

# INSTALLATION INSTRUCTIONS

## COMMERCIAL SHOWER SYSTEM KITS:

1.5 gpm & 2.5 gpm

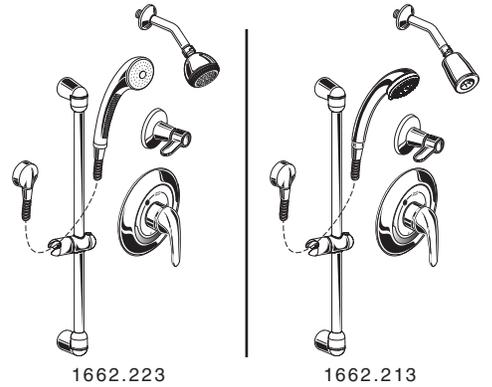
1662.223

1662.213

Thank you for selecting American Standard... the benchmark of fine quality for over 100 years.

To ensure that your installation proceeds smoothly-please read these instructions carefully before you begin.

Installation must conform to all local building codes.

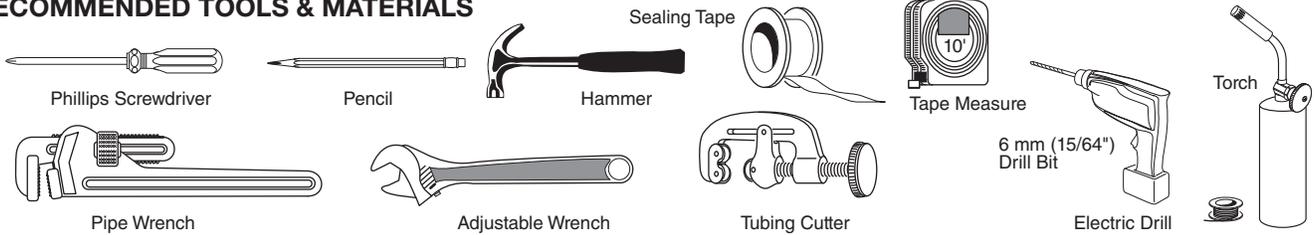


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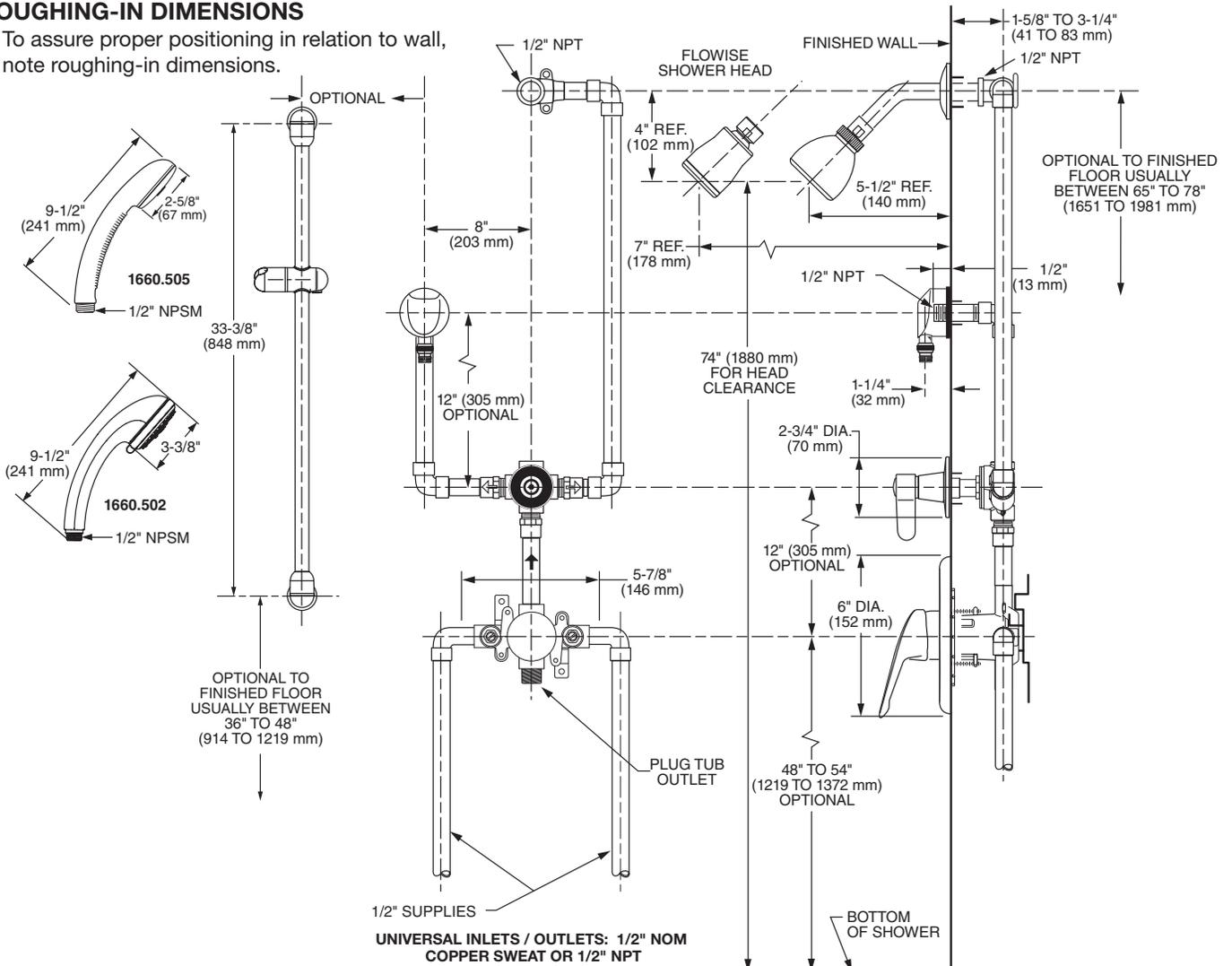
Certified to comply with ANSI A112.18.1

