

**SAVING AMERICA'S ENERGY
SINCE 1966**

Type 7 Thermostatic Radiator Valve Maintenance Guide



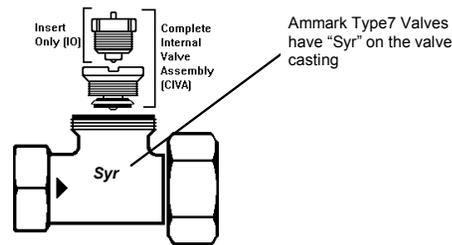
Valve Maintenance — Fast and Easy

Ammark provides the maintenance parts needed to service every valve we have sold since 1970.

Ammark Type 7 Valves

Type 7 Valves with *SYR* on the valve body were sold by Ammark between 1971 and 1998.

All seals and moving parts are incorporated into the complete internal valve assembly (CIVA). A part of the CIVA, the Insert Only (IO) consists of the valve stem and stem seals. The CIVA and IO fit all valve sizes.



What parts are needed?

Determine the parts and tools you will need from the chart below:

Part #	Description
CIVA	Complete Internal Valve Assembly Includes disk, stem, and seals. Need part# IT to replace. Fits any size Ammark Type 7 SYR valve.
IO	Insert Only Includes valve stem and stem seals. Replace with system under pressure using adjustable or socket wrench. Fits any Ammark Type 7 SYR valve.
IT	Installation Tool Required to replace part# CIVA.

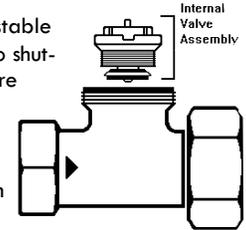
✓ CHECK POINT

If the valve is leaking, the control is probably damaged and should be replaced with a new Ammark control after valve maintenance.

Steam/Hot Water Thermostatic Valve Maintenance—FOR AMMARK TYPE 7 VALVES

How to?

- ✓ Remove the control from the valve by loosening the connecting ring. If the control has an adapter, remove the adapter from the valve.
- ✓ Remove the IO with an adjustable wrench. It is not necessary to shut-off or drain the system before removing the IO.
- ✓ Inspect the CIVA within the valve to make sure it is clean and functional.
- ✓ If a new CIVA is not required, screw in a new IO until hand-tight. Use a wrench to tighten the IO another 1/8 turn. Do not over-tighten.
- ✓ To replace the CIVA, shut-off the system (and drain hot water systems) and use Ammark's four-pronged Installation Tool (IT) to remove the old CIVA. Screw a new CIVA into the valve until hand-tight. Use the IT to tighten the CIVA another 1/8 to 1/4 turn.
- ✓ Press the valve stem to make sure it moves up and down freely. Observe the valve under pressure to be sure it is not leaking.



How often?

... for *Steam Heat*, replace the internal valve assembly every 3 to 5 years, depending on the system's age and the source of the energy. Older systems, or systems that use refuse to fire the plant, often require the most frequent valve maintenance.

... for *Hot Water Heat*, replace the internal valve assembly every 6 to 10 years, depending on the age of the system.