

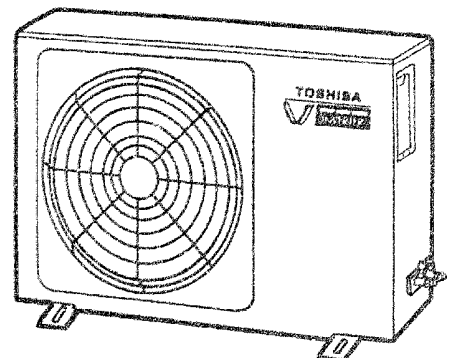
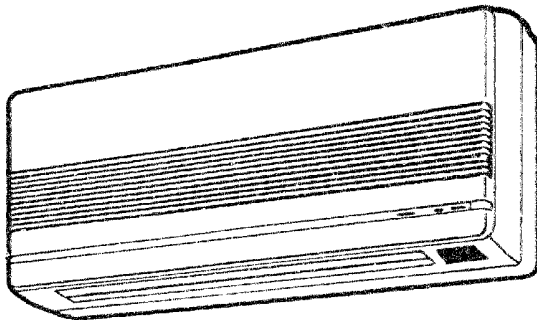
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SERVICE DATA
FILE NO. 300 - 821

TOSHIBA

ROOM AIR-CONDITIONER
(SPLIT TYPE)

RAS-13LKHT(W)/LAHT



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1. SPECIFICATIONS

MODEL NAME: RAS – 13LKHT(W)/LAHT			
Items		Unit	<div>Cooling</div> <div>Heating</div>
Capacity		kcal/h	3000
		Btu/h	12000
Power source		Phase	Single
		V	220/240
		Hz	50
Power consumption		kW	1.3
Power factor		%	90
Running current		A	6.28
Starting current		A	8.94
Moisture removal		lit/h	1.7
Noise	Indoor unit (H/M/L)	dB	41/34/31
	Outdoor unit	dB	46
Refrigerant	Name of refrigerant		R-22
	Charge volume	kg (oz)	0.85 (30.0)
Refrigerant control			Capillary tube & Expansion valve
Inter-connection pipe	Gas side size	mm (in)	12.7(1/2)
	Connection type		Flare connection
	Liquid side size	mm (in)	6.35 (1/4)
	Connection type		Flare connection
	Maximum length (of one way)	m (ft)	10 (32.8)
	Maximum height indoor unit higher	m (ft)	5 (16.4)
	Maximum height Outdoor unit higher	m (ft)	5 (16.4)
Condensate drain pipe	Outer diameter	mm (in)	16 (5/8)

Specifications are subject to change without notice.

INDOOR UNIT		Units	RAS-13LKHT(W)	
Dimensions	Height	mm (in.)	360 (14.2)	
	Width	mm (in.)	815 (32.1)	
	Depth	mm (in.)	160 (6.3)	
Net weight		kg (lbs)	9 (19.8)	
Evaporator type			Finned tube	
Indoor fan type			Cross flow fan	
Air volume	High fan	m³/h (CFM)	570 (335)	
	Medium fan	m³/h (CFM)	—————	
	Low fan	m³/h (CFM)	—————	
Fan motor output		W	15	
Air filter			Polyproprene Net filter (Washable)	
OUTDOOR UNIT		Units	RAS-13LAHT	
Dimensions	Height	mm (in.)	538 (21.2)	
	Width	mm (in.)	780 (30.7)	
	Depth	mm (in.)	245 (9.6)	
Net weight		kg (lbs)	39 (86.0)	
Condenser type			Finned tube	
Outdoor fan type			Propeller	
Fan motor output		W	25	
Com-pressor	Model		HV235A1-S15D	
	Output	W	750	
Safety device			Fuse, compressor thermal relay	
Auto louver			Yes	
Outdoor temperature range for proper performance			21 ~ 43 (70 ~ 109)	- 5 ~ 21 (23 ~ 70)
Usable outdoor temperature range		°C (°F)	10 ~ 43 (50 ~ 109)	- 10 ~ 21 (14 ~ 70)

Specifications are subject to change without notice.

Note1:

Capacity is based on the following temperature condition.

		JIS	
		COOLING	HEATING
Indoor unit inlet air temperature	(DB)	27 °C (80 °F)	20 °C (68 °F)
	(WB)	19 °C (66 °F)	—————
Outdoor unit inlet air temperature	(DB)	35 °C (95 °F)	7 °C (45 °F)
	(WB)	24 °C (75 °F)	6 °C (43 °F)

Note2:

These mean equivalent length.

When piping length exceeds 5 m, it is necessary to add refrigerant. Additional 10 g needs per extension of 1 m.