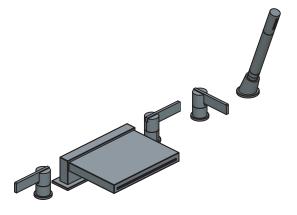


# Installation Manual For 145.2420CF

# 5-Hole Deck Mount Cascade Sheet Flow Roman Tub Filler



#### **NOTICE TO HOMEOWNER**

- We recommend that this product is installed by a qualified professional plumber.
- Please check this product immediately to ensure that it has not been damaged and is complete. Before installation, please make sure this product is the correct model and you have all the parts required for installation and use.
- Please flush the water system to ensure that no metal swarf, solder, and other imputities can enter the product.
- Turn off water supply before commencing work.
- Please read these instructions carefully and retain for future reference.

#### **BEFORE YOU BEGIN**

- You must observe all local plumbing laws and codes.
- Do not instal valve if it does not meet local plumbing codes.
- Shut off the main water supply.

UNDER DECK ACCESS PANEL IS REQUIRED FOR MAINTENANCE AND REPAIR OF DIVERTER MECHANISM AND CARTRIDGES



# Installation Manual For 145.2420CF

# 5-Hole Deck Mount Cascade Sheet Flow Roman Tub Filler

#### TABLE OF CONTENTS

OPERATING SPECIFICATIONS								3
INSTALLING THE HOT & COLD HANDLES								4
INSTALLING THE HANDLE & DIVERTER								7
INSTALLING THE CASCADE TUB FILLER	•	•	•					9
INSTALLING THE HAND SHOWER								10
INSTALLING THE HOSES								11



## **OPERATING SPECIFICATIONS**

## WATER TEMPERATURE

This product is to be used with water at a temperature range of 40°F - 120°F ONLY!

# WATER PRESSURE

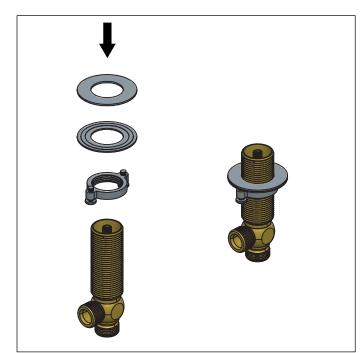
This product is to be used with a water pressure range of 15 PSI to 80 PSI ONLY

If water pressure is greater than 80 PSI, install a pressure reducer valve (PRV)

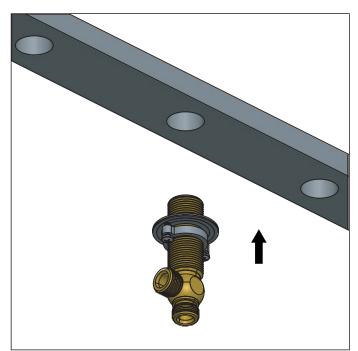
This valve meets or exceeds ANSI A112.18.1 and ASSE 1016



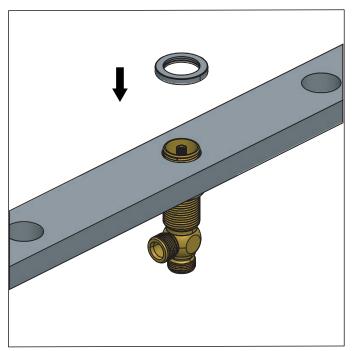
## **INSTALLING THE HOT & COLD HANDLES**



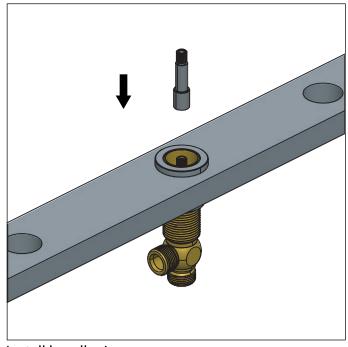
Install nut and washer onto valve



Install valve into 1-3/8" hole from below the deck



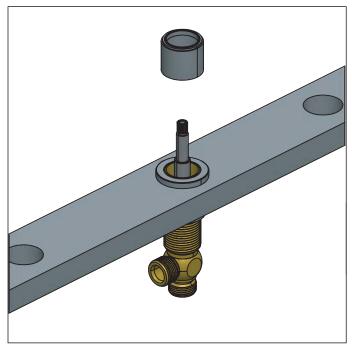
Insert trim ring



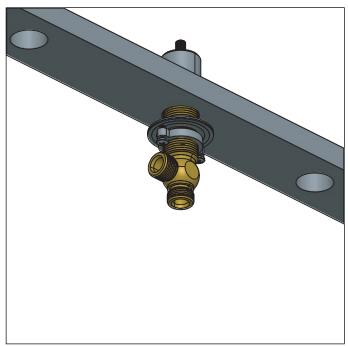
Install handle riser



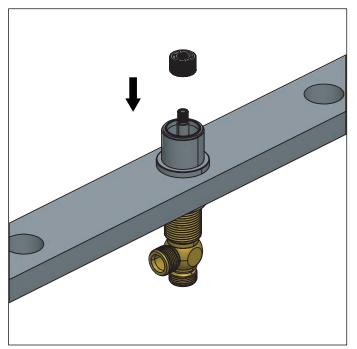
#### **INSTALLING THE HOT & COLD HANDLES**



