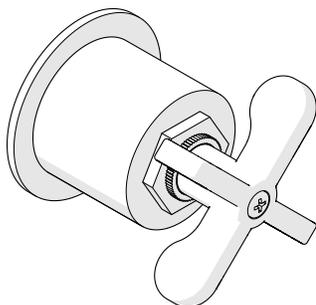
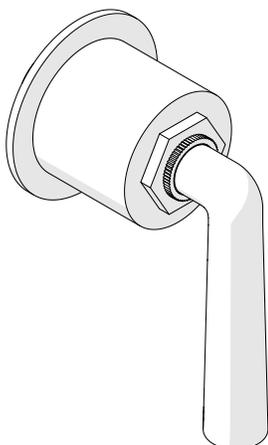


Metal Cross Handle
Style No. HNVC40
Code No. HNSV40



Metal Lever Handle
Style No. HNVC50
Code No. HNSV50



SPECIFICATIONS:

Fitting Hole Diameter: 1-3/8"

Volume Control Valve Rough-In Depth:
GUV16 or GUV17: 2-3/8" MIN - 3-3/8" MAX

2-Way or 3-Way Diverter with Shutoff Valve Rough-In
Depth (For Thermostatic Systems):
GUDV14 or GUDV66: 2-1/2" MIN - 4-1/8" MAX

2-Way or 3-Way Diverter without Shutoff Valve Rough-
In Depth (For Pressure Balance Systems):
GUDV23 or GUDV65: 3-1/8" MIN - 3-5/8" MAX

REQUIRED PLUMBING DETAILS:

Universal 3/4" Volume Control Valve (Clockwise Close)

STYLE No. GUV16
CODE No. GUSV16R

Universal 3/4" Volume Control Valve (Counterclockwise
Close)

STYLE No. GUV17
CODE No. GUSV17R

Universal 2-Way Diverter with Shutoff Valve

STYLE No. GUDV14
CODE No. GUSV14R

Universal 2-Way Diverter without Shutoff Valve

STYLE No. GUDV23
CODE No. GUSV23R

Universal 3-Way Diverter with Shutoff Valve

STYLE No. GUDV66

Universal 3-Way Diverter without Shutoff Valve

STYLE No. GUDV65

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.
- Be sure your installation conforms to federal state, and local codes. In the State of Massachusetts, all installations must comply with the rules and regulations set forth within 248 CMR.
- This product must be installed by a professional licensed contractor and must be onsite prior to rough-in, this allows the installer to visualize the installation.
- Wall valves control on/off/volume and must be installed for each fitting that will have water flowing to it. If using a wall valve with the Universal 3/4" Thermostatic Valve (Style No. GUTH37R), refer to the Installation Guidelines for the Thermostatic Valve which contains related installation information.
- Inspect this product to ensure you have all the parts required for proper installation.
- Use only a strap wrench or protected/smooth-jaw wrench on any finished surface.
- DO NOT use putty on fittings.

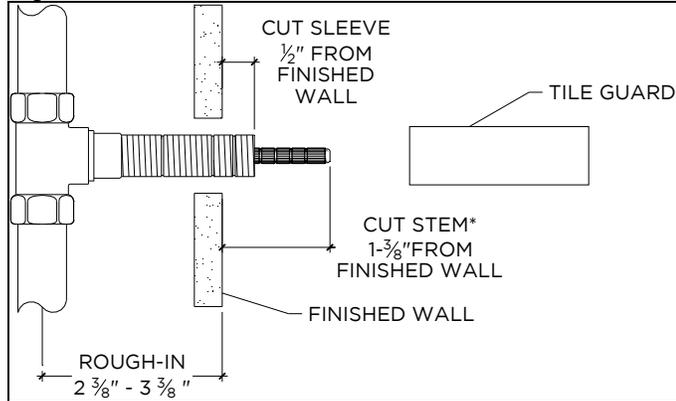
CONTROL VALVE TRIM INSTALLATION WITH VOLUME CONTROL VALVES GUV16R/17R:

- See Figure - 01 for steps 1 & 2
- 1. Pull the tile guard off the threaded sleeve from the wall valve rough. Mark the threaded sleeve at the finished wall. Unthread the sleeve and cut 1/2" in front of the mark.
- 2. Mark the cartridge stem at the wall, then unthread the cartridge from the valve body. Cut the cartridge stems 1-3/8" in front of the mark.
- 3. After the cuts have been made, thread cartridge and handle sleeve back onto valve body.