### RECOMMENDED TOOLS & MATERIALS



### ROUGHING-IN DIMENSIONS

To assure proper positioning in relation to wall, note roughing-in dimensions.

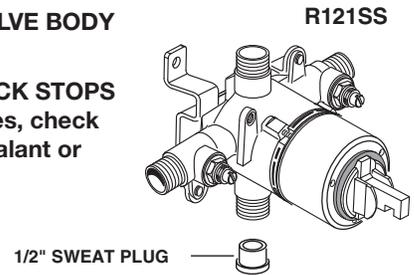


## 1 INSTALL THE R121SS VALVE BODY

**NOTE: REFER TO INSTALLATION INSTRUCTIONS (M965661) SUPPLIED WITH VALVE BODY FOR COMPLETE INSTALLATION AND REPAIR PART INFORMATION.**

**IMPORTANT: When soldering, remove PLASTER GUARD, CARTRIDGES and CHECK STOPS (IF PRESENT). When finished soldering, flush valve body, replace cartridges, check stops (if present) and plaster guard to continue installation. Use thread sealant or Teflon tape on threaded connections.**

- See Roughing-in diagram before starting.  
Connections are:
  - 1/2" NOM Copper Sweat or 1/2" NPT inlets
  - 1/2" NOM Copper Sweat or 1/2" NPT tub and shower outlets



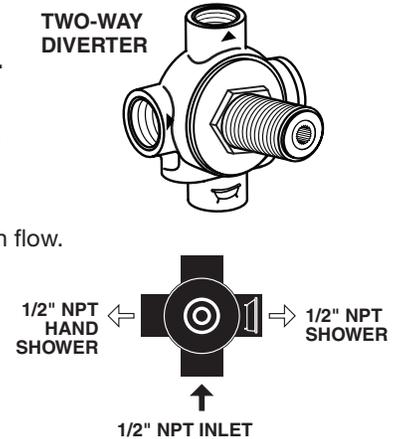
## 2 INSTALL THE R422 TWO-WAY DIVERTER

**NOTE: REFER TO INSTALLATION INSTRUCTIONS (M965673) SUPPLIED WITH DIVERTER FOR COMPLETE INSTALLATION AND REPAIR PART INFORMATION.**

**IMPORTANT: The reverse side of the body is marked with arrows.**

**CAUTION: Do not solder near the VALVE. Damage to the SEAL may occur. Do not seal any outlets. The DIVERTER cannot be used as a stop valve. Use thread sealant or sealing tape on threaded connections.**

- See Roughing-in diagram before starting. The port with the BATH TUB picture is the high flow.
- The DIVERTER can be installed with the inlet rotated in any position.
- All connections are 1/2" NPT.
- For proper positioning the finished wall must be within the side of PLASTER GUARD.
- Connect the R422 TWO-WAY DIVERTER to the R120SS VALVE BODY.



