

Introduction of Products

FUJI JUICER

Fuji Juicers are suitable to make juice and various ground grated dishes easily at home, being designed in consideration of their application at hospitals and to business installations. While mixers to agitate stuff with water poured in have been used hitherto for such purpose, the juicer is able to make pure juice without adding water, retaining the flavour of fresh fruits. Moreover, the grating being the function, it differs essentially from the mixer as to the operation, construction and function.

The juicer consists of a grating cutter and a centrifugal separator. It is designed to extract the juice through centrifugal separator attached with a filter from fresh fruits, which are grated finely and scattered by saw-shaped cutter mounted on a high-speed rotating disc coupled directly with a motor. Because this convenient juicer of distinct features is easy to handle with a little skill soon be acquired the users are able to enjoy splendid taste. They are indispensable as kitchen utensil to rationalize daily eating habit for promotion of the health. Their brief description is as follows:

I. SPECIFICATION

Fig. 1 shows the outside appearance, and Fig. 2 is a sectional view the particulars being as follows:

Type :	J-161
Dimensions :	height 305 mm maximum diameter 180 mm
Juicing capacity :	1,000 cc/time
Sieve basket :	diameter 160mm, depth 70mm made of aluminium (almitite treatment), with filter made of bleached cotton.
Motor :	condenser type 1-phase induction motor voltage rating : 100 V frequency rating : 50/60 c/s rotation : 2,950/3,500 r.p.m. input : 100 W with magnet brake rating : 30 min.

II. FEATURES

1. It can extract fresh flavourous juice
Ideal grating is possible by means of strong

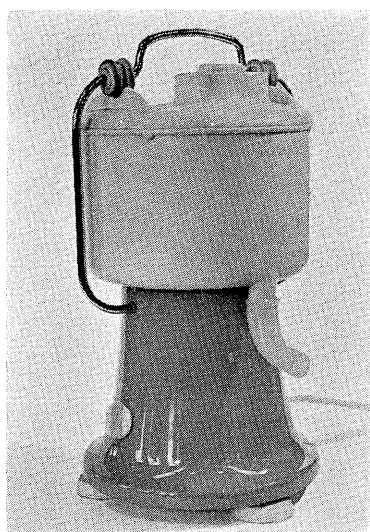


Fig. 1. Outer view of juicer

stainless steel cutters mounted on disc; dregs are completely separated, and fresh-juice retaining original flavour, is much more delicious beyond comparison than that is available with a mixer agitating using water.

2. Grating is feasible

Being able to grate with cutters only after removing the centrifugal basket, it is very convenient for cooking.

3. Easy to remove dregs

Dregs separated by centrifugal force are collected on the filter made of bleached cotton and can be easily removed by drawing up one end of the filter.

4. Sanitary materials are used for parts

Sanitary plastic is used for parts directly touching foods.

5. No oiling is required for the motor

The bearings are of double sealed construction, in which grease is so completely sealed that no supply is required.

6. Causing no noises for radio and television sets

A two-pole condenser-motor is used, and does not disturb radio waves unlike the universal motor used for the conventional mixer, thus the fear of noises being perfectly eliminated.

III. CONSTRUCTION AND FUNCTION

Let us describe each part in reference to Fig. 2 section of juicer :

1. Motor-stand

Inside the stand are contained a motor, condenser, magnetic brake, change-over switch, etc.

2. Magnetic brake

When cut off after use, the magnet ceases to be

energized and the brake is applied automatically by springs, to stop the motor immediately.

3. Case and case cover

The case is made of sanitary plastic. On its bottom, separated juice is accumulated and flows to drain-hole.

4. Flow out pipe

Being fitted tightly into a drain-hole, it leads the juice to a cup.

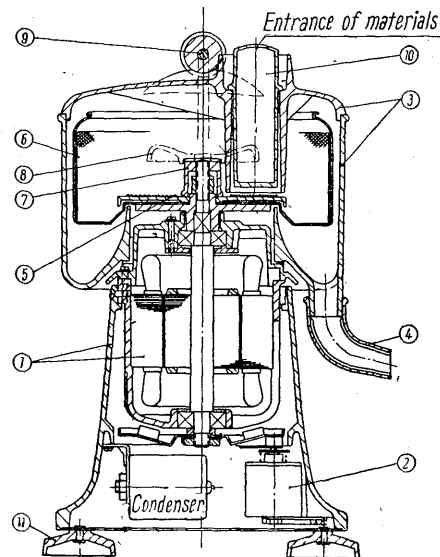


Fig. 2. Section of juicer

5. Cutters

The cutters are made of stainless steel saw-shaped blades mounted on a plastic disc ; it is intended for grating fruits.

6. Sieve basket and filter

The sieve basket is made of aluminium and given almite treatment. Within basket is a filter made of bleached cotton, inside of which grated dregs are collected and juice is separated by centrifugal force.

7. Fastening nut

The sieve basket and the cutters are fastened

through the rotating disc fixed to the motor.

8. Nut turner

It is used to loosen the fastening nut in disassembling.

9. Fastening band

It is attached to the stand.

10. Piston

It is used to press fruits in the basket.

11. Vibration proof rubber

Vibration of the juicer is well absorbed by it.