

FUJI WINDOW TYPE AND SEPARATE TYPE AIR CONDITIONER

1. Window Type Air Conditioner

On the view point of health and sanitation, the package type air conditioners have come into wide use and the demand for them are gradually increasing, but comparing to this rather steady demand, a sudden rush on the window type air conditioners is observed recently.

At the same time, the consumers' range has been expanded to a great extent. Hitherto the air conditioners were for special buildings such as offices, hospitals and entertainment halls etc. but recently the ordinary stores such as restaurants, barber's shops and other shops standing face to the main streets are going to be the prospective users of them. And as the trend of this year, it is expected that the users' range will further be expanded to the home.

Answering to this tendency, from this year we decided to put stress on manufacturing the window type air conditioners. As our 1961's new product, we wish to introduce here two kinds of window type air conditioners, one is a heat pump type which reverses cooling to become an efficient heat pump and warms the room as well as cools, the other is a separate type, in this type, cooling unit and condensing unit are separated, so it is adaptable to small space and what's more, you will never be disturbed by the operation noise. Both types have the outstanding features that characterize Fuji's products.

2. Features

- 1) Adopting the powerful motor compressor, air

conditioners give you tremendous cooling capacity.

- 2) For both models RWM602H and RWDM752H, heat pump is adopted, whereas for other models than RWM602, electric heaters are provided and they can provide comfort warming in winter.

- 3) They effectuate not only cooling and heating but also dehumidification, ventilation and filtering.

- 4) Because of the rational design, unit is compact in size and light in weight.

- 5) Acoustical insulation and vibration proof are perfect so the operation is exceptionally quiet.

- 6) They have a facility with remote control.

- 7) Room temperature can be controlled by an attachable thermostat.

- 8) Offensive odor in the room is expelled by a deodorizing filter. (except RW753, all models can be equipped with the filter)

- 9) Air delivery is adjustable by strong and weak. (This adjusting device is adopted for Model RWDM602H, RWDM752H and RWDM1502)

3. Separate Type Air Conditioner

Separate type air conditioner is consisted of the cooling unit and the condensing unit. By combining these separate units, it effectuates cooling, filtering, dehumidification etc. Remote control can be done by the auxiliary control box for the operation of these two units. There are two kinds of separate type air conditioners available. One is RSD1201 (three phase, 200V, 1.2 kW), the other is RSD1202 (three phase, 200V, 1.2 kW).

