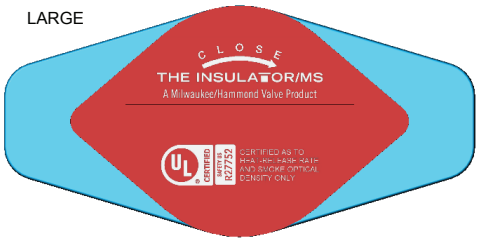
THE INSULATOR/MS**

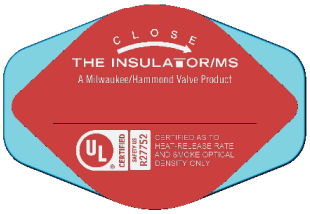
Hammond Valve's insulated extension handle is designed to prevent condensation and other extraneous moisture from entering your insulated piping system, while also minimizing thermal energy loss from the system via metal extension tubes, levers, and similar parts.

Our handle design incorporates a unique memory stop feature that requires no disassembly or removal of the handle to engage and make adjustments.

LARGE



SMALL



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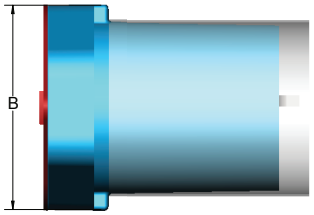
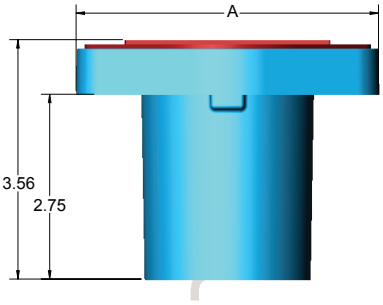




Bill of Material

QTY.	DESCRIPTION	MATERIAL
1	HOUSING	FIRE RESISTANT ABS
1	SLEEVE	FIRE RESISTANT ABS
1	CAP	POLYETHYLENE
1	INSULATION INSERT	POLYSTYRENE
1	SHIELD	PLASTIC SLEEVE
1	LOCK WASHER	SS
1	STOP PLATE & SCREWS	SS
1	MEMORY STOP ASSEMBLY	SS

	PART #	SIZE(S)	VALVE *
Small	TIH-C1-940	1/4", 3/8"	8901 / 8911 / BA-480B / BA-490B Series
	TIH-D-940	1/4", 3/8", 1/2"	8501 / 8511 / 8301A / 8311A Series
A - 4.50	TIH-F-940	1"	8501 / 8511 Series
		3/4"	8501 / 8511 / 8301A / 8311A Series
B - 3.06	TIH-H1-940	1/2", 3/4", 1", 1 1/4", 1 1/2"	8901 / 8911 / BA-480B / BA-490B Series
Large	TIH-J-940	2"	8501 / 8511 Series
A - 7.00		1 1/4", 1 1/2"	8501 / 8511 / 8301A / 8311A Series
		1"	8301A / 8311A Series
B - 3.44	TIH-J1-940	2"	8901 / 8911 / BA-480B / BA-490B Series
	TIH-K-940	2"	8301A / 8311A Series

Rev. 4

To order factory assembled to the valve use suffix TIH (Threaded Only)
Milwaukee Valve will not factory install (TIH) handle on solder end valves.
*Will fit our equivalent Ultrapure Low Lead Valves.
**The Insulator/MS Handle for the three piece valve will be available soon.
Please consult factory for delivery.

HAMMONDVALVE

THE INSULATOR/MS*

CAP

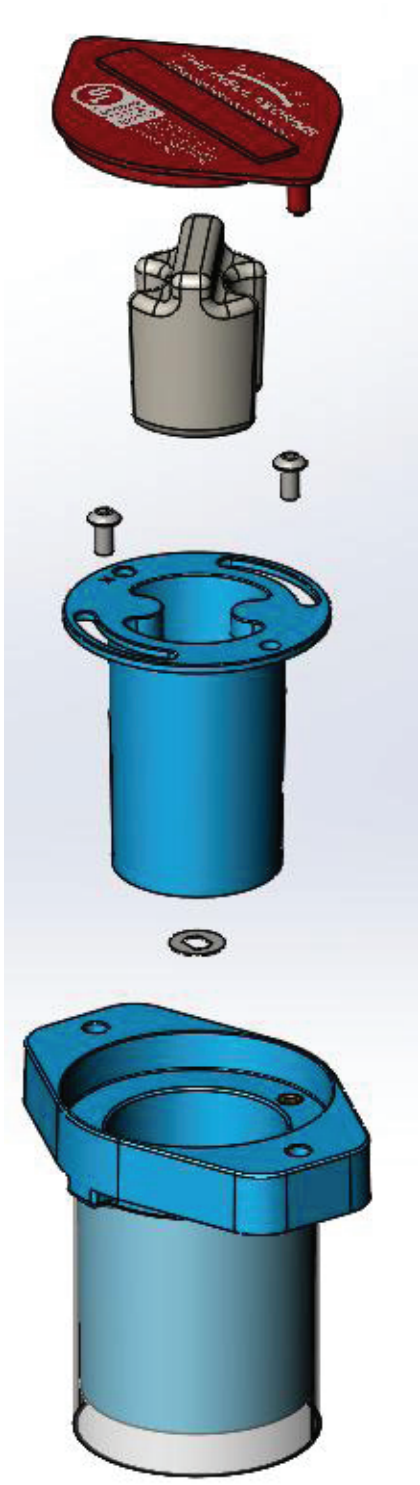
INSULATION INSERT

BUTTON HEAD SCREWS

SLEEVE

WASHER

HOUSING



* To order factory assembled to the valve use suffix TIH (Threaded Only) Milwaukee Valve will not factory install (TIH) handle on solder end valves.

HAMMONDVALVE

THE INSULATOR/MS

INSTALLATION INSTRUCTIONS

1. Cycle valve clockwise to close position.
2. Remove valve handle nut and handle, note orientation of handle stops. Set handle nut aside for later use.
3. Remove isolation handle cap, set aside.
4. Remove isolation handle insulation insert, set aside.
5. Loosen and remove the (2) isolation handle button head SCS using a 1/8” Allen wrench, set aside.
6. Remove the isolation handle sleeve, set aside.
7. Assemble isolation handle housing to valve stem (ensure isolation handle shield is placed around isolation handle housing), orientate stop position the same as handle was in step 2.
8. Assemble handle nut to stem to hold housing in place. Use the included washer, if needed, for a secure fit between isolation handle housing and handle nut.
9. Isolation handle sleeve assembly
    a. Non-memory stop setting
        i. Assemble isolation handle sleeve into housing. Locate “X” on isolation handle sleeve with “X” on isolation handle housing.
        ii. Assemble (2) isolation handle button head SCS using a 1/8” Allen wrench. Tighten snug, do not over tighten.
    b. Memory stop setting
        i. Assemble isolation handle sleeve into housing. Locate “X” on isolation handle sleeve with “X” on isolation handle housing.
        ii. Rotate sleeve clockwise until memory slot is located above threaded insert
        iii. Assemble (2) isolation handle button head SCS using a 1/8” Allen wrench. Do not tighten.
        iv. Rotate isolation handle housing to open valve to desired memory location.
        v. Rotate isolation sleeve counterclockwise until the isolation handle plunger hits the valve stop.
        vi. Tighten snug, do not over tighten (2) isolation handle button head SCS using a 1/8” Allen wrench. The memory stop is now set.
10. Assemble isolation handle insulation insert.
11. Assemble isolation handle cap.

HAMMONDVALVE