

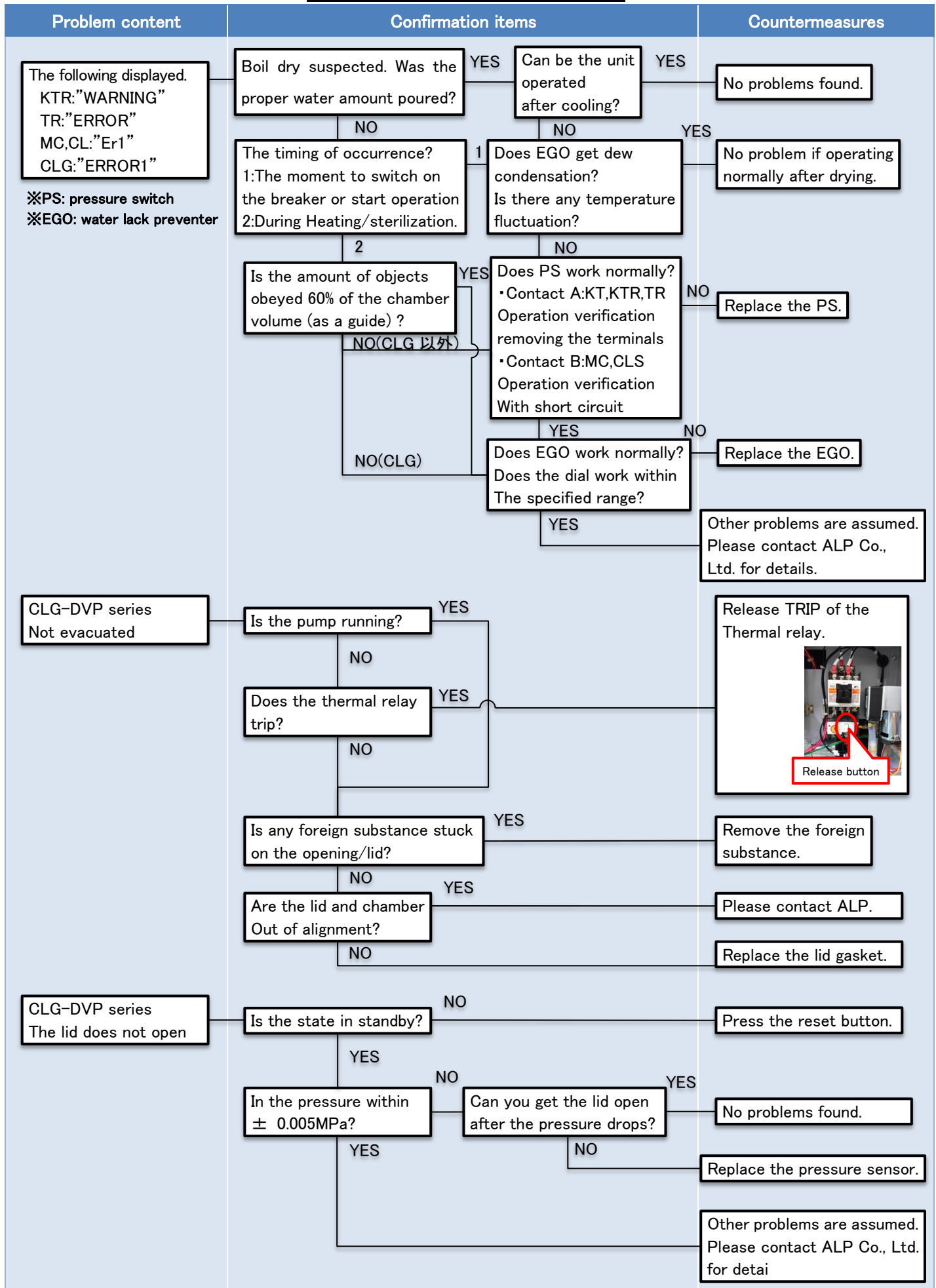




This “**Trouble shooting flowchart**” aims to identify the problem and the countermeasures for ALP autoclaves promptly and accurately. The problem other than the following “Problem content”, please contact us (alpco@wonder.ocn.ne.jp) with detailed information on the problem, the model name and its serial number (6 digit).

Problem content	Confirmation items	Countermeasures
The circuit breaker of the facility the main unit trips	Is the circuit breaker suitable?	NO Make the capacity increased.
	YES Is the power shared with other devices?	YES Connect the power to the unit singly.
	NO Does the unit get wet?	YES Remove the side panel And dry. Attest run can be After drying? No problem found.
	NO Confirm the status of The heater	NO Deterioration example 
	NO Is deteriorated/discolored? Is IR value 100MΩ or more? • Grey : Boil dry • Green rust : Corrosion	YES Replace the heater.
	NO Is there a leakage from the fixing nut for the heater on the bottom outside chamber?	YES Leakage example 
	NO	Other problems are assumed. Please contact ALP Co., Ltd. for details.
Steam leak from the lid	Is any foreign substance stuck on the opening part/lid?	YES Remove the foreign substance on the opening part/lid
	NO Is the lid packing cracked/hardened?	YES Replace the lid gasket.
	NO Are the lid and the chamber out of alignment?	YES Other problems are assumed. Please contact ALP Co., Ltd. for details.



**Troubleshooting flowchart**

QC-801-S-110-0001-01E

Problem content	Confirmation items		Countermeasures
Temperature/Pressure Does not rise	Which model? 1: KT/KTR series 2: Other than above	1	
		Is steam coming out continually?	YES Replace the air exhaust valve.
		NO	
	2	Is a small amount of Water pooled in the Exhaust bottle?	NO
		YES	
	Does the solenoid valve work normally? • Confirmation method Is steam (water) is discharged and will be stopped within 10 min. ※ CLG series Shall set the LEVEL 1 of AIR PURGE in Operation mode: Sterilization (Refer the manual	NO	
		Is the pressure Controlled at 0.1–0.13MPa at no load Operation 121°C • 1: High pressure • 2: Low pressure	2 Replace the pressure controller.
	YES	1	Replace the pressure gauge.
			Replace the exhaust valve.
			Other problems such as A disconnection of the Heater etc. are assumed. Please contact ALP Co., Ltd. for details.