b></div><div>This product can expose you to chemicals including lead, which is known to the state of California to cause cancer, birth defects, or other reproductive harm. For more information, go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>.</div></div></div>	<div><div><b>Limited Lifetime</b> - to the original end purchaser in consumer/residential installations.</div><div><b>10 Years</b> - for commercial/industrial installations. Refer to <a href="http://www.symmons.com/warranty">www.symmons.com/warranty</a> for complete warranty information.</div></div> <div></div>



handle options			
W			
  <p>ADA compliant lever handles</p>			

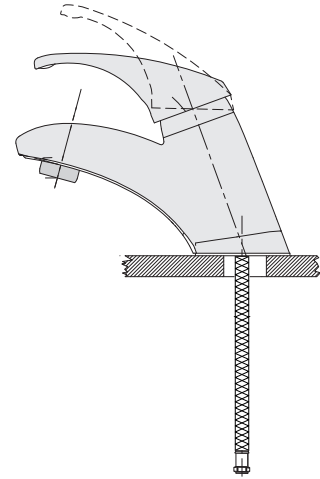
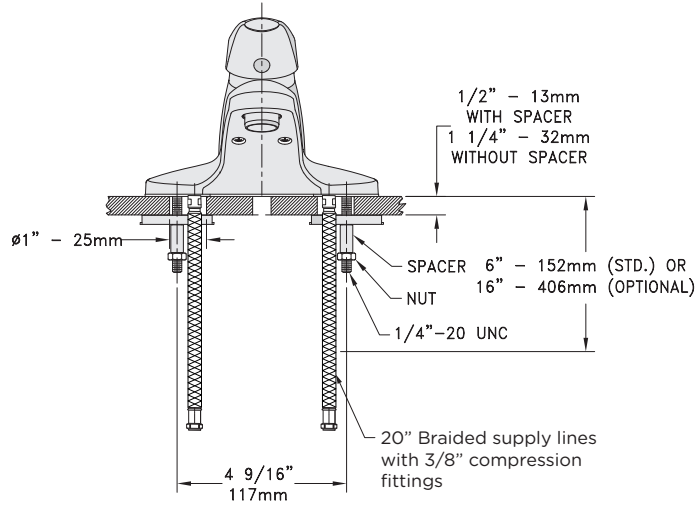


