

BROEN
CLORIUS

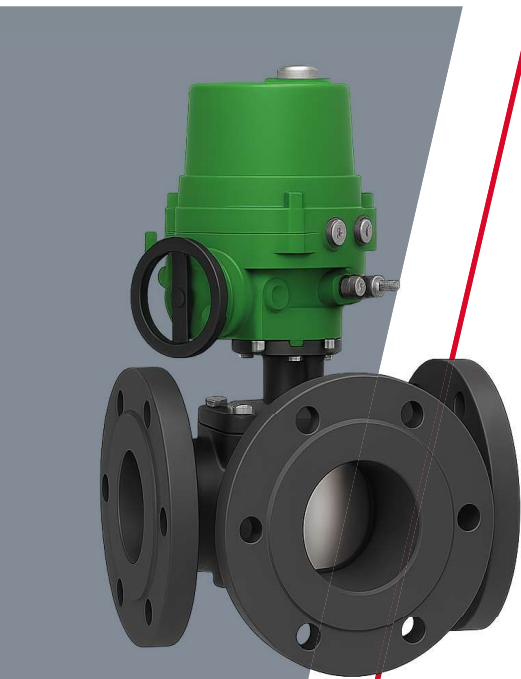
REPLACE YOUR VALVES AND UPGRADE FROM WAX TO ELECTRIC

MODERNIZE THE EFFECTIVENESS OF YOUR VESSEL
WITH ELECTRIC CONTROL VALVES





3 WAY ULTRA LOW LEAKAGE CONTROL VALVE



BACKGROUND

Proper temperature control of older engines can lead to better engine performance, less carbon build-up in the system and increased fuel economy.

Thermostatic control valves in a mechanical version using wax have very often been used to regulate the engine fluid temperature. New demands for improved regulation have opened up the path for electrically actuated control valves, such as the new Clorius control valves. These offer significant advantages over mechanically controlled valves and could potentially render them a thing of the past.

THE SOLUTION

To avoid high maintenance costs, downtime, black smoke pollution and fluctuating temperatures – temperatures, we recommend converting your thermostatic wax controls to electric control valves.

Clorius Controls deliver a full package for “plug & play” installation with the main components, suitable for your vessel.

By replacing your wax valves with Clorius Controls’ G3FM-ULL electrically actuated low leakage control valve, instead of overhauling your existing valve, you will achieve the following benefits.

BENEFITS

Electric control valves sets offer the following advantages for modernizing your marine engine

- Simple replacement, valve delivered with spacers and bolts
- No hot work required on piping system during the installation
- Reduced maintenance costs for new thermostats and maintenance work in general
- Avoids the need to drain the cooling system in order to maintain the old thermostatic valve
- Risk of total engine failure significantly reduced
- Visible pollution reduced – less black smoke emission
- Vessel does not need to be docked for installation
- In addition to remote temperature sensing capabilities, electric actuated valves increase engine efficiency by reducing engine warm-up times
- Stable temperature in all operating conditions
 - better engine running con-
- Easy manual control in the event of electrical
 - Manual handle on
- Avoids need to adjust manual override due to wax element failure (on some applications)
- Avoids need for spare parts for wax valves
- One-stop shop – Clorius can deliver full package

