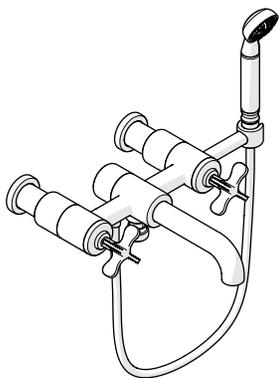


INSTALLATION GUIDELINES

WALL MOUNTED EXPOSED TUB FILLER

LUDLOW WALL MOUNTED EXPOSED TUB FILLER WITH HANDSHOWER



STYLES		
LDXT20 [SHOWN]	LD20XT	LDXT30
LD30XT		

IMPORTANT:

- To ensure this product is installed properly, you must read and follow these guidelines.
- The owner/user of this product must keep this information for future reference.
- This product must be installed by a professional licensed contractor and must be on-site prior to rough-in. This allows the installer to visualize the installation and verify the 8" [203mm] on-center inlet supply spread. The inlet supply spread on this product is **NOT** adjustable.
- Check TUB measurements to ensure the SPOUT project far enough into the TUB.
- Run 3/4" supply lines for **MAXIMUM** flow and install ACCESSIBLE hot and cold service stop valves to facilitate servicing.
- Be sure your installation conforms to all federal, state, and local codes.
 - Anti-scaled protection is the responsibility of the installer and according to applicable codes.
 - A water temperature limiting device is the responsibility of the installer and must be in accordance with ASSE 1070.
 - In the State of Massachusetts, all installations must comply with the rules and regulations set forth within 248 CMR.
- Inspect this product to ensure you have all the parts required for proper installation.
- Product is sold partially assembled but shown fully disassembled for illustrative and service purposes only.
- Use only a strap wrench or protected/smooth-jaw wrench on any finished surface.

- The use of certain plumber's putty may stain stone or tile surfaces.
- If further assistance is required, please contact Product Support at 1-800-927-2120 Monday through Friday, 8am - 6pm EST.
- Refer to the separate Service Parts Documents for available replacement parts.

TECHNICAL DETAILS:

DETAIL	SPECIFICATION
DIAMETER OF HANDSHOWER HEAD	2" [51mm]
FITTINGS HOLE DIAMETER	1-3/8" [35mm]
HANDLE TURN ANGLE	QUARTER TURN
HOSE LENGTH	60" [1.5m]
INLET CONNECTION	3/4" MALE NPT †
INLET SUPPLY SPREAD	8" [203mm] [NOT ADJUSTABLE]
INTEGRATED DIVERTER	YES
SPOUT REACH	11-11/16" [297mm]
WATER PRESSURE MAXIMUM	85psi [6.0 bar]
WATER PRESSURE MINIMUM	20psi [1.5 bar]
WATER PRESSURE RECOMMENDED	45psi [3.0 bar]

† **Style No. LD20XT** and **LD30XT** are provided with 3/4" MALE **BSPP** UNIONS. The BSPP UNIONS are packaged separately. Replacement UNIONS can be ordered separately:

- Universal 3/4" BSPP x Slip Connection Union Pair for Wall Mounted Exposed Tub Fillers.