**SYMMONS®** Symmetrix®

S202PP, S202G

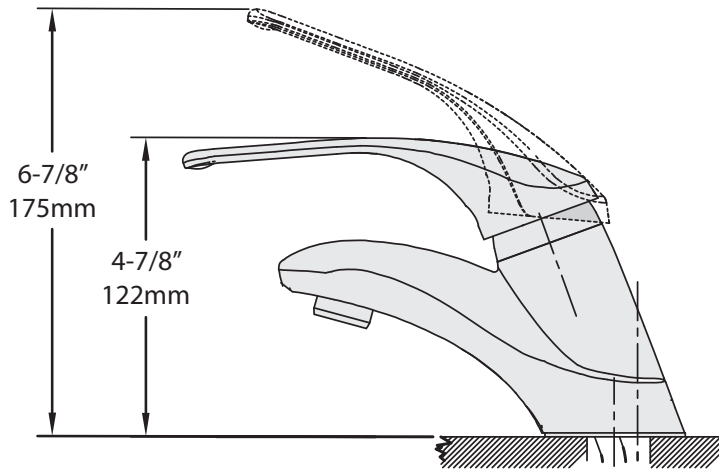
## Dimensions

S202

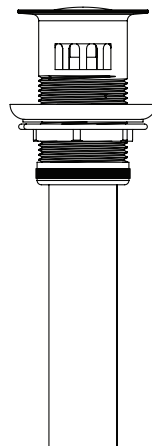


**Note:** Dimensions subject to change without notice.

S202W



**Note:** Dimensions subject to change without notice.



**Note:** Dimensions subject to change without notice.

## Parts Assembly Symmetrix Lavatory Faucet, S202 Series

- |          |  |
|----------|--|
| KN-2     | Compression ring                         |
| KN-3RB*  | Solid handle                             |
| KN-3BRB* | Loop handle                              |
| KN-4     | Cartridge                                |
| KN-23    | Anchor bar (2)                           |
| KN-26    | Mounting spacer (2)                      |
| KN-157   | Plug button                              |
| LN-8*    | Valve cap                                |
| LN-11*   | Screw (2)                                |
| LN-34    | Cartridge wrench                         |
| LN-122   | Acrylic Handle                           |
| LN-135   | 6" lever handle with red/blue indicators |
| LN-171   | Screw                                    |
| LN-363*  | Undercover plate                         |
| LN-370   | Mounting gasket                          |
| LN-371BH | Cartridge housing assembly               |
| L-22     | Set screw                                |
| L-36     | Mounting nut (2)                         |
| RL324*   | Push Pop Drain Assembly (complete)       |
| P-26     | Grid drain assembly (complete)           |
| T-33     | Plug button                              |

For Decorative Finish Faucets add suffix to parts marked with an asterisk as follows:

