

# FUJI DENKI VACUUM CLEANER, TYPE SCT 301A

Here we offer a new canister vacuum cleaner, type SCT 301A. This is a result of our several years' research and repeated tests on vacuum cleaner to answer the customer's need.

## 1. Specification

Type: SCT 301A canister type  
 Power source: Single phase, 100 V, 50/60 c/s  
 Power consumption: 300 W  
 Degree of vacuum: 35" in a column of water  
 Suction air: 70 cfm  
 Net weight: 9.9 lbs.  
 Model approved number: ▼ 9-2137  
 Extension cord: 16 ft.  
 Spare part: Carbon brush for 1 set replacement  
 Standard accessories: 5 ft vinyl hose, floor rug nozzle, floor brush and 3 extra wands (extend to the high ceiling)  
 Special accessories: Bend pipe, coat brush, upholstery nozzle and crevice nozzle.

## 2. Construction

Main body of the cleaner consists of two cases, upper and lower cases, as shown in Fig. 2. And a motor is housed in the upper case supported by the iron plate flange with soft rubber cushion.

Commutator side is covered with dust bag and juts out into the lower case.

Each upper and lower case is completely separated by the rubber cushion of the motor support part and by the packing of the dust bag respectively and composes two airtight chambers.

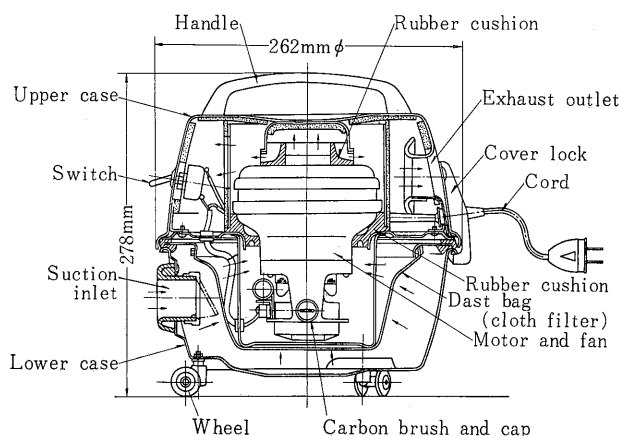


Fig. 2 Inner construction

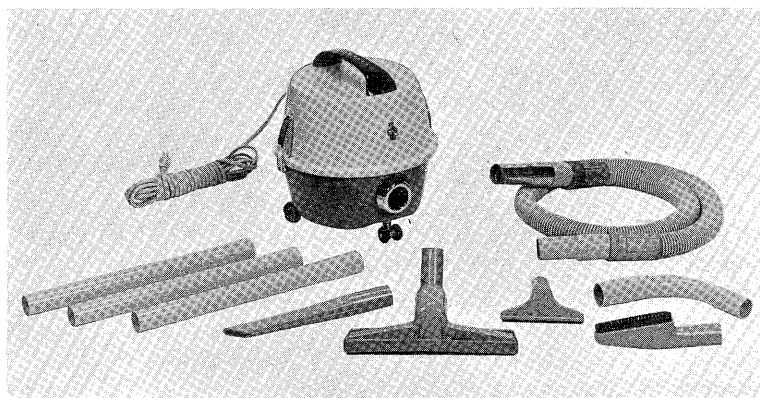


Fig. 1 Main body and accessories

Hinged top flips up automatically when the cover-lock is released.

Dust sucked with air is filtered by the dust bag and sticks to its surface for a while, then falls into the lower case and is precipitated there. The air purified by the bag filter passes the motor inside cooling its heated part and is exhausted to the upper case, then it goes through the silencer to the exhaust outlet and is exhausted out.

## 3. Features

- 1) Large suction power and air volume but small power consumption, so very economical. Huge dust bag capacity needs emptying less often, so convenient to use.
- 2) The unit is equipped with a silencer and the motor is supported by the soft rubber cushion which eliminates noise and vibration and result in quiet operation.
- 3) Wheels roll easily and pivot quickly. Light, flexible vinyl hose bends and twists easily. That gives the unit easy mobility.
- 4) It features a specially selected, long-life carbon brush and its replacement is simply done.
- 5) Suction inlet is equipped with a check valve to prevent dust collected from being scattered out of the inlet, in case the vacuum cleaner should fall down.
- 6) Hose connects to the air exhaust outlet for spraying and drying, blowing etc.
- 7) It features a famous "Fuji Denki condenser" specially made for the vacuum cleaner, so it gives no noise hindrance to the radio, TV etc.
- 8) Lock for upper and lower case is specially made for easy dust emptying and easy access servicing.

(By S. Saito, Mie Factory)