These guidelines have been prepared for the professional contractor to aid in the installation of:
HENRY VOLUME CONTROL VALVE TRIM WITH METAL CROSS HANDLE (STYLE# HNVC40) &
METAL LEVER HANDLE (STYLE# HNVC50)
All dimensions are based on original specification and are subject to change and variation.
Please consult your Design Associate for current specifications.
SEE SERVICE PART DOCUMENT FOR PART ORDERING, AVAILABLE ON WATERWORKS.COM

WATERWORKS

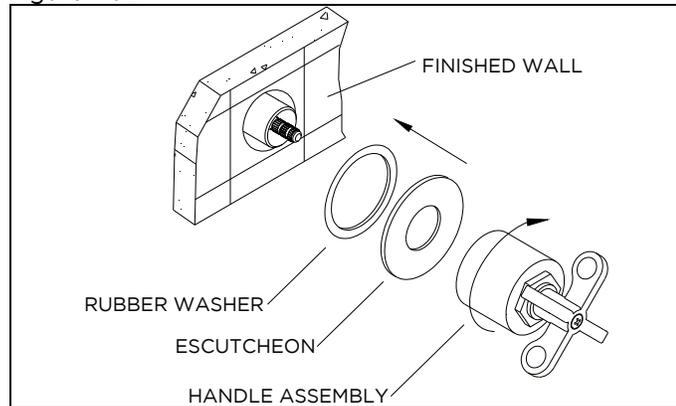
Figure - 01



➤ See Figure - 02 for step 4

- Pass the escutcheon, with rubber washer behind it, over the cut threaded sleeve. Hold the escutcheon against the wall and thread the handle assembly onto the threaded sleeve, making sure the escutcheon is centered and handle is in the correct orientation.

Figure - 02

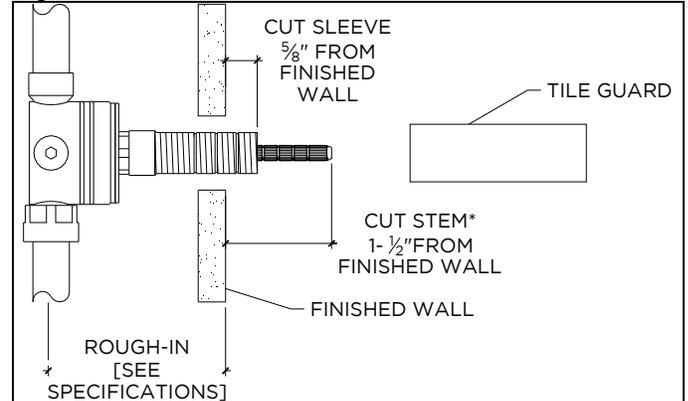


CONTROL VALVE TRIM INSTALLATION WITH 2- WAY or 3-WAY DIVERTER CONTROL VALVES GUDV14R/23R/65/66:

➤ See Figure - 03 for steps 5, 6 & 7

- Pull the tile guard off the threaded sleeve on the diverter valve rough. Mark the threaded sleeve at the finished wall. Unthread the sleeve and cut 5/8" in front of the mark.
- Mark the cartridge stem at the wall, then unthread the cartridge from the valve body. Cut the cartridge stems 1-1/2" in front of the mark.
- After the cuts have been made, thread cartridge and handles sleeves back onto valve body.

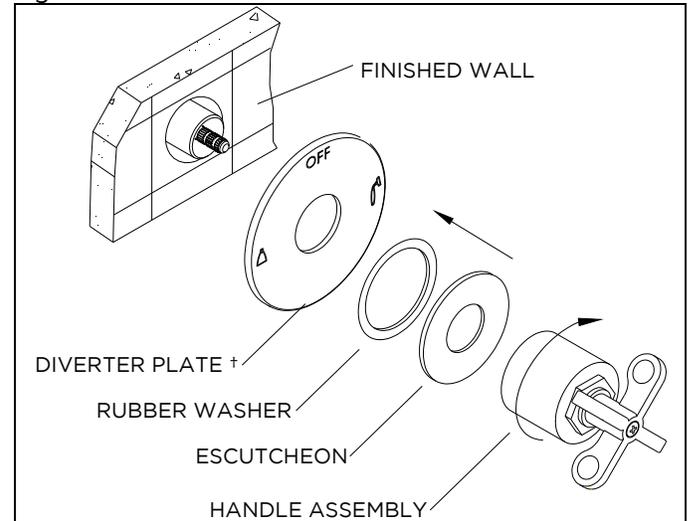
Figure - 03



➤ See Figure - 04 for step 8

- Hold the diverter plate[†] (SOLD SEPARATELY) and escutcheon, with rubber washer behind it, up to wall and thread the handle assembly onto the threaded sleeve, making sure the diverter plate & escutcheon are centered and handle is in the correct orientation.

Figure - 04



[†] Diverter Plates Sold Separately. (2-Way Thermostatic Plate Shown).

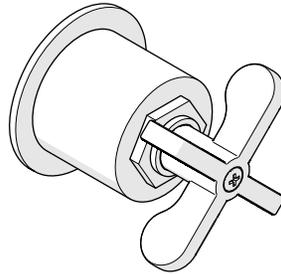
- Installation with a rough-in depth greater than the Maximum (indicated in the specification section) requires extension kit WWPSV01.
- If required, a 1" stem extension is available
Style No. 890831
Item No. 29-72873-53591
- If further assistance is required, please contact Product Support at 1-800-927-2120 (8am-6pm EST).
- See service part document for parts ordering, available on WATERWORKS.COM.

