



Since this chamber has specified functions of 150°C, the following points differ from the standard specifications.

	PL	PR	PU	PSL	PG
Temperature range	-40~+150°C	-20~+150°C	-40~+150°C	-70~+150°C	-70~+150°C
Temperature constancy	± 0.3°C (below 100°C) ± 0.5°C (exceeding 100°C and at + 150°C)			± 0.3°C (below 100°C) ± 0.5°C (exceeding 100°C and at + 150°C) but, when type 4, ± 0.5°C (below 100°C), ± 0.7°C (when exceeding 100°C and at + 150°C)	
Temperature uniformity	± 0.5°C (when type 4 ± 1.0°C) below 100°C ± 0.75°C (when type 4 ± 1.5°C) when exceeding 100°C and at + 150°C			± 0.5°C (when type 4 ± 2.0°C) below 100°C ± 0.75°C (when type 4 ± 3.0°C) when exceeding 100°C and at + 150°C	
Temperature heat-up rate	-40 ~ + 150°C, within 70 minutes	-20 ~ + 150°C, within 60 minutes	-40 ~ + 150°C, within 70 minutes	-70 ~ + 150°C within 70 minutes	
Temperature pull-down rate	+ 20~ -40°C, within 60 minutes (When type 4, within 80 minutes)	+ 20 ~ -10°C, within 25 minutes	+20 ~ - 40°C, within 60 minutes (When type 4, within 80 minutes)	+ 20°C ~ -70°C, within 90 minutes	

## 2. Operations

### 2.1 Refrigerator setting

Use "9: AUTO" for setting the refrigerator. During temperature operation, when it is over 62.5°C, as in the standard specification, the refrigerator is turned OFF. During temperature operation over 62.5°C, when temperature in the chamber is higher than the setting due to heat emitted from the specimens, set the refrigerator setting to "1" (in case of PG, "3"). However, during temperature pull-down and lamp operation, when the setting is "9:Auto", the refrigerator can be turned ON even if the temperature is over 62.5°C.

### 2.2 Drain water

When the EY-101 or EX-111 setting temperature is over 100°C, the water in the humidifying tray is automatically drained.

## 3. Operational precautions

- (1) When operating at a temperature over 100°C, the life of the wet bulb wick is shortened. Remove the wick as much as possible.

## Locating Chamber Parts

When indicating the position of chamber parts in this manual, they will be described in relation to the test chamber door, which is at the front of the equipment.

