SYMMONS® Ultra-Sense™

Sensor Activated Lavatory Faucet S-6080 Series **Specification Submittal**



Model S-6080 with 4 inch deck plate

Model Numbers

□ S-6080	Faucet with 6V lithium battery power pack, faucet p/n SF-244
☐ S-6080-AC-12V	Faucet with AC wall plug-in transformer, faucet p/n SF-235
☐ S-6080-ACM-12V	Faucet for use in multi-faucet applications, faucet p/n SF-235
	Requires 12VDC power supply, model S-6240-12V purchased separately

Options / Modifications

Append appropriate -suffix to model number

-G	Grid strainer drain
-OFG	Offset grid strainer drain
-0.5	0.5 gpm (1.9 L/min) Vandal resistant flow rate restrictor
0.5-NA	0.5 gpm (1.9 L/min) vandal resistant laminar flow non-aerated spray outlet restrictor
-NA	1.5 gpm (5.7 L/min) vandal resistant laminar flow non-aerated spray outlet restrictor
-DP	8 inch adapter plate
-LST	18 inch copper supply tube and adapter (instead of 20 inch braided hose)
-20	20 foot (6096 mm) power supply cord in place of standard 10 foot (3048 mm)

Water Supply Configurations

 HOT & COLD supply with lever handle water temperature adjustment (factory standard)

cord (Model S-6080-ACM-12V only)

- HOT & COLD supply with pre-set tempered water (field configured)
- COLD single supply or single supply with premixed tempered water (field configured)

Warranty

- Limited Lifetime to the original end purchaser in residential / consumer installations
- 5 years for commercial installations

Feature Highlights

- Sensor Activated Lavatory Faucet with infrared Position Sensitive Detection (PSD) system
- Electronic components, including battery in S-6080 model, are sealed and housed above deck in cast brass body for maximum vandal resistance
- 10 second factory set cycle time with automatic shut-off
- Single hole and 3 hole mounting hardware with 4 inch centered deck plate
- Vandal resistant aerator at 1.5 gpm (5.7 L/min) flow rate
- Temperature limit stop to set maximum outlet temperature
- Water supply in-line strainer / adapter
- 20 inch braided supply hose or optional 18 inch copper supply tube (-LST)
- Chrome plated brass (standard finish)
- **Model S-6080** Includes internal 6 volt lithium battery, typical battery life is 3 years at 210 cycles per day
- Model S-6080-AC-12V Includes AC wall plug-in transformer with 72 inch (1829 mm) power cord (120VAC/12VDC, class II, UL listed for US/C) Faucet power specification: 12VDC ±5% @ 200 ma, <100 mVpp
- Model S-6080-ACM-12V Includes 10 foot (3048 mm) 12VDC power supply cord. Model used with multi-faucet power supply and electrical termination enclosure. Faucet power specification: 12VDC ±5% @ 200 ma, <100 mVpp The following items are available and purchased separately

S-6240-12V Universal 120 - 240VAC power supply with 12VDC output, Supports up to eight (8) faucets

(reference S-6240-12V Specification Submittal for product details)





Note: Using a non-Symmons power supply will void warranty

S-6244 Standard Electrical Termination Enclosure for 12VDC @ 3.33 amps, box size: 6"H (152 mm) x 10"W (254 mm) x 4"D (102 mm)

(reference S-6244 Specification Submittal for product details)

Also available at local electrical supply



Standards / Certifications

ASME A112.18.1-2005/CSA B125.1-05 AB1953 low lead

Dimensions Ultra-Sense Lavatory Faucet, S-6080, S-6080-AC-12V / ACM-12V Model S-6080, p/n SF-244 Model S-6080-AC-12V / ACM-12V, p/n SF-235 Note: Faucet shown with 4 inch centered deck plate. Dimensions subject to change without notice. Temperature 4-13/32"adjust (112 mm) 5-7/64" Deck plate (135 mm) Deck plate 2-1/2" 6" (152 mm) (64 mm) Hole diameter 1-9/16" - 1-3/8" spacer (33 mm - 35 mm) 19" 1/2" (13 mm)-1/4"-20 UNC (483 mm) with spacer 4" (102 mm) 1-1/8" (29 mm)-Strainer/adapters without spacer 3/8" compression

Visual Guide Multi-Faucet Configuration with S-6240-12V Power Supply Power supply supports up Model S-6244 (p/n SF-194) to eight (8) Sensor Faucets Input: 100 - 240VAC **Termination Enclosure** 47-63 Hz @ 1.0 amps +12VDC - RET (GND) 12 inch cord Model S-6240-12V (305 mm) (p/n SF-01448) power receptacle Switching Power Supply power cable plug Output: 12VDC @ 3.33 amps max AWG #20 AWG #16 +12VDC Wire nut. terminate wires together AWG #20 AWG #16 - RET (GND) Wire nut, terminate wires together Standard 10 foot cable (optional 20 foot) and connector assembly included with each faucet

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Model S-6080, Part Number SF-244 Models S-6080-AC-12V / S-6080-ACM-12V, Part Number SF-235 RevDate 101011