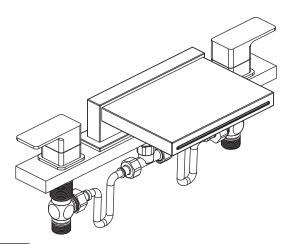


Installation Manual For 196.2410CF

3-Hole Deck Mount Cascade



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.



Installation Manual For 196.2410CF

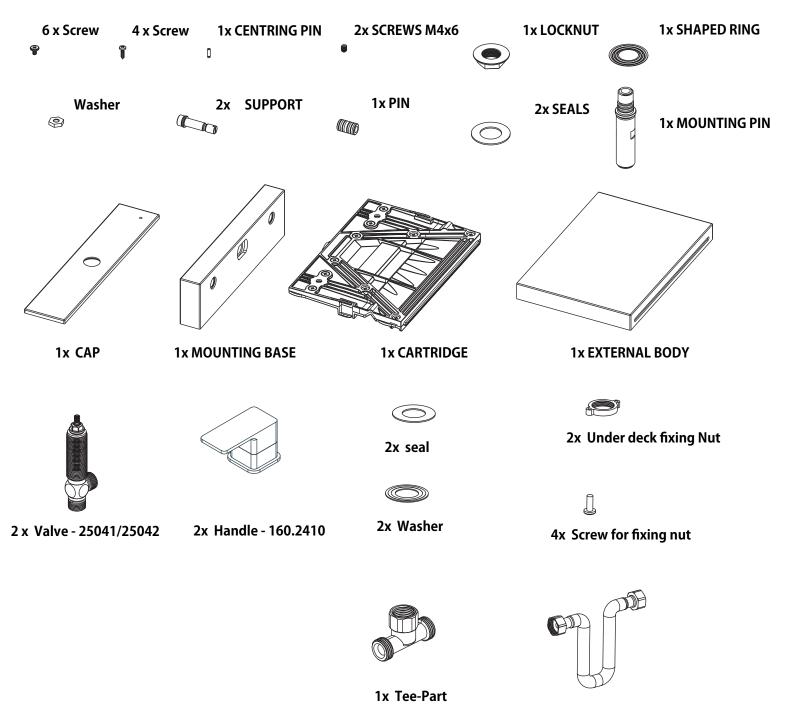
3-Hole Deck Mount Cascade

TABLE OF CONTENTS

OPERATING SPECIFICATIONS .											4
INSTALLING THE HOT & COLD H	AND	DLES									5
INSTALLING THE TUB SPOUT .		•		•	•	•					7
INSTALLING THE HOSES			•	•	•					•	8



IN THE BOX



2 x 1/2" - 1/2" Hose

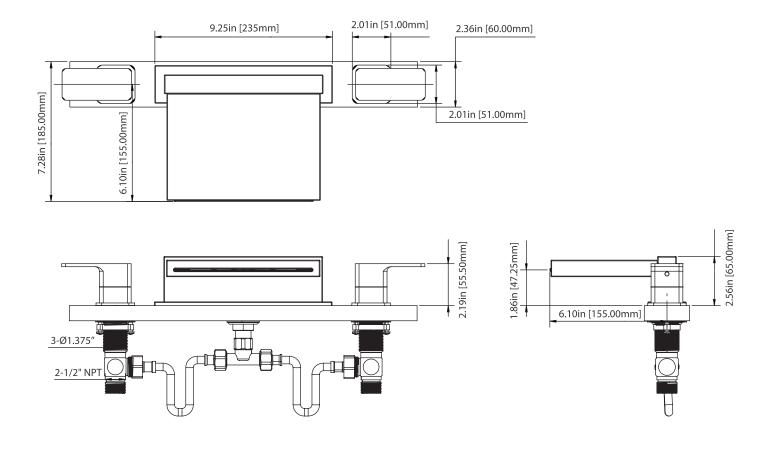


OPERATING SPECIFICATIONS

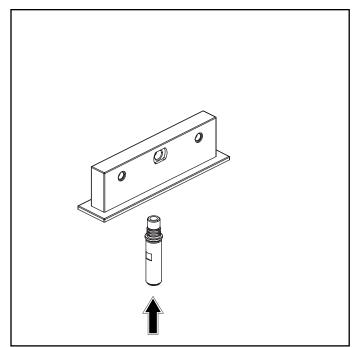
WATER TEMPERATURE	WATER PRESSURE
This product is to be used with water at a temperature range of 40°F - 120°F ONLY!	This product is to be used with a water pressure range of 15 PSI to 80 PSI ONLY If water pressure is greater than 80 PSI, install a pressure reducer valve (PRV)

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

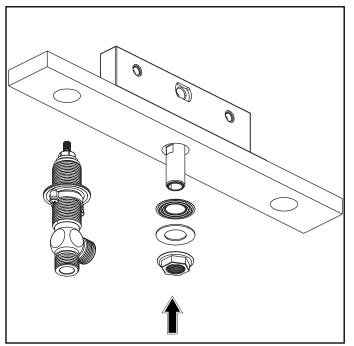
TECHNICAL DRAWING



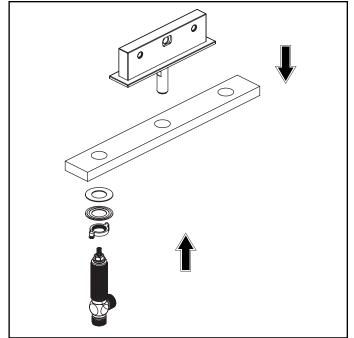




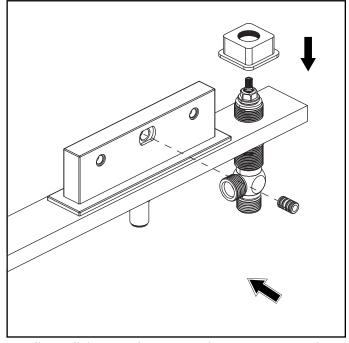
Tighten Mounting pin to mounting Base



Tighten Mounting Pin with locknut and washer, Insert valve into 1-3/8" hole from below the deck