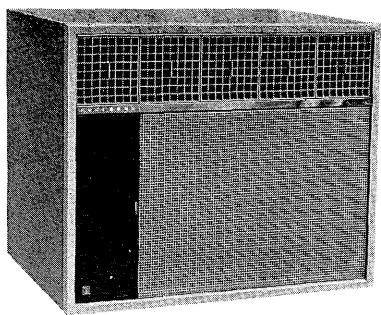


Fig. 1. Model RW 753

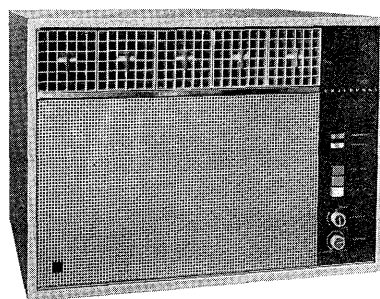


Fig. 2. Model RWDM 602 H
Model RWDM 752 H

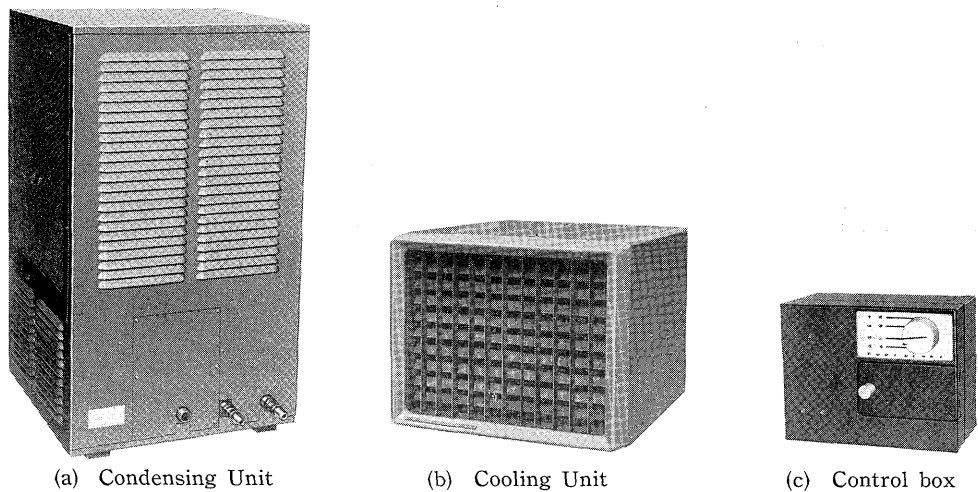


Fig. 3. Separate type air conditioner

Table 1. Specification of window type air conditioner

Item \ Model		RWM 602		RWDM 602		RWDM 602H		RW 753		RWDM 752H		RWDM 1502	
Over-all dimensions	Height (mm)	425		425		458		545		458		486	
	Width (mm)	600		600		640		673		640		742	
	Depth (mm)	514		514		578		512		578		610	
Efficiency	Frequency (c/s)	50 60		50 60		50 60		50 60		50 60		50 60	
	Standard cooling capacity (kcal/h)	1,800	2,100	18.00	2,100	1,800	2,100	2,400	2,800	2,400	2,800	4,800	5,600
	Standard air delivery (m³/h)	300	330	300	330	360	420	420	500	360	420	630	720
Electric characteristic	Electric source	1 ϕ 100 V 1 ϕ 100 V		3 ϕ 200 V 3 ϕ 200 V		3 ϕ 200 V 3 ϕ 200 V		1 ϕ 100 V 1 ϕ 100 V		3 ϕ 200 V 3 ϕ 200 V		3 ϕ 200 V 3 ϕ 200 V	
	Standard electric current (A)	8.5	9.7	3.6	2.8	2.9	3.1	10.2	13.6	3.9	4.2	6.8	8.1
	Standard wattage (kW)	0.75	0.93	0.67	0.83	0.74	0.91	0.93	1.23	1.0	1.23	2.0	2.55
Compressor		Totally enclosed type 2 pole 550 W		Totally enclosed type 2 pole 550 W		Totally enclosed type 2 pole 550 W		Totally enclosed type 4 pole 750 W		Totally enclosed type 2 pole 750 W		Totally enclosed type 2 pole 1.5 kW	
Fan	Evaporator side	Sirocco fan		Sirocco fan		Sirocco fan		Propeller fan		Sirocco fan		Sirocco fan	
	Condenser side	Propeller fan		Propeller fan		Propeller fan		Propeller fan		Propeller fan		Propeller fan	
	Motor	6 pole 50 W		6 pole 50 W		6 pole 50 W		6 pole 40 W		6 pole 50 W, variable 2-speed motor		6 pole 150W, variable 2-speed motor	
Air filter		Permanent polyvinylidene chloride net		Permanent Polyvinylidene chloride net		Same as RWDM 602		Same as RWDM 602		Same as RWDM 602		Same as RWDM 602	
Refrigerant		Freon 22		Freon 22		Freon 22		Freon 12		Freon 22		Freon 22	
Weight (kg)		80		80		100		110		100		130	
Special specification	Deodorizing filter	Attachable		Attachable		Attachable		—		Attachable		Attachable	
	Remote control switch	Attachable		Attachable		Attachable		Attachable		Attachable		Attachable	
	Thermostat	Attachable		Attachable		With		Attachable		With		Attachable	
	Electric heater	—		Able to equip with 2.4 kW heater		With auxiliary 1 kW heater		Able to equip with 2 kW heater		With auxiliary 1.5 kW heater		Able to equip with 5 kW heater	

(By T. Narita, Merchandise Dep't)