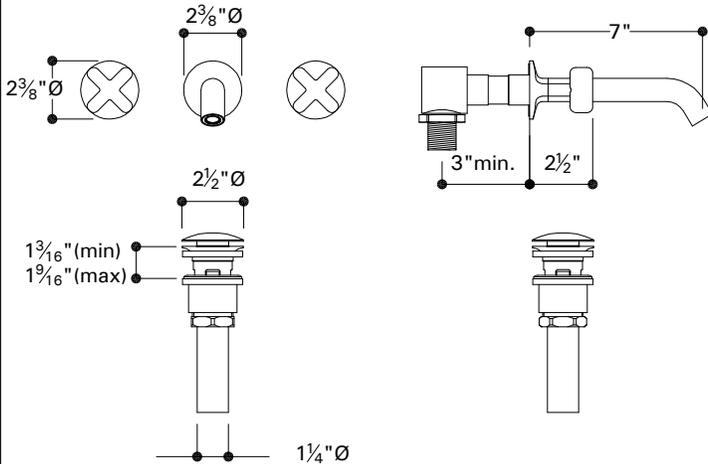


PTLS05-K (Cross Handles) & **GUSV27R** (Rough)

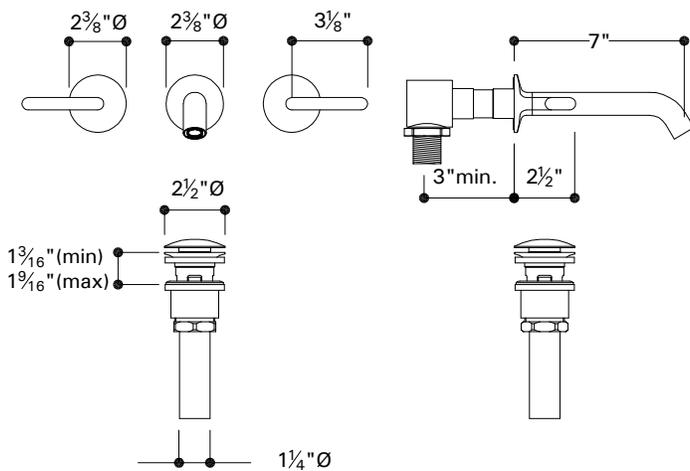


- Check countertop and sink measurements to assure the spout projects far enough into the sink.
- Inspect this product to assure you have all parts required for proper installation.
- Use only a strap wrench or protected/smooth-jaw wrench on any finished surface.
- Do NOT use putty during this installation.

ROUGH IN:

Rough in Depth: 3" minimum from center of inlets to surface of the finished wall.

PTLS06-K (Lever Handles) & **GUSV25R** (Rough)



1. Run 1/2" hot and cold supply lines. The spread between supplies is 8" on center and is NOT adjustable.
2. Install a well supported 1/2" sweat x 1/2" female IPS adapter onto each supply line.
3. Verify the supplies are secure, level, at the proper spread of 8" and equal depths.
4. Remove the nuts (6) from the faucet body inlets then pull out the inlet adapters (6a).
5. Slide the nuts over the inlet adapters and thread them into the supplies. Use a 10 mm hex wrench to tighten the adapters.
6. Align the faucet onto the supplies making sure that the o-ring (6b) does not get pinched then tighten the nuts to secure the faucet.
7. Thread a 1/2" male x 1/2" sweat adapter (23) into the faucet body. Sweat a piece of 1/2" copper pipe (24) of appropriate length onto the adapter. The copper must protrude 1" from the surface of the finished wall.
8. Verify the supplies and faucet body are secure then turn on the supplies and check for leaks.

HANDLE INSTALLATION:

9. Thread the handle trim connector (17) then the handle assembly (15) onto the trim sleeve (5) until it stops. If the escutcheon (15) contacts the wall and the handle assembly is secure, proceed to step 12.

IMPORTANT

- **To ensure this product is installed properly, you must read and follow these guidelines.**
- **The owner/user of the faucet must keep this information for future reference.**
- This faucet must be on-site prior to rough in and allows the installer to visualize the installation and match the 8" center spread.
- Be sure your installation conforms to local codes.
- Refer to the specification and assembly drawings attached. Faucet is sold partially assembled but shown fully disassembled for illustrative and service purposes only.

These guidelines have been prepared for the professional contractor to aid in the installation of: **.25 WALL MOUNTED LAVATORY FAUCET WITH CROSS HANDLES (PTLS05-K & GUSV27R) & LEVER HANDLES (PTLS06-K & GUSV25R)** All dimensions are based on origin specification and are subject to change and variation. Please consult your Design Associate for current specifications.