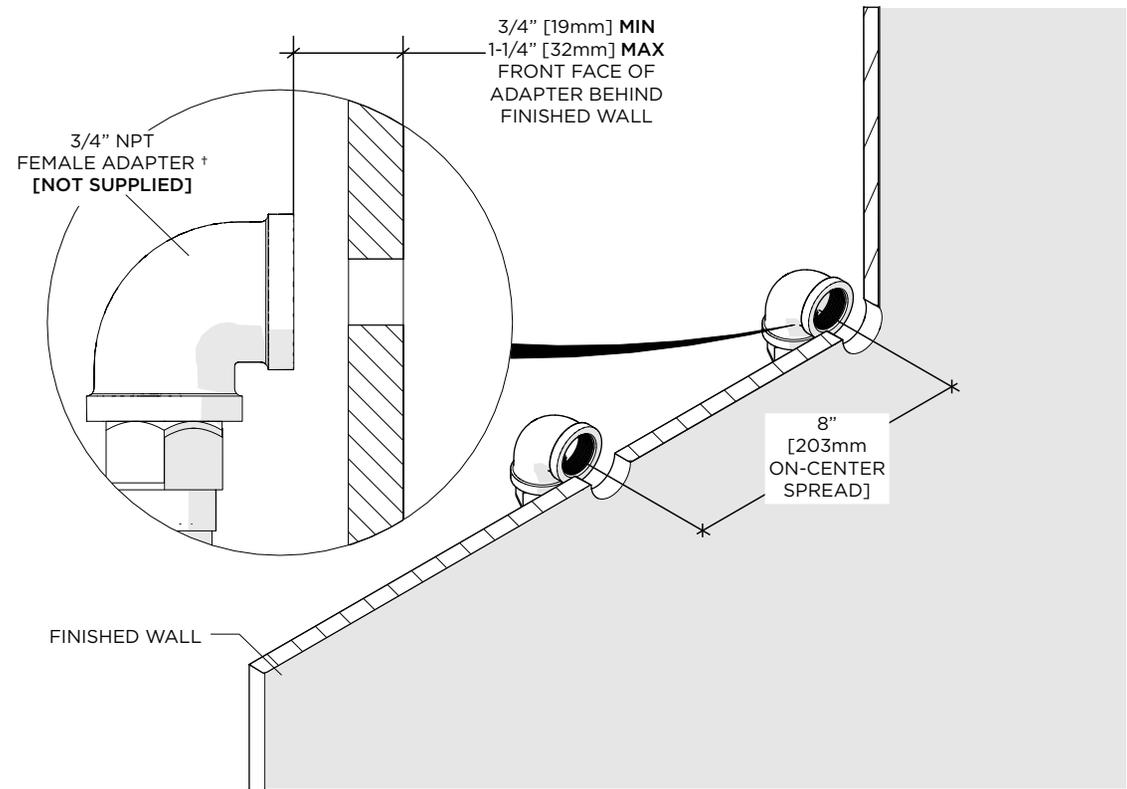
Style No. UNUKXT

INSTALLATION GUIDELINES

WALL MOUNTED EXPOSED TUB FILLER

ROUGH-IN:

- **WARNING:** The inlet supply spread of this product is **NOT ADJUSTABLE!** If the rough-in is **NOT** accurate it will make the installation difficult or impossible.
- Run well supported 3/4" hot and cold supply lines for **MAXIMUM** water flow and install 3/4" FEMALE NPT ADAPTERS[†] (not supplied) making sure the ADAPTERS are:
 - Securely anchored/strapped,
 - Level,
 - Perpendicular to finished wall,
 - Parallel to each other,
 - At the proper spread of 8" [203mm] and
 - At the appropriate and equal depths.

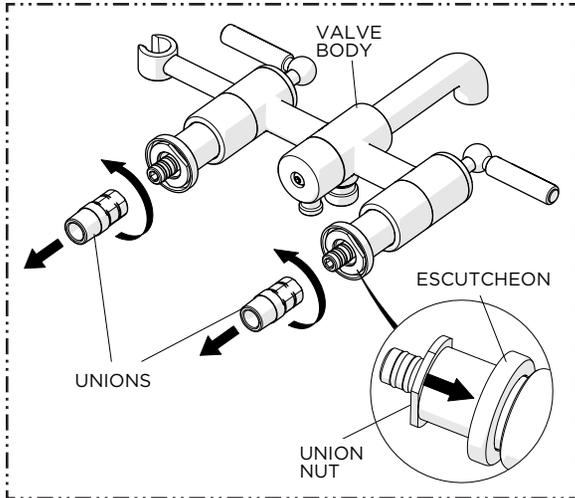


1. Verify the 8" [203mm] inlet supply spread.
2. Verify the depth of the ADAPTERS (not supplied) making sure the front face is between 3/4" [19mm] **MINIMUM** and 1-1/4" [32mm] **MAXIMUM**.
3. PROCEED TO THE TUB FILLER INSTALLATION SECTION.