These guidelines have been prepared for the professional contractor to aid in the installation of: HENRY VOLUME CONTROL VALVE TRIM WITH METAL CROSS HANDLE (STYLE# HNV40) & METAL LEVER HANDLE (STYLE# HNV50)
All dimensions are based on original specification and are subject to change and variation. Please consult your Design Associate for current specifications.
SEE SERVICE PART DOCUMENT FOR PART ORDERING, AVAILABLE ON WATERWORKS.COM

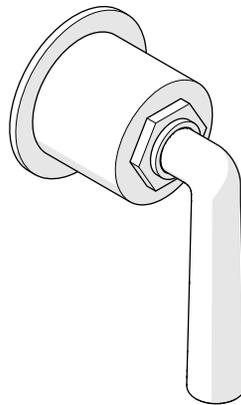


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WATERWORKS SERVICE PARTS



STYLE HNVC40
Henry Volume Control Valve Trim
with Metal Cross Handles



STYLE HNVC50
Henry Volume Control Valve Trim
with Metal Lever Handles

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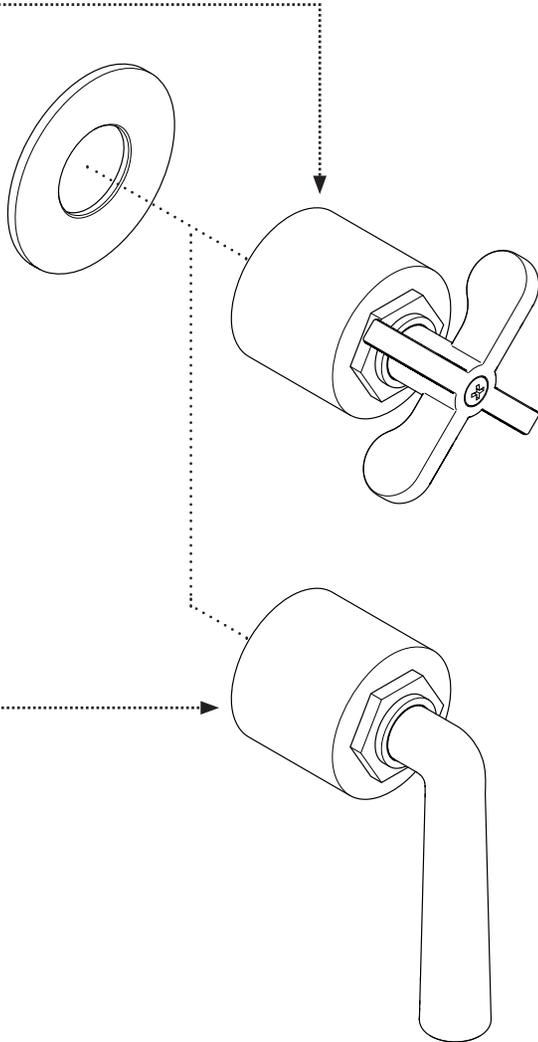
MAIN KITS

STYLES: HNVC40, HNVC50

103717*
CROSS HANDLE

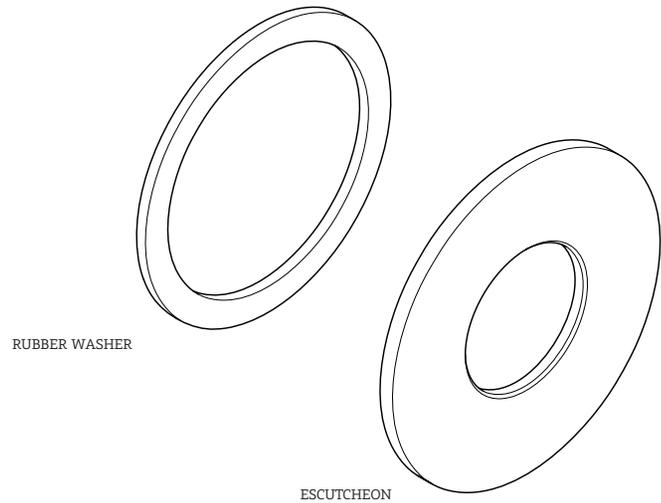
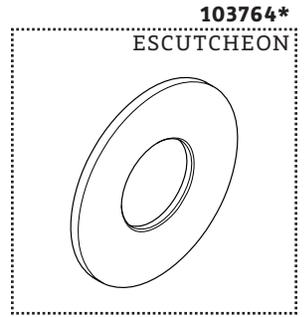
103764*
ESCUTCHEON

103713*
LEVER HANDLE



*FINISH/COLOR MUST BE SPECIFIED WHEN ORDERING
++SUPPLIED AS A PAIR

KIT COMPONENTS





ESTB. 1978

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SERVICE PARTS INDEX

STYLES: HNVC40, HNVC50

<u>STYLE</u>	<u>DESCRIPTION</u>	<u>PG</u>
103717*	CROSS HANDLE	2
103764*	ESCUTCHEON	3
103713*	LEVER HANDLE	2

*FINISH/COLOR MUST BE SPECIFIED WHEN ORDERING
++SUPPLIED AS A PAIR

NOTES

DOCUMENT: SPHN08_REV01



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