W A T E R W O R K S

10. Measure from the base of the escutcheon to the surface of the finished wall and note the dimension of this gap.
11. Remove the handle assembly, trim connector and trim sleeve (5). Cut the cartridge stem (4), and trim sleeve by an amount equal to the dimension obtained in step 9.
12. Thread the trim sleeve and handle trim connector back onto the valve. If the escutcheon (15) does not contact the wall, cut an additional amount off of the cartridge stem and/or the trim sleeve.
13. If desired, a bead of caulk or silicone may be applied where the escutcheon contacts the wall.
14. Hand tightening the handle assembly is adequate; if this assembly is too tight, the handle will bind.

SPOUT INSTALLATION:

15. Unpack the spout and verify the spout adapter (1) is threaded completely into the spout.
16. To verify alignment of the spout and adapter, make a mark at 12:00 that extends from the spout onto the adapter.
17. Unthread the adapter from the spout then slide the adapter onto the copper. The face of the adapter should NOT extend more than 1/4" off the face of the finished wall.
18. After verifying fit, make sure the mark made in step 16 remains at 12:00 then sweat the adapter onto the copper. If it is not aligned, the spout will not thread on completely and cause a leak or not align properly so the tip points down at 6:00.
19. Allow the adapter to cool then slide the escutcheon onto the adapter.
20. Thread the spout onto the adapter making sure the washer (22) is in place.

DRAIN INSTALLATION

Note: This faucet does not use a lift rod to operate the drain stopper. Instead, it uses a simple pop-up drain that is closed and opened by pushing down on the stopper.

21. Remove the upper collar from the pop-up drain assembly and discard the upper gasket.
22. Set the upper collar in the lavatory drain opening using a clear adhesive silicone.
23. Re-attach the lower drain assembly using the gasket provided then tighten until fully secured. A clear adhesive silicone may be used to ensure a water-tight seal between the gasket and lavatory.
24. Attach the tail piece using the gasket provided.