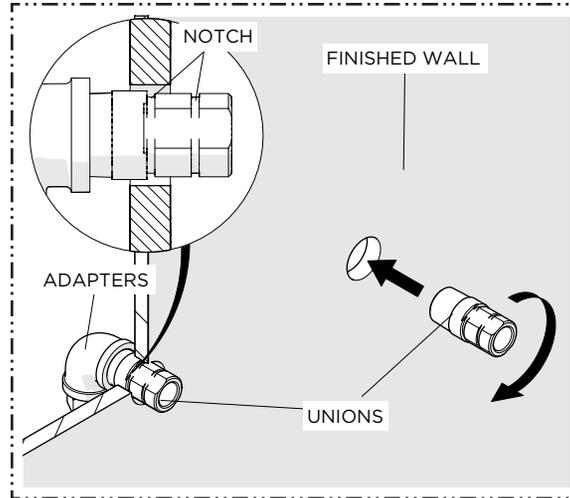
[†] Style No. LD20XT and LD30XT are provided with 3/4" MALE BSPP UNIONS.

INSTALLATION GUIDELINES

WALL MOUNTED EXPOSED TUB FILLER

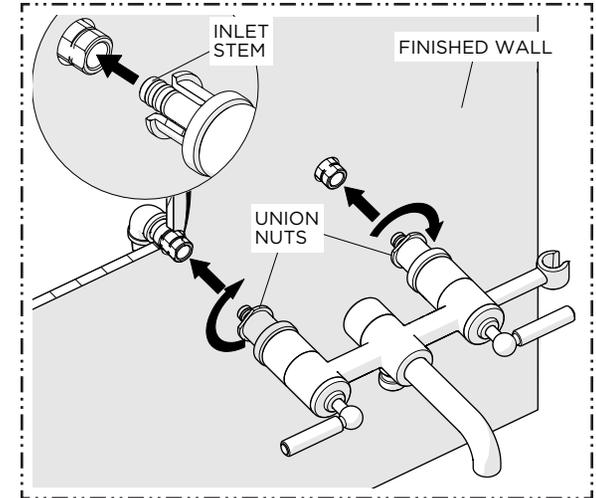


1. Unthread and remove the UNIONS from the VALVE BODY then slide the ESCUTCHEON down the POSTS to expose the UNION NUTS.

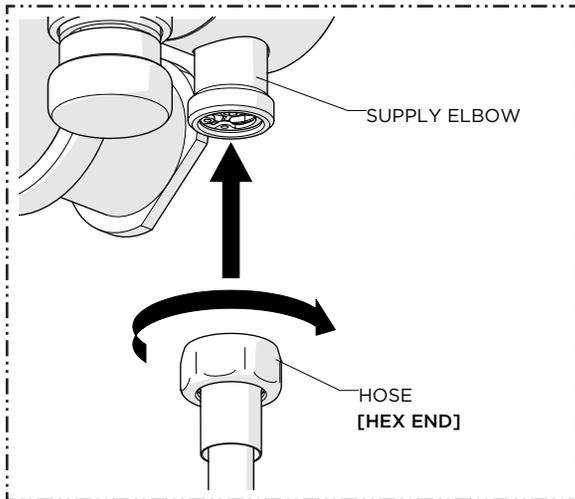


2. Thread and securely tighten the UNIONS into the ADAPTERS inside the finished wall. When installed correctly, the UNIONS should protrude from the finished wall between the **notched marks**.

NOTE: Style No. LD20XT and LD30XT are provided with 3/4" BSPP UNIONS.

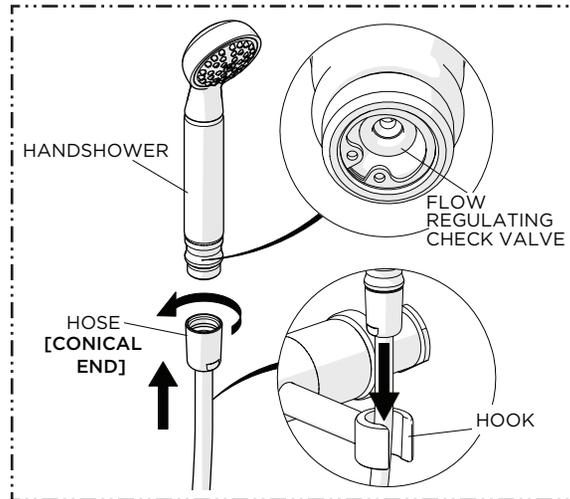


3. Insert the INLET STEMS into the UNIONS and **EVENLY** thread the UNION NUTS onto the UNIONS until they contact the finished wall.