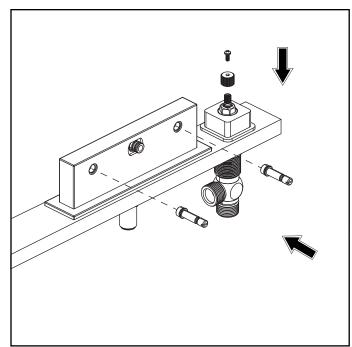


Insert nut and washeronto valve. Then insert handle extension and tighten screw.

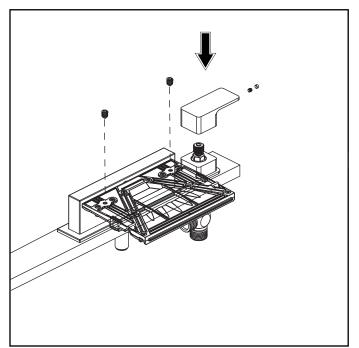


Install Handlebase and twist to tighten, Brass Pin with O-rings

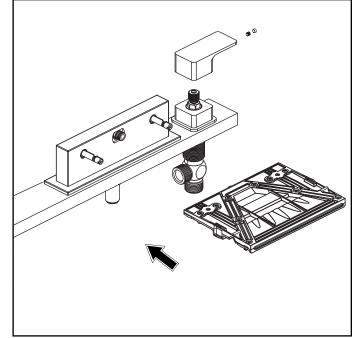




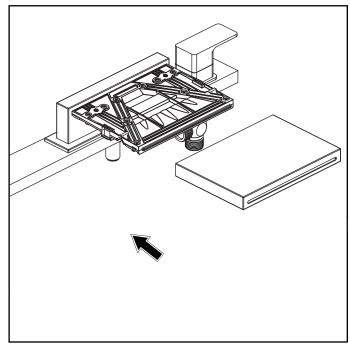
Remove plug & set -screw and Screw in Supports



Insert and Tighten Hex screw to secure Cartridge.

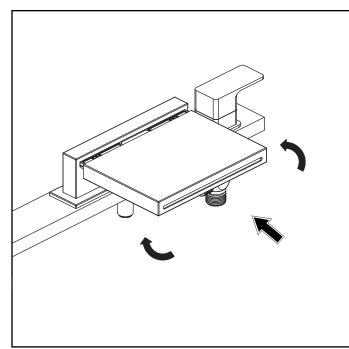


Insert handle and Cartridge

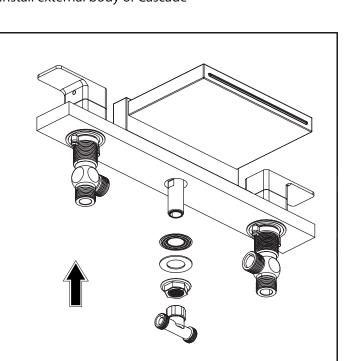


Insert External Body,

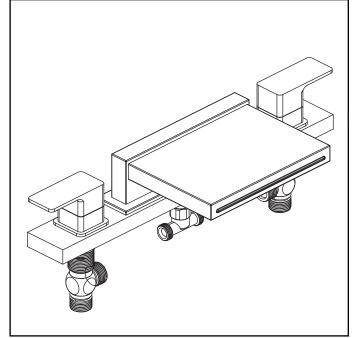




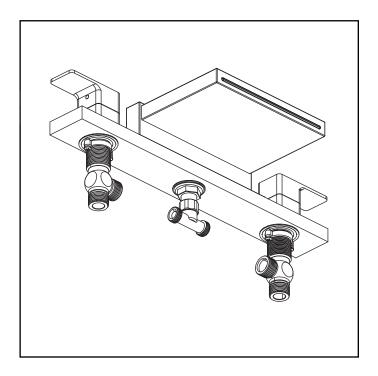
Install external body of Cascade



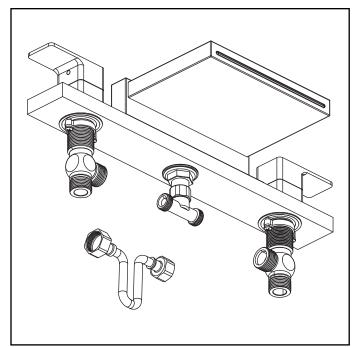
Insert spout into deck hole, then insert washer and tighten retaining nut & T-fitting



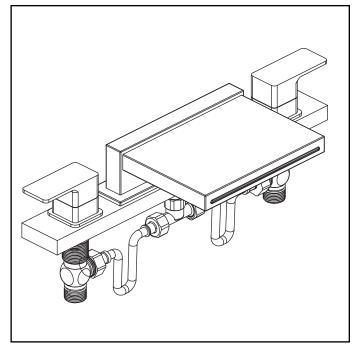
Tighten Handle or external body of cascade







Connect Hot-side connection



Connect Cold-side connection