Suffix -STN: Satin Nickel finish

Suffix -BC: Brushed Chrome finish

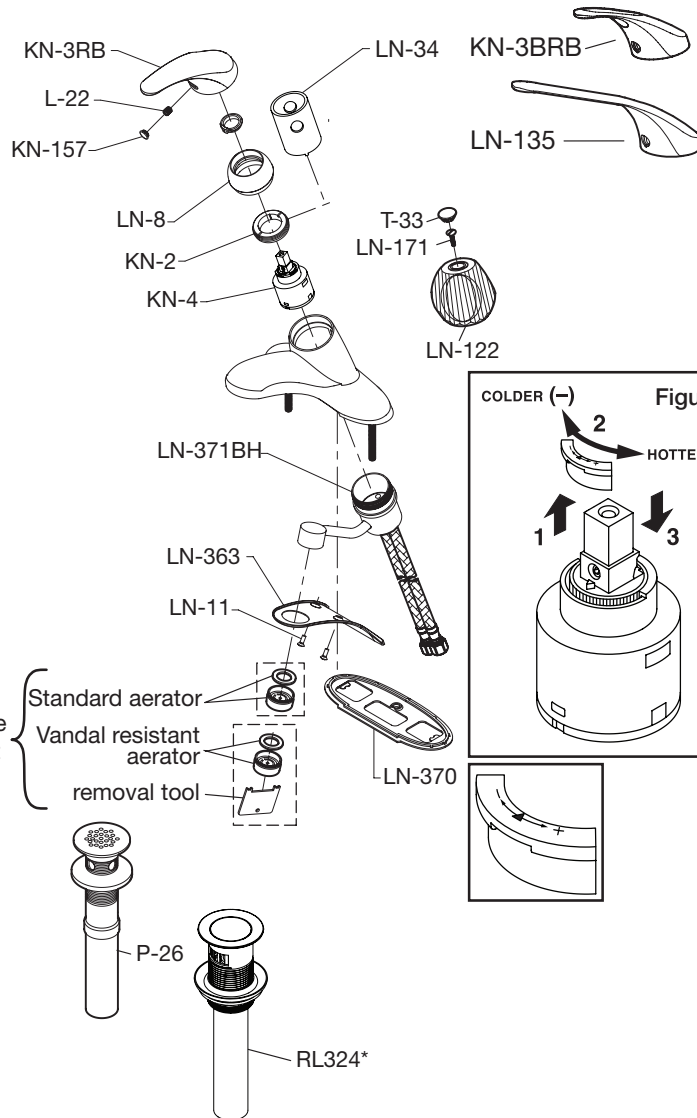



Figure 1

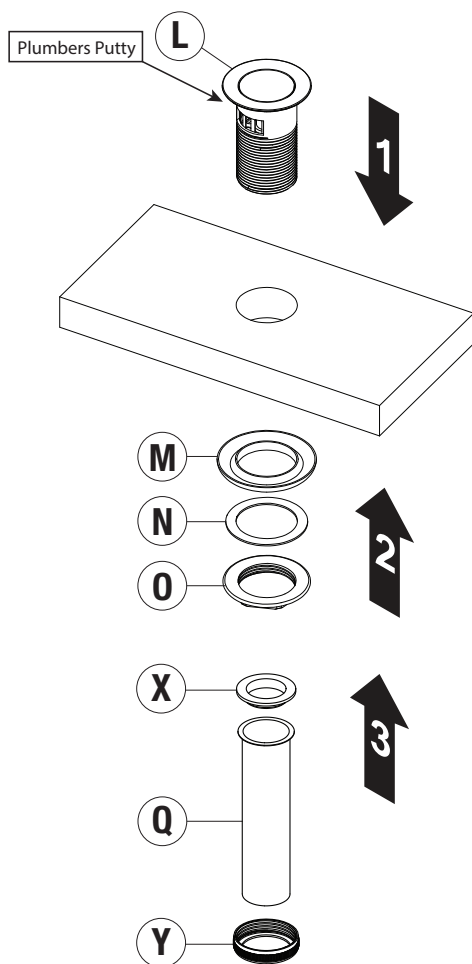
Aerator (flow regulator)	Part Number	
	Standard Aerators	Vandal Resistant with removal tool
2.2 gpm (8.3L/min)	LN-15*	LN-101*
1.5 gpm (5.7L/min)	FLR-110-1.5*	RL-288 (non-aerated)
1.0 gpm (3.8L/min)	FLR-110-1.0*	RL-288-VP-1.0 (non-aerated)
0.5 gpm (1.9L/min)	----	LN-100*
0.35 gpm (1.3L/min)	FLR-01743	----

Removal tool part number, LL-60K 

## Installation

**Caution: Be sure to turn off hot and cold water supplies before installing or servicing faucet.**

1. Place gasket on base of faucet then loosely install the anchor bar (KN-23), spacer (KN-26) and nut (L-36) on the mounting bolts. Push faucet supplies and anchor bolt/spacer/nut assemblies with gasket through holes in sink. Secure faucet to sink by tightening nuts from underside. (If sink or counter surface is uneven, use putty or sealant to make proper seal under base.)
2. Connect supply hoses to supply stops (left hose to hot, right to cold). Hot hose is marked with tag. Note: If the LCT handle is being used the supplies will be reversed. The right side hose will be marked hot and should cross over and be connected to the hot supply. Connect the left side hose to the cold supply.
3. **Push Pop Install:** Insert drain body (L) into drain opening. From below, Tighten locking nut (O) with gasket (M) and washer (N) to flange. Tighten tail nut (Y) with washer (X) to secure tail pipe (Q). **DO NOT** overtighten.



4. It is very important to thoroughly flush the supply lines to prevent foreign matter, i.e. copper chips, sand, stones, etc. from damaging the sealing surfaces of cartridge. Remove aerator and turn valve handle on to full cold position, open cold supply. Without closing, turn handle to full hot and open hot supply. Let water run in hot only and cold only positions long enough to flush supply lines thoroughly. Shut off faucet and replace aerator. Check for leaks.
5. The handle limit stop can be set to limit handle turn to the hot position. The limit mechanism is factory set to allow full handle travel. To adjust the limit stop, turn handle to the full hot position and lift handle to open faucet approximately half way to obtain a smooth flow for correct initial temperature measurement.
6. If when faucet is on and in full hot position and water is too hot, shut off water, remove plug button (KN-157), loosen set screw (L-22) and remove handle (KN-3RB, KN-3BRB or LN-135) or plug button (T-33), screw (LN-171), and handle (LN-122). Lift limit stop ring using a small flat head screw driver and rotate clockwise to lower temperature. If water is not hot enough, rotate counter clockwise (See Figure 1 on reverse side). After correct temperature is achieved, reattach handle, reversing procedure above.

### Cartridge Replacement (KN-4):

1. Remove plug button (KN-157), loosen set screw (L-22) and remove handle (KN-3RB, KN-3BRB or LN-135) or plug button (T-33), screw (LN-171), and handle (LN-122).
2. Engage tabs in cartridge wrench (LN-34) with slots in compression ring (KN-2) and use screwdriver in wrench holes or pliers on wrench and turn counter clockwise until compression ring engages with cap (LN-8). Continue turning counter clockwise so that cap/ring assembly is removed from the body (LN-371BH). Remove cartridge and o-ring seal (KN-4). Install new cartridge while taking care to maintain position of the o-ring seal at the base of the cartridge. Match posts in base of cartridge with alignment holes in valve body during assembly. Reassemble faucet in reverse fashion. Thread cap onto body firmly by hand. Do not use a wrench which may damage the finish. Tighten compression ring (KN-2) finger tight using the wrench (LN-34) then 1/4 to 1/2 turn further. Set hot water limit stop in accordance with installation step 5 above.