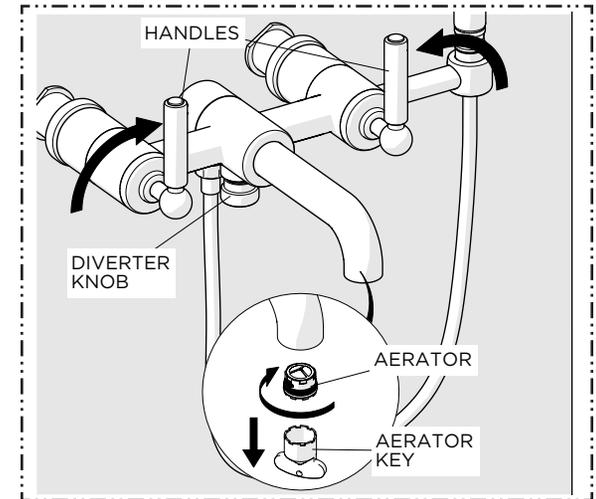
4. Thread the HEX END of the HOSE to the SUPPLY ELBOW on the VALVE BODY.

NOTE: A CHECK VALVE is located inside the outlet of the ELBOW.



5. Thread the conical end of the HOSE to the HANDSHOWER then rest the HANDSHOWER on the HOOK.

NOTE: A FLOW REGULATING CHECK VALVE is located inside the inlet of the HANDSHOWER.

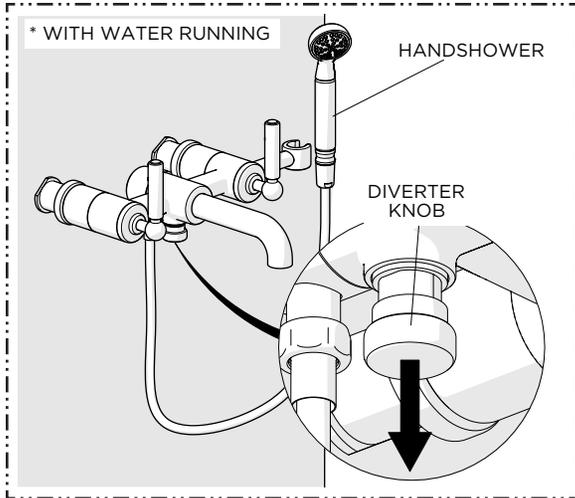


6. Remove the AERATOR using the TOOL provided then turn on the water supply and operate the HANDLES to flush out the supply lines and check all connections for leaks.

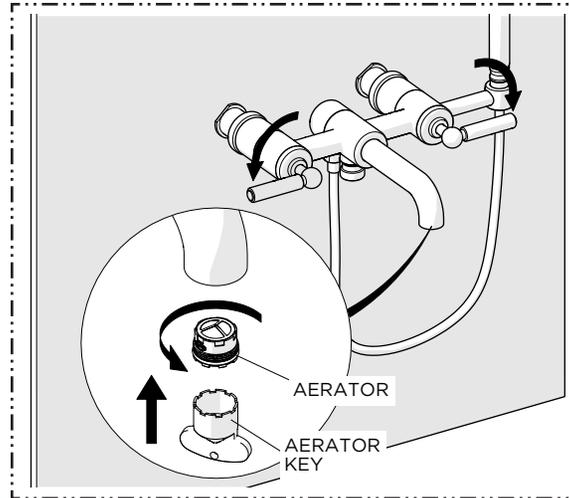
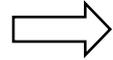
NOTE: Ensure the supply lines have been flushed before operating the DIVERTER KNOB.

INSTALLATION GUIDELINES

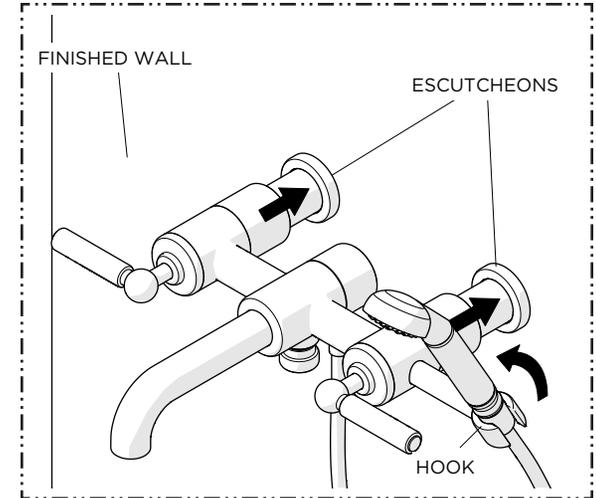
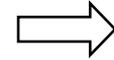
WALL MOUNTED EXPOSED TUB FILLER