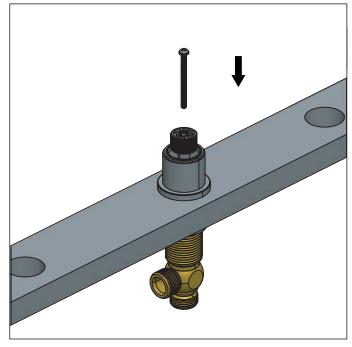
Install body from top of deck and twist to tighten



Tighten nut and washer from bottom of deck



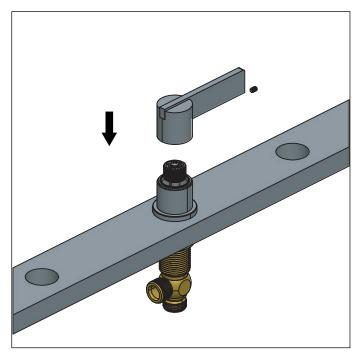
Install plastic spacer



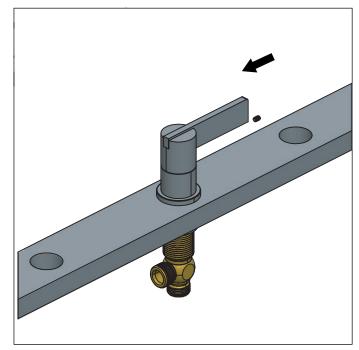
Install screw & washer and tighten



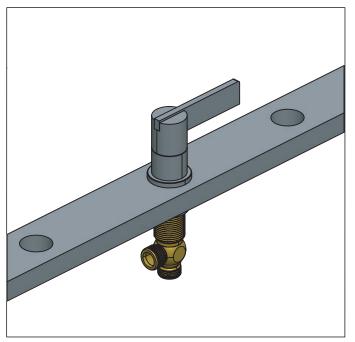
#### **INSTALLING THE HOT & COLD HANDLES**



Remove set-screw and install handle



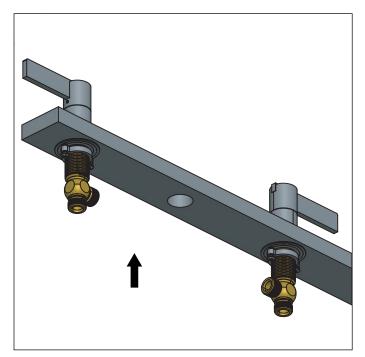
Tighten set-screw



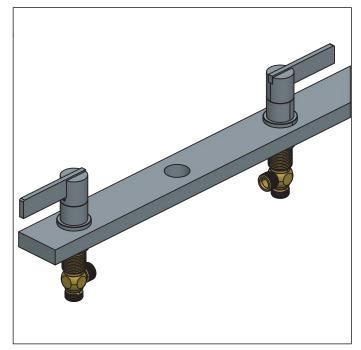
Twist to verify smooth operation



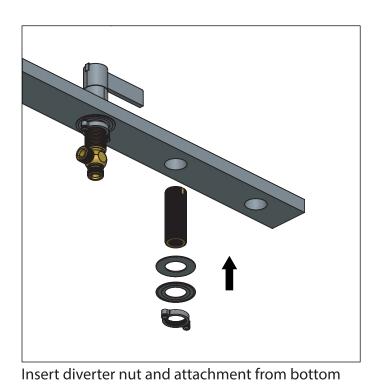
### **INSTALLING THE HANDLES & DIVERTER**

