

NEW TYPE ELECTRIC DELTA FANS (FDS 3055)

It is some time since electric fans have come in the daily life of the population as familiar electrical goods of a certain form in design. Our Company has been working out a new and modern design for many years, with the result that is this new type electric fan has come into being. It has won wide reputation of harmony in the condition of practical utility and of a refined home appliance to the fullest extent as well as a logical design.

Fig. 1 shows the new type electric fan on a desk, and Fig. 2 mounted on the wall.

1. Construction

(1) The change over switch, speed adjusting reactance and condenser which were provided inside the stand in the conventional design made the fan compact and there are placed in the rear shield cover behind the motor. The stand is made by bending chrome plated metal rods with stability and gracefulness.

(2) The change over switch is attached to the oscillating gear mechanism with a speed change button and oscillating button in common use. When the button is turned the switch is opened or closed and also the change-over is made for the speed adjustment by moving it up and down and the oscillation will be controlled.

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(3) Three pieces of shock absorbing rubbers are attached to the stand, and the neck joint is of an universal coupling. Turning it 180 degree, the fan will be changed to of a wall mounting type.

2. Feature

(1) Graceful Appearance

The entirely new design with modern sense makes it most fitting for an appliance in the home and in stores.

(2) Logical Construction

Changeable to desk or wall mounting by adjusting the universal coupling of the stand.

(3) Noiseless and Large Wide Volume

The six pole motor and three plastic blades give an ample wind with noiseless, pleasant coolness.

(4) Extremely Small Power Consumption

A condenser motor in use with very little power consumption, as shown in Table 1. Very good electrical characteristics with a wide range of speed adjustment.

(5) Easy Maintenance

Being enclosed type, it is free from dust. Felt oil deposit insures bearing lubrication and simple maintenance.

Table 1

Notch	Frequency	Input	p. f.	r. p. m.	Air Velocity	Air Delivery
1	50	22 W (24.8 VA)	88.7 %	950	200 m/min.	37.2 Cu. m/min.
	60	27.5 W (29.3 VA)	93.7 %	1,030	215 m/min.	46.8 Cu. m/min.
2	50	16.5 W (20.7 VA)	79.8 %	900	—	—
	60	17 W (22.8 VA)	74.6 %	890	—	—
3	50	15.5 W (19.8 VA)	78.3 %	860	—	—
	60	14.5 W (20.5 VA)	70.8 %	770	—	—
JIS C 9601		< (75 VA)			> 160 m/min.	> 30 Cu. m/min.

Fig. 2. New type delta fan hanging at room wall

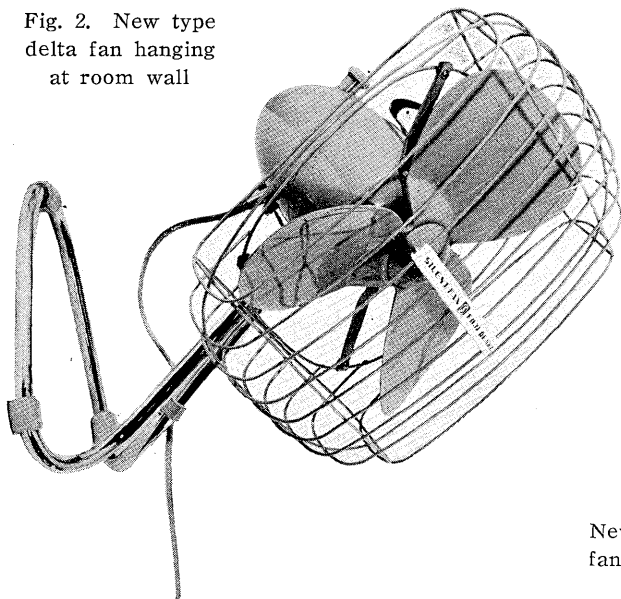


Fig. 1. ↗
New type delta fan in blowing