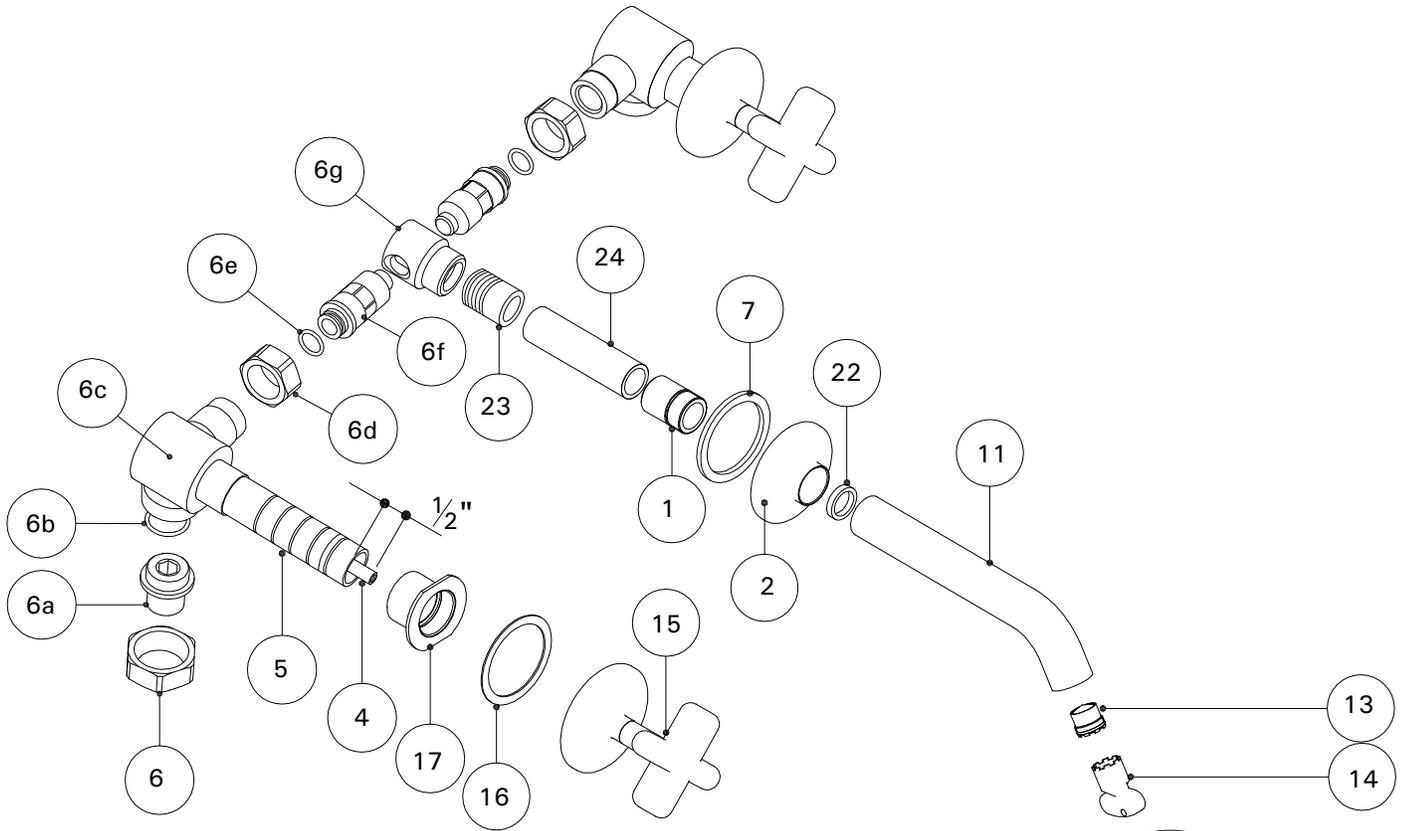
INSPECT THE INSTALLATION

25. Remove the flow restrictor assembly (13) from the spout using the tool provided. Carefully open the hot and cold valves to flush out any debris in the supply lines.
26. Inspect all connections for leaks. Reinstall the flow restrictor assembly.
27. Push down on the drain stopper to close the drain then fill the sink with water to make sure the stopper operates and seals properly.
28. Push down on the stopper to open the drain. If the stopper has to be removed, simply pull up on the stopper which will also remove the strainer.

If further assistance is required, please contact Product Support at 1-800-927-2120 (8am-7pm EST)

These guidelines have been prepared for the professional contractor to aid in the installation of:
.25 WALL MOUNTED LAVATORY FAUCET WITH CROSS HANDLES (PTLS05-K & GUSV27R) & LEVER HANDLES (PTLS06-K & GUSV25R) All dimensions are based on origin specification and are subject to change and variation. Please consult your Design Associate for current specifications.

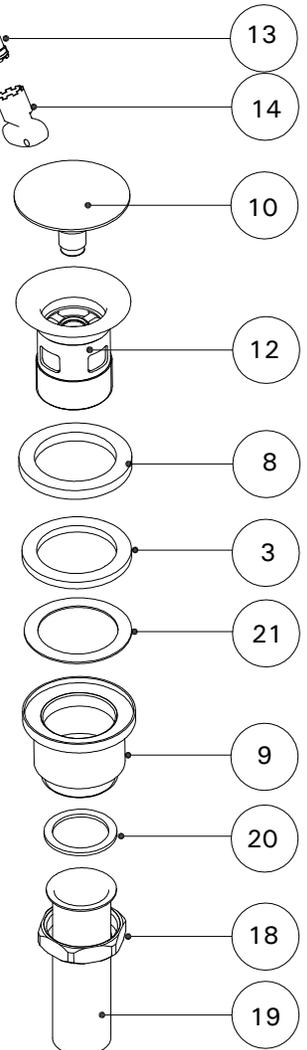
W A T E R W O R K S



PARTS TABLE		
ITEM NO.	DESCRIPTION	QTY.
1	SPOUT ADAPTER	1
2	SPOUT ESCUTCHEON	1
3	BOTTOM GASKET	1
4	VALVE STEM	2
5	THREADED SLEEVE	2
6	NUT	2
6a	INLET ADAPTER	2
6b	O-RING	2
6c	VALVE BODY	2
6d	UNION	2
6e	O-RING	2
6f	COUPLING	2
6g	SPOUT TEE	1
7	GASKET	1
8	TOP GASKET	1
9	DRAIN ADAPTER	1
10	POP-UP	1
11	SPOUT	1
12	DRAIN COLLAR	1
13	FLOW RESTRICTOR	1
14	RESTRICTOR TOOL	1
15	HANDLE	2
16	GASKET	2
17	HANDLE TRIM CONNECTOR	2
18	TAILPIECE NUT	1
19	TAILPIECE	1
20	TAILPIECE WASHER	1
21	WASHER	1
22	SPOUT WASHER	1

NOTE:

23- 1/2" male ips x 1/2" sweat adapter - not supplied
 24- 1/2" copper pipe - not supplied



These guidelines have been prepared for the professional contractor to aid in the installation of:
.25 WALL MOUNTED LAVATORY FAUCET WITH CROSS HANDLES (PTLS05-K & GUSV27R) & LEVER HANDLES (PTLS06-K & GUSV25R) All dimensions are based on origin specification and are subject to change and variation. Please consult your Design Associate for current specifications.

W A T E R W O R K S