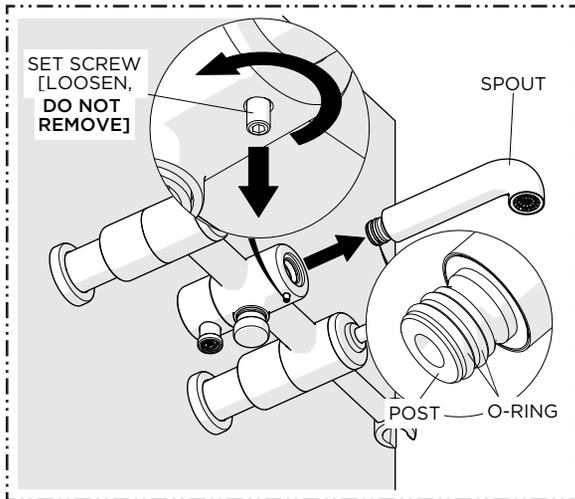
7. With water running, operate the **DIVERTER KNOB** to ensure it and the **HANDSHOWER** function properly.



8. Turn off the water then re-install the **AERATOR**.

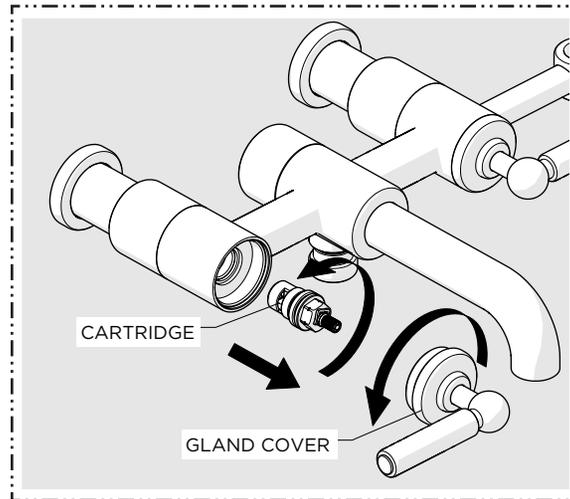
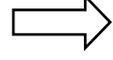


9. Rotate the **HOOK** to the desired position then slide the **ESCUTCHEONS** down the **POSTS** until they contact the finished wall.



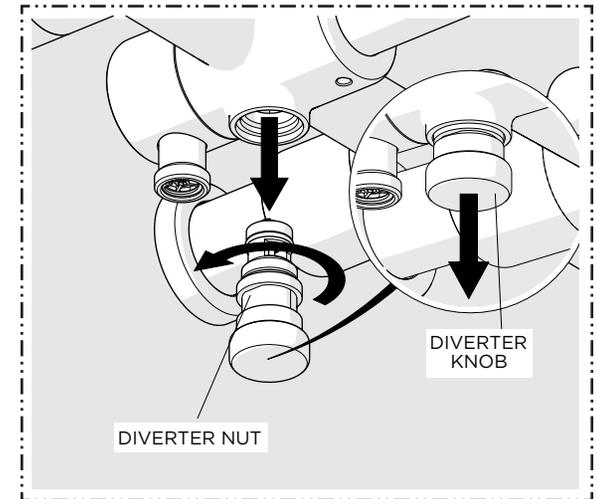
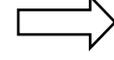
SERVICING THE SPOUT

1. Loosen, but do NOT remove, the **SET SCREW** at the base of the **VALVE BODY** then remove the **SPOUT** to expose the **POST** and external **O-RINGS**.



SERVICING THE CARTRIDGE

1. Unthread the **GLAND COVER** to remove the **HANDLE** then remove the **CARTRIDGE** using a 21/32" [17mm] shower valve socket wrench (not supplied).



SERVICING THE DIVERTER

1. Pull the **DIVERTER KNOB** to expose the **DIVERTER NUT** then unthread and remove the **DIVERTER** using a 19mm wrench.