SYMMONS[®] Origins[®]

Kitchen Faucet SK248 Series

INSTALLATION, OPERATION AND SERVICE INSTRUCTIONS Faucet meets ANSI A112.18.1M Flow rate: 2.2 gpm (8.3 L/min)

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

INSTALLATION:

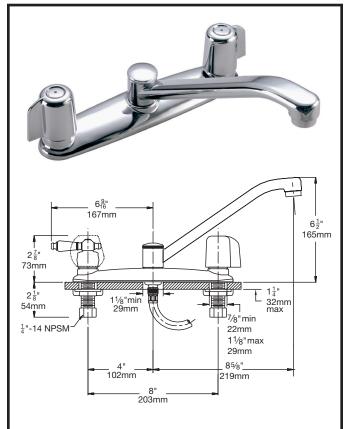
- 1. If installing model with hose and spray, install hose guide into hole in sink (normally the far right hole on four hole sink). From underneath sink place washer then nut over hose guide and secure to sink. Insert hose through hose guide and up through middle hole from left in sink. From above sink attach hose securely to nipple on base of faucet.
- 2. Align faucet to sink by matching underside arrow and word "FRONT" on base plate (KN-109) with front of sink. Push faucet supplies through holes in sink. Secure faucet to sink by tightening flange nuts (KN-116) from underside. (If sink surface is uneven use putty or sealant to make proper seal under base.)
- 3. Connect hot supply to left tube and cold supply to right tube using appropriate connectors.
- 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 cold valve handle on to full cold position, open cold supply. Without closing, turn hot valve handle to full hot position and open hot supply. Let water run in hot only and cold only positions long enough to flush supply lines thoroughly. If equipped with a hose and spray, direct spray head into sink and activate spray. Shut off faucet and replace aerator. Check for leaks.

To replace cartridge (KN-113 or KN-114) in faucet with standard or LCT handles:

- 1. Remove plug button (T-33, T-33R or T-33B), loosen philip head screw (LN-121) and remove handle (LN-140, LN-131 or LN-102).
- 2. Place wrench on cartridge hex nut (KN-113, KN-114). Turn wrench counter clockwise until cartridge is removed.
- 3. Install new cartridge. Turn cartridge with wrench until cartridge does not turn easily then turn 1/4 or 1/2 turn further. Reassemble handle in reverse fashion.

To replace cartridge (KN-113 or KN-114) in faucet with LCF, LPO or LAM handles:

- 1. Loosen philip oval head screw (LN-134) and remove handle (LN-152).
- 2. Remove collar (LN-112) by turning counter clockwise, do not use wrench as this may damage the surface finish.
- 3. Place wrench on cartridge hex nut. Turn wrench counter clockwise until cartridge is removed.
- 4. Install new cartridge. Turn cartridge with wrench until cartridge does not turn easily then 1/4 or 1/2 turn further. Reassemble handle in reverse fashion.



To replace diverter mechanism (KN-112):

- 1. Unscrew and remove cap (KN-103).
- 2. Using a flat screwdriver remove the diverter (KN-112) by turning it counter clockwise.
- 3. Install the new diverter by turning the cartridge clockwise until it does not turn easily then diverter 1/4 to 1/2 turn further.
- 4. Grease cap o-ring (KN-120) and install on cap (KN-103). Replace cap onto faucet.

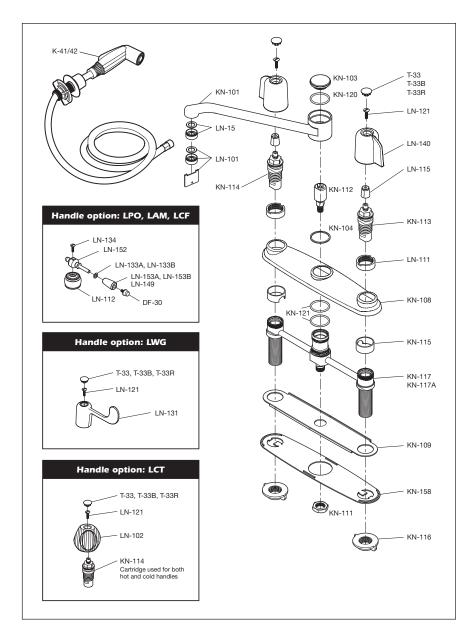
▲ **WARNING:** This product can expose you to chemicals including lead, which is known to the state of California to cause cancer, birth defects, or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

Parts Assembly Origins Lavatory Faucet, SK248 Series

DF-30* K-41/42* KN-101* KN-103* KN-104 KN-108* KN-109 KN-111 KN-112 KN-113 KN-114 KN-115 KN-116 KN-117	Finial, handle Hand spray and holder Spout assembly Cap Spacer Escutcheon Base plate Mounting nut Diverter valve Valve cartridge (cold) Valve cartridge (hot) Spacer (2) Flange nut (2) Supply body assembly with diverter
KN-117A KN-120 KN-121 KN-158 LN-15* LN-101* LN-102 LN-111* LN-112* LN-115 LN-121 LN-131 LN-1338 LN-1338 LN-1338 LN-1338 LN-1338 LN-134* LN-149 LN-140 LN-152* T-33* T-338 T-338	Supply body assembly O-ring O-ring (2) Gasket Aerator Aerator (vandal resistant) Acrylic handle (2) Lock ring (2) Lever handle collar (2) Bushing (2) Philips pan head screw (2) ADA handle (2) White lever insert (2) Chrome lever insert (2) Temperature indicator (rblue) Oval philip head screw (2) Clear lever insert (2) Lever handle Handle lever Plug button, plain Plug button, Blue

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

Suffix STN: Satin finish



Warranty

Limited Lifetime - to the original end purchaser in consumer/residential installations. **10 Years** - for commercial/industrial installations. Refer to www.symmons.com/warranty for complete warranty information.

