

Multipurpose Retort Clave

RKZ-40II

A multipurpose retort clave, designed for small-batch production of packed foods such as Ready-To-Eat Meals. It also can be used for some R&D purposes.



RKZ-40II



Food loss reduction



A counter pressure controlled with compressor

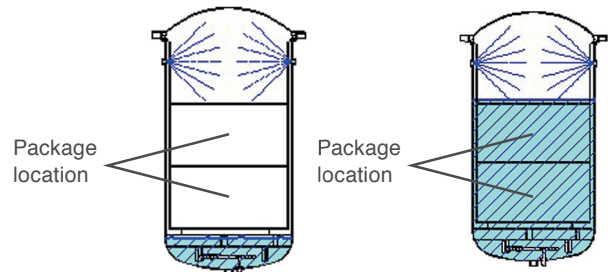
An included compressor makes a counter pressure control properly to prevent pouches from deforming and bursting.

Selectable two cooling systems

The longer the packaged foods are exposed to high temperature, the more the foods will go mushy, burnt odor, and discolor, and finally the commercial value will decrease, so it is necessary to lower the temperature immediately after sterilization. Thus, it has a function to cool rapidly the food stuff with a cooling shower after sterilization. In addition to the shower cooling, a submerged cooling is also available in which canned foods difficult to cool can be cooled efficiently.

Showered cooling

Submerged cooling (SINK OUT)



Fully automatic operation just the start button

After setting of the sterilization temperature, pressure, and time, just press the start button for fully automatic operation.

F-value operation

F-value is a numerical value that indicates the bactericidal strength of the packaged foods for the purpose of avoiding food poisoning. By setting and controlling a predetermined F-value according to the form of the foods, a reliable sterilization can be guaranteed.

Built-in recorder and Item temperature sensor

A Built-in recorder converts a core temperature of the food measured by an item temperature sensor into the F-value to be displayed.

How to arrange Pouch/Steel can in the wire basket & Throughput



Stand-up pouch
(180mm×140mm×30mm)
20 pcs./basket
Total 60 pcs./operation



Non-stand-up pouch
(Horizontal placement)
(180mm×140mm×20mm)
20 pcs./basket
Total 60 pcs./operation



Non-stand-up pouch
(Vertical placement)
(180mm×140mm×20mm)
32 pcs./basket
Total 96 pcs./operation

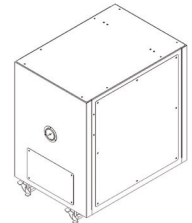


Steel can
(φ75mm×110)
18 pcs./basket
Total 54 pcs./operation

◆ Optional equipment

[Water pumping unit]
Used in case the supply water pressure is 0.200MPa or less.

[Drainage cooling unit]
Used if there is no heat-resistant drainage facility.



Water pumping unit



MODEL	RKZ-40II
Chamber size/volume	φ400×H650mm/96L
Outer dimension/weight	W920×D560×H1130mm/115kg (Without Compressor)
Temperature(Max. press.)	60°C-121°C (0.170MPa)
Sterilization time	1 second- 99 minutes 59 seconds
F-value operation	Controlled by the built-in recorder
Power demand	AC220V/230V, 26A/27A
Power demand for Compressor	AC220V/230V, 5A

●Please specify voltage when you order.

●Specifications subject to change without notice for improvement.