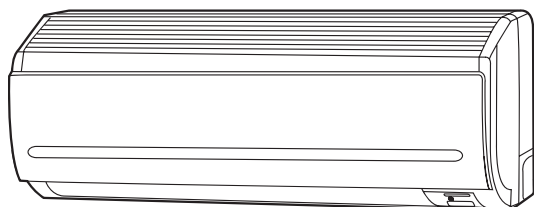
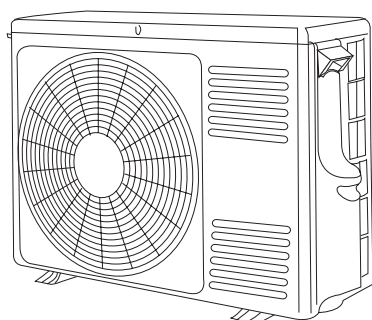


HITACHI

SM0027**RAS-E14H2A/RAC-E14H2**

SERVICE MANUAL

TECHNICAL INFORMATION

**RAS-E14H2A****RAC-E14H2**

SPECIFICATIONS

TYPE		DC INVERTER (WALL TYPE)	
		INDOOR UNIT	OUTDOOR UNIT
MODEL		RAS-E14H2A	RAC-E14H2
POWER SOURCE		1 PHASE, 50 Hz, 220-230V	
COOLING	TOTAL INPUT (W)	1,090 (155 ~ 1,460)	
	TOTAL AMPERES (A)	5.22-4.99	
	CAPACITY	(kW)	3.50 (0.90 ~ 4.00)
		(B.T.U./h)	11,940 (3,070 ~ 13,650)
HEATING	TOTAL INPUT (W)	1,110 (115 ~ 1,440)	
	TOTAL AMPERES (A)	5.32-5.09	
	CAPACITY	(kW)	4.20 (0.90 ~ 5.00)
		(B.T.U./h)	14,330 (3,070 ~ 17,060)
DIMENSIONS (mm)	W	780	750 (+91)*
	H	280	548
	D	210	288 (+47)*
NET WEIGHT (kg)		9.5	35

* After installation

SPECIFICATIONS AND PARTS ARE SUBJECT TO CHANGE FOR IMPROVEMENT

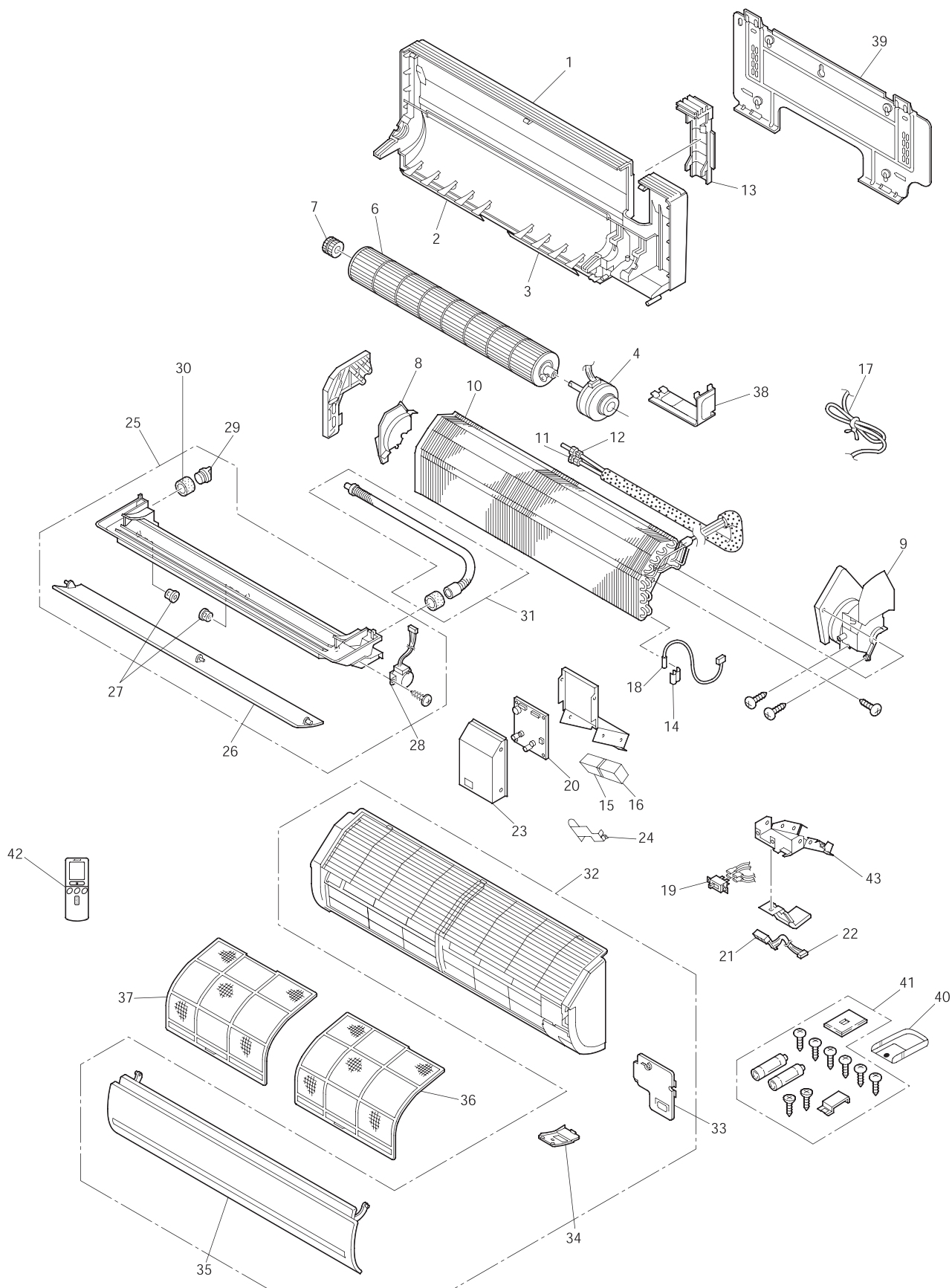
ROOM AIR CONDITIONER

INDOOR UNIT + OUTDOOR UNIT

