

## Ratings

Rated Control Power Supply			Rated Input					Rated Output	
Rated voltage (v)	Frequency (cps)	Power consumption (va)	Frequency (cps)	Rated current (amp)	Adjustment range	Operational accuracy (%)	Power consumption at rated value (va)	No. of contacts	Contact capacity
200/220 (100/110)	50/60	Approx. 4	50/60	5	1.2~5 amp. (Continuously variable. Scale is marked in the reset current values. Operating value is 120% of reset current value.)	±5	Approx. 10	1b	Ac induction load (power factor: 0.4); Closing capacity: 220 v 2 amp.; Circuit breaking capacity: 200 v 0.2 amp

### 5) High frequency of operation

The control relay consists of a static circuit and a Model HH 22-1 control relay and will, thus, AS3 will effectively withstand extremely frequent operation (1800 times per hour).

### 6) Long service life

Efficient performance with an extended service life is guaranteed. The service life is far longer than that of conventional electromagnetic relays due to the employment of a static circuit.

### 7) Compact and light

This relay is only  $\frac{1}{4}$  the size and  $\frac{1}{3}$  the weight of comparative conventional relays.

### 8) Can be used with both 50 and 60 cps.

Since this relay can be used with both 50 and 60 cps, there are no regional restrictions with respect to its applications.

### 9) Easy to set (Adjust)

Current operational value is easily set at constant value by a control knob provided on the case for simple external adjustment which greatly facilitates equipment maintenance and adjustment.

## FUJI AIR PURIFIER

The dreams of our progenitors are realities today due to the tremendous industrial development.

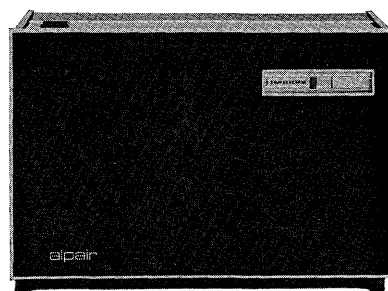
However, accompanying the phenomenal growth of industry in almost equal stride has been a sharp increase in waste materials released into the atmosphere in large cities and industrial areas, an alarming rise in air contamination made by motor vehicle exhaust fumes, and the increased presence of noxious particles and gases in the air we breathe.

The Fuji Air Purifier removes these elements, which pose a serious threat to good health and happy living, and adds negative ions ("Air Vitamins") in their place. Air in the home or office is electrically purified by this unit, resulting in clean, healthy living or working quarters.

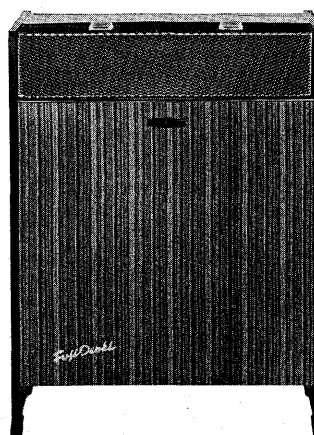
### Features

#### 1) Powerful suction captures microscopic dust particles as minute as $1/10,000$ mm ( $0.1 \mu$ )

Dust particles larger than  $10 \mu$  are visible to the naked eye, but particles smaller than  $5 \mu$  are not. It is these particles that are even present in the air, and the ones that pose a constant health threat.



Model LFH-302, floor and wall mounted type



Model LFH-406, floor type

The Fuji Air Purifier filters particles as minute as those of tobacco smoke:  $0.1\mu$ .

2) Electrical filter system doubles purifier effectiveness

The electrical dust collecting method differs greatly from that of conventional filters. The Fuji Air Purifier electrical filter ionizes dust particles in the air by corona discharge and pulls them to the dust collecting electrodes. It is this action and the dielectric dust-collecting mat (filter) that results in double dust-collecting purifier performance.

3) Noxious gas removal

Completely removes sulfur dioxide, carbon monoxide, and other noxious gases.

4) Negative ions put "vitamins" in the air

Doctors have found out that the presence of negative ions in air aids in lowering blood pressure, inducing sleep, and in general in providing the calming, soothing effect needed for complete relaxation. The Fuji Air Purifier puts large quantities of "vitamins" in the air (as large as  $5 \times 10^{17}$ ).

5) Ultra-violet ray kills bacteria

To kill the bacteria always present in unpurified air, the Fuji Air Purifier uses a powerful ultra-violet sterilizing ray.

6) Safe operation

Double and triple safety equipment make operation, maintenance, and inspection perfectly safe.

7) Cross-flow fan results in uniform room temperature

Normally, the temperature of air in the upper half of a room is higher than that of air in the lower half, which makes the room uncomfortable. The Fuji Air Purifier cross-flow fan solves this problem by circulating air in a manner where complete room temperature uniformity is maintained.

8) Easy installation

Installation is quick and easy, and a minimum of space and electricity is consumed. Push-buttons permit three-step air-flow adjustment, and operation is noise-free. In addition to all of the previously mentioned features, the Fuji Air Purifier is an attractive piece of furniture in itself, and pleasantly blends in with both home and office decor.

## Specifications

Model	LFH-301		LFH-302		LFH-406			LFP-05 F		
Specifications	LFH-301		LFH-302		LFH-406			LFP-05 F		
Location	Business and home		Business and home		Business and home			Business		
Applicable area (sqm)	7~16		7~16		10~25			25~50		
Dust precipitating method	Two-stage charged dielectric system		Two-stage charged dielectric system		Two-stage charged dielectric system			Two-stage charged parallel plate system		
Number of air flow adjustment steps	1	2	1	2	1	2	3	1	2	3
Processed air flow 50/60 cps/cu m/min	1.7/ /1.7	2.5/ /3.0	1.7/ /1.7	2.5/ /3.0	3.1/ /3.9	3.4/ /4.2	4.0/ /4.5	5.0/ /6.0	6.5/ /8.0	8.0/ /10.0
Power consumption (50/60 cps w)	23/ /20	30/ /27	23/ /20	30/ /27	30/ /29	34/ /35	37/ /40	30/ /35	45/ /50	55/ /60
Input current (50/60 cps amp)	0.35/ /0.30	0.40/ /0.35	0.35/ /0.30	0.40/ /0.35	0.47/ /0.45	0.49/ /0.48	0.53/ /0.53	0.35/ /0.40	0.50/ /0.55	0.55/ /0.60
Dust precipitating efficiency	99%		99%		99%			99%		
Minimum collected particle size	1/10,000 mm 0.01 $\mu$		1/10,000 mm 0.01 $\mu$		1/10,000 mm 0.01 $\mu$			1/10,000 mm 0.01 $\mu$		
Cabinet material	Polyester board		Polyester board		Polyester board			Steel		
Installation	Floor and wall		Floor and wall		Floor			Floor		
Dimensions (mm)	Width 57 Depth 16.9 Height 36		Width 59 Depth 17 Height 42		Width 50 Depth 19.5 Height 67			Width 57.5 Depth 28 Height 95		
Weight (kg)	12		14		20			45		