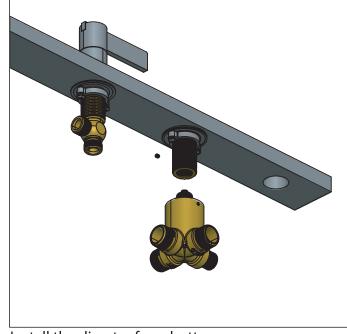


Tighten nut and washer from bottom of deck



Twist to verÿy smooth operation

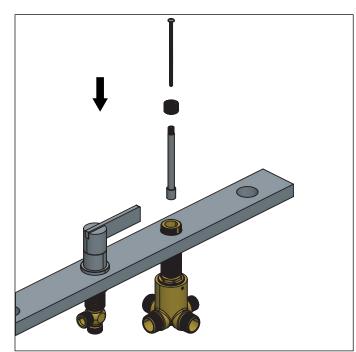




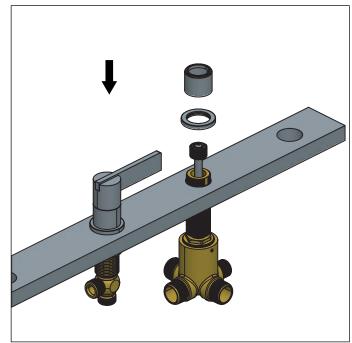
Install the diverter from bottom



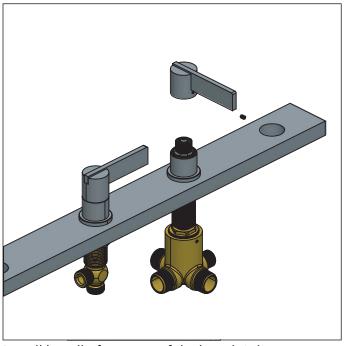
### **INSTALLING THE HANDLES & DIVERTER**



Install the screw & extension



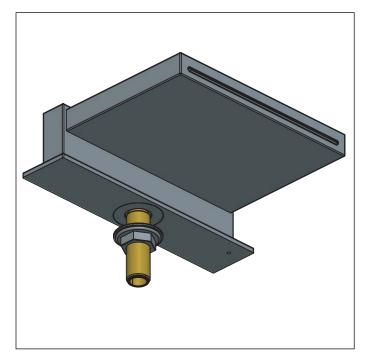
Install body from top of deck and twist to tighten

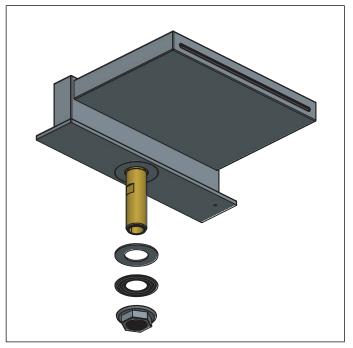


Install handle from top of deck and tighten set-screw



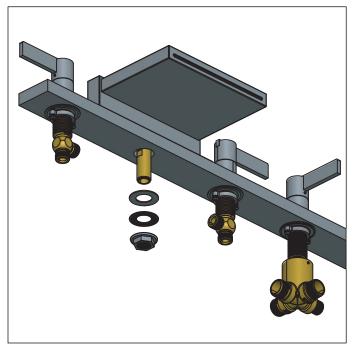
#### **INSTALLING THE TUB SPOUT**



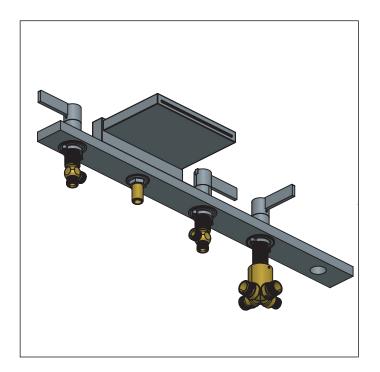


Remove components from bottom of cascade

The Cascade is seen above.

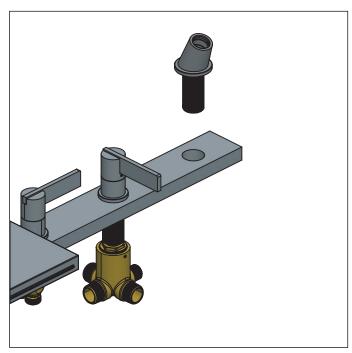


Insert Cascade into deck hole, then insert washers and tighten retaining nut

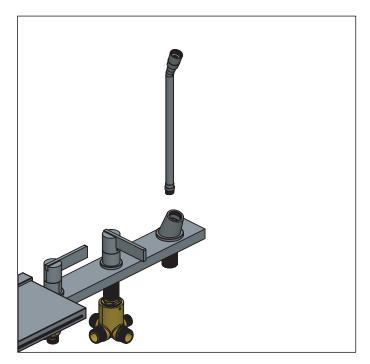




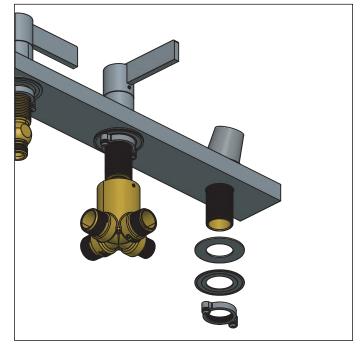
## **INSTALLING THE HAND SHOWER**



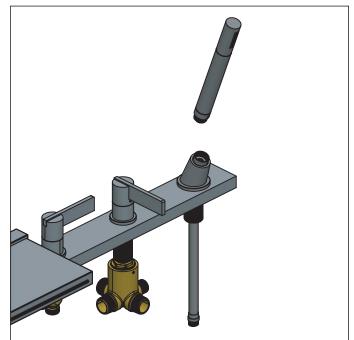
Drop hand shower deck holder into deck hole



Drop hose down through deck hole



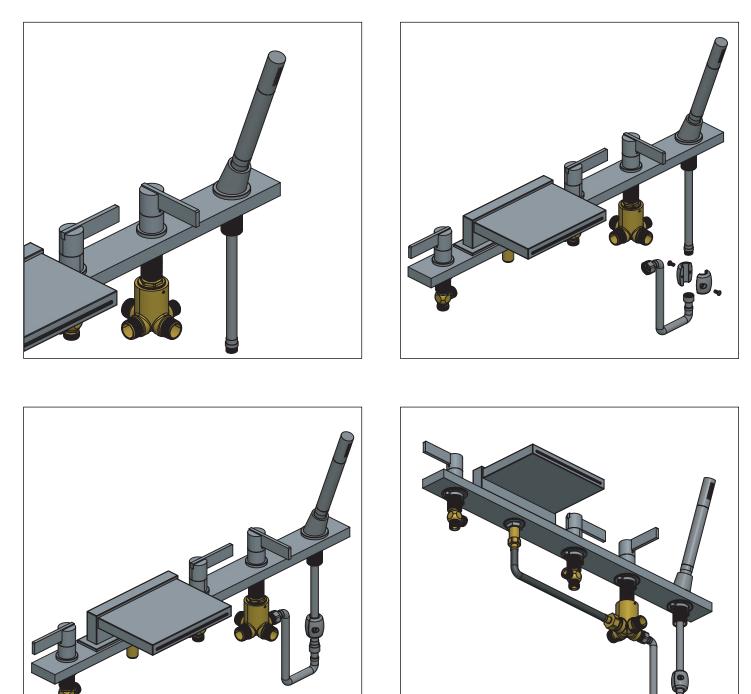
Insert & Tighten nut and washers from bottom of deck



Attach hose to hand shower



## **INSTALLING THE HOSES**

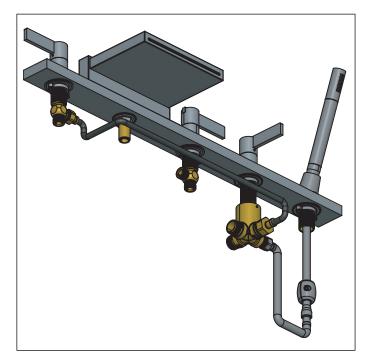


Connect hand shower hose to valve

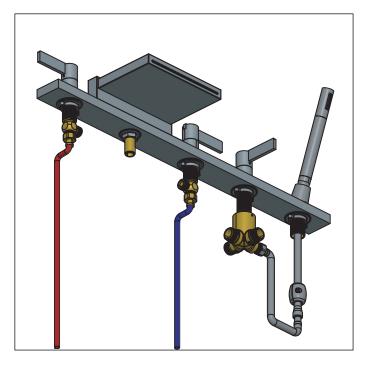
Connect Cascade to valve



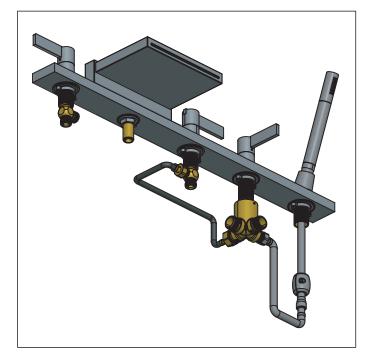
#### **INSTALLING THE HOSES**



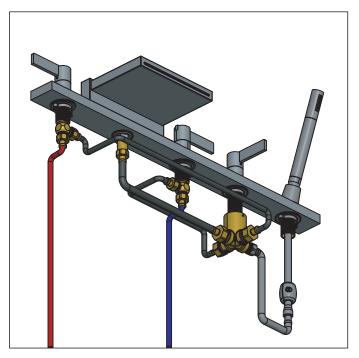
Connect hot side to diverter valve



Connect hot & cold-side connection



#### Connect cold side to diverter valve



All hoses connected seen here