

Checking Operation Restrictions

With the E5EK-T controller, auto-tuning or self-tuning sometimes do not operate depending on how functions are combined. The table below summarizes the main operating restrictions.

If the E5EK-T controller is not operating properly, first check whether operating conditions violate the restrictions in this table.

Restriction	Inoperable or Invalid Functions		
	AT Execution	Limiter Function	Other
At heating and cooling control	40%AT		
At position-proportional control	40% AT	Manipulated variable	ON/OFF control
At ON/OFF control	×	Manipulated variable MV change rate	
At AT execution	×	MV change rate	Parameter setting
At reset		Manipulated variable MV change rate	

Items marked by a “x” indicate combinations of conditions that are not acceptable during AT execution.