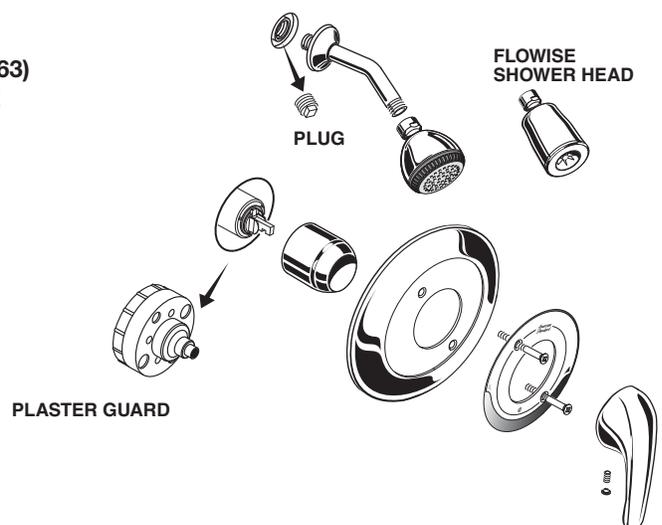
## 3 MAKE ALL CONCEALED PIPING CONNECTIONS

- See Roughing-in diagram before starting.
- Make Hot and Cold supply connections to the VALVE BODY. Inlet and outlet connections to the valve body are 1/2" copper sweat.
- Make SHOWER connection from DIVERTER. (Use the port with the BATH TUB picture). DIVERTER IS 1/2" NPT.
- Make the connections for the HAND SHOWER. The HAND SHOWER connections are 1/2" NPT.
- For support, use PIPE BRACES secured to wooden braces. Cap off SHOWER and HAND SHOWER. With the R120SS VALVE turned off, turn on water supplies. Check for leaks.
- Finish all wall construction.

## 4 INSTALL VALVE TRIM

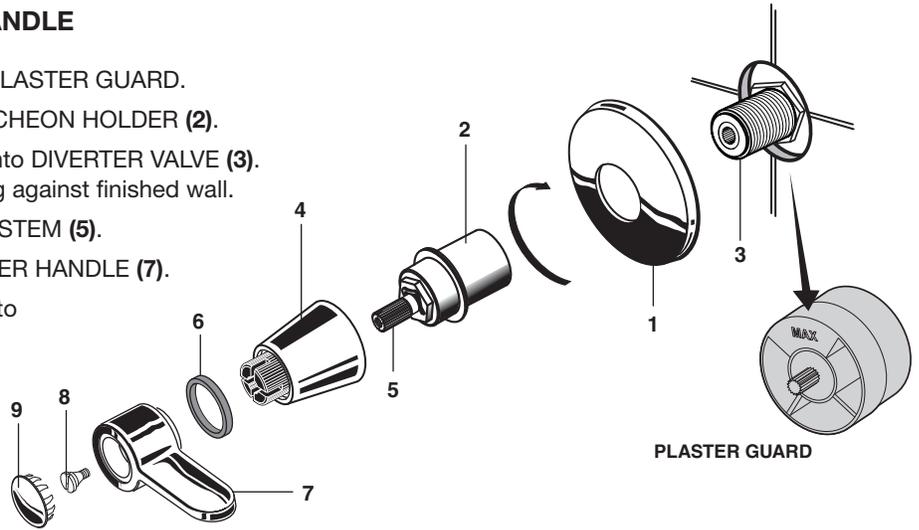
**NOTE: REFER TO INSTALLATION INSTRUCTIONS (M968763) SUPPLIED WITH VALVE TRIM KIT FOR COMPLETE INSTALLATION AND REPAIR PART INFORMATION.**

- When finished tiling the wall, remove PLASTER GUARD.
- Remove plug from shower pipe.



## 5 INSTALL DIVERTER TRIM AND HANDLE

- When finished tiling the wall, remove PLASTER GUARD.
- Place ESCUTCHEON (1) onto ESCUTCHEON HOLDER (2).
- Thread ESCUTCHEON HOLDER (2) onto DIVERTER VALVE (3). Tighten until ESCUTCHEON (1) is snug against finished wall.
- Install HANDLE SKIRT (4) onto VALVE STEM (5).
- Push DECORATIVE RING (6) onto LEVER HANDLE (7).
- Align LEVER HANDLE (7) and push onto HANDLE SKIRT (4). Install HANDLE SCREW (8) and tighten.
- Push INDEX CAP (9) into LEVER HANDLE (7).



## 6 INSTALL WALL SUPPLY

**NOTE: REFER TO INSTALLATION INSTRUCTIONS (M968637) SUPPLIED WITH WALL SUPPLY FOR COMPLETE INSTALLATION AND REPAIR PART INFORMATION.**

- Supply to WALL SUPPLY is 1/2" NPT. See rough-in above for detailed information.
- Apply sealant or sealing tape to threads of 1/2" NPT supply nipple.

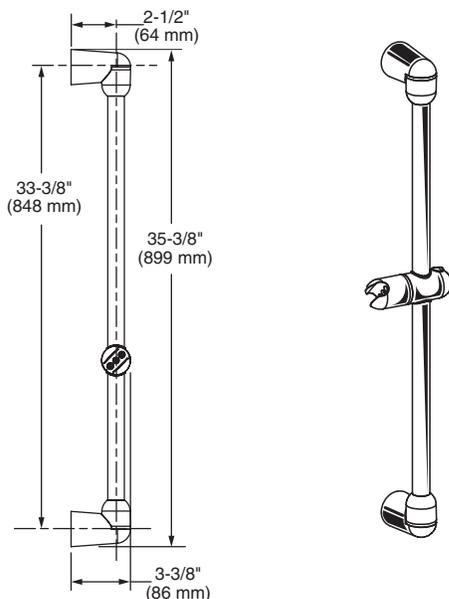


## 7 INSTALL HAND SHOWER SLIDE BAR

**NOTE: REFER TO INSTALLATION INSTRUCTIONS (M968637) SUPPLIED WITH SHOWER SYSTEM KIT FOR COMPLETE INSTALLATION AND REPAIR PART INFORMATION.**

**WARNING: NOT DESIGNED TO BE A GRAB BAR.**

- The height and location of the SLIDE BAR is optional. It can be installed to the right or left side of the R120SS VALVE.



## 8 INSTALL HOSE AND HAND SHOWER TEST SHOWER SYSTEM

**NOTE: REFER TO INSTALLATION INSTRUCTIONS (M968637) SUPPLIED WITH SHOWER SYSTEM KIT FOR COMPLETE INSTALLATION AND REPAIR PART INFORMATION.**

- Place the HAND SHOWER into the SLIDE BAR after all hose connections are made. The installation of the SHOWER SYSTEM KIT is now complete.
- Turn on water supplies and check all functions of the SHOWER SYSTEM KIT. Check for any leaks.



## CARE INSTRUCTIONS:

**DO: SIMPLY RINSE THE PRODUCT CLEAN WITH CLEAR WATER. DRY WITH A SOFT COTTON FLANNEL CLOTH.**

**DO NOT: DO NOT CLEAN THE PRODUCT WITH SOAPS, ACID, POLISH, ABRASIVES, HARSH CLEANERS, OR A CLOTH WITH A COARSE SURFACE.**

# American Standard

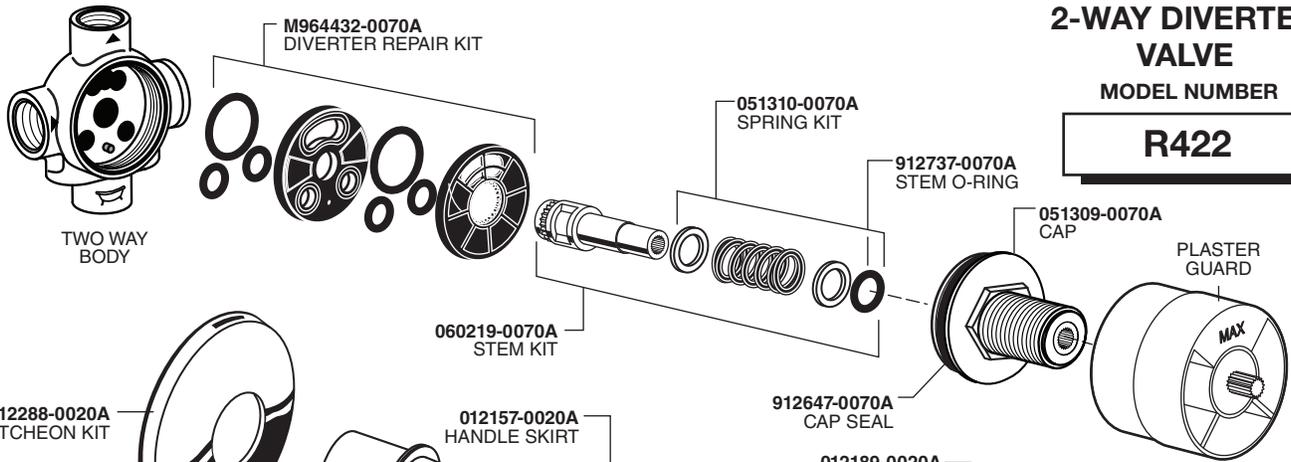
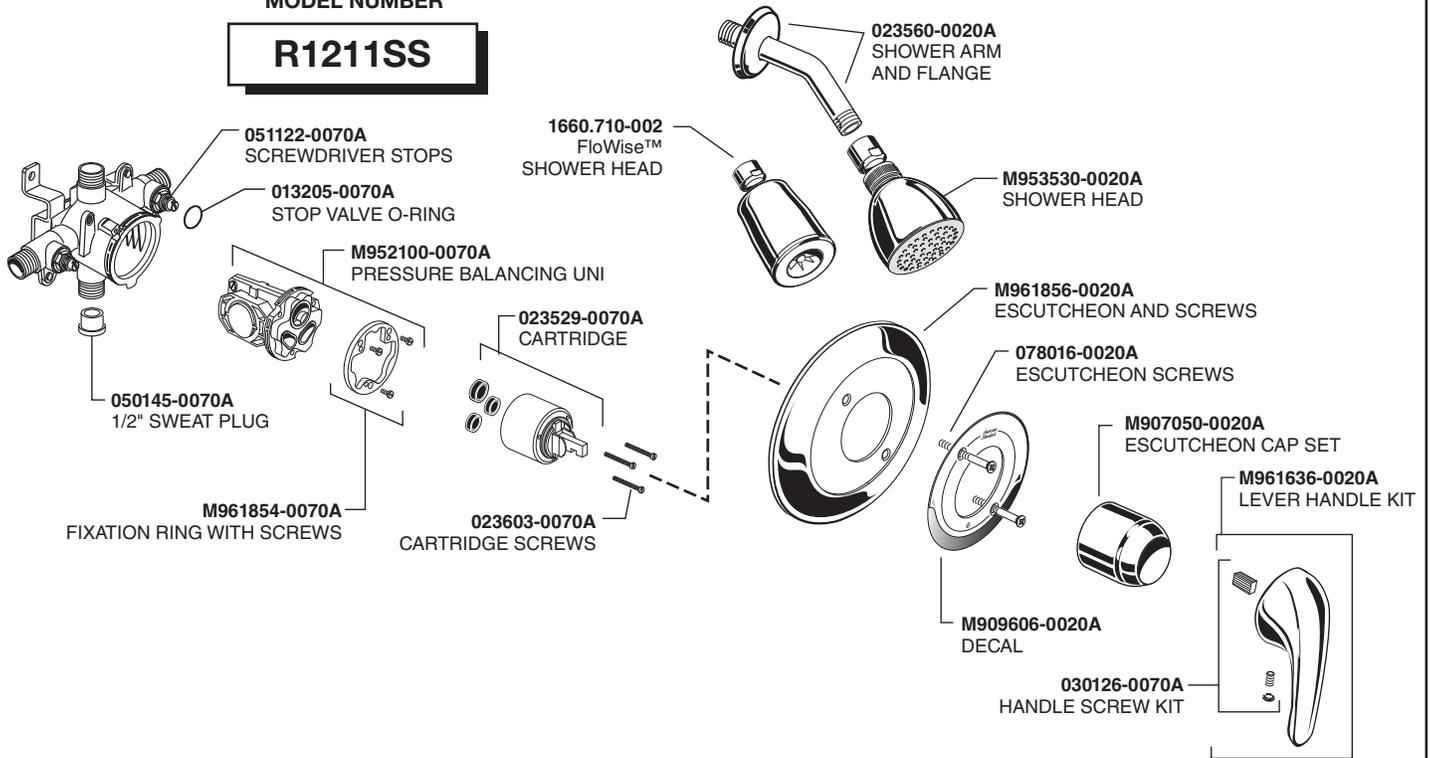
## PRESSURE BALANCE TEMPERATURE/VOLUME CONTROL VALVE

MODEL NUMBER  
**R1211SS**

## COLONY SOFT SHOWER TRIM

MODEL NUMBER

**T675.501**



## 2-WAY DIVERTER VALVE

MODEL NUMBER

**R422**

## HERITAGE HANDLE DIVERTER TRIM

MODEL NUMBER

**T342.430**

### HOT LINE FOR HELP

For toll-free information and answers to your questions, call:  
1 (800) 442-1902

Mon. - Fri. 8:00 a.m. to 8:00 p.m. EST  
Saturday 10:00 a.m. to 4:00 p.m. EST

IN CANADA 1-800-387-0369  
(TORONTO 1-905-306-1093)

Weekdays 8:00 a.m. to 7:00 p.m. EST

IN MEXICO 01-800-839-1200



012205-0070A  
COLOR RING KIT

918572-0070A  
HANDLE SCREW

PART OF **LIXIL**

# American Standard

**FIXED HAND SHOWER**  
PART NUMBER

**1660.505.002**

1660505.002  
HAND SHOWER



**3-FUNCTION HAND SHOWER**  
PART NUMBER

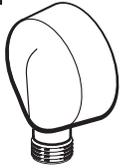
**1660.502.002**

1660502.002  
3-FUNCTION  
HAND SHOWER

**WALL SUPPLY**  
PART NUMBER

**8888.037.002**

8888037.002  
WALL SUPPLY



M962520-0020A  
CHECK VALVE

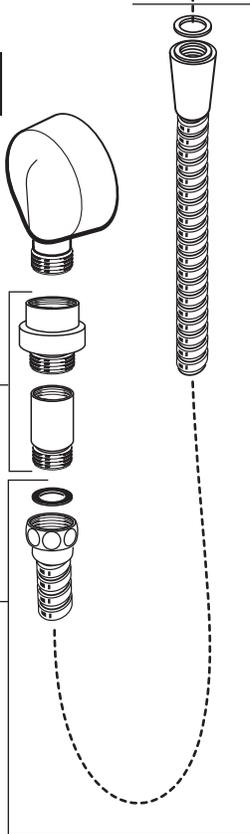


030782-0020A  
HOSE KIT

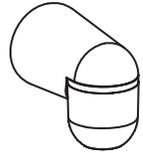


**METAL HOSE**  
PART NUMBER

**8888.035.002**



M962506-0020A  
SUPPORT BRACKET



**36" SLIDE BAR**  
PART NUMBER

**1660.236.002**

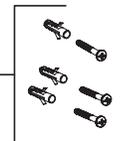
M919211-0020A  
36" SLIDE BAR



M962507-0020A  
HAND SHOWER HOLDER



M950105-0070A  
HARDWARE KIT



M962506-0020A  
SUPPORT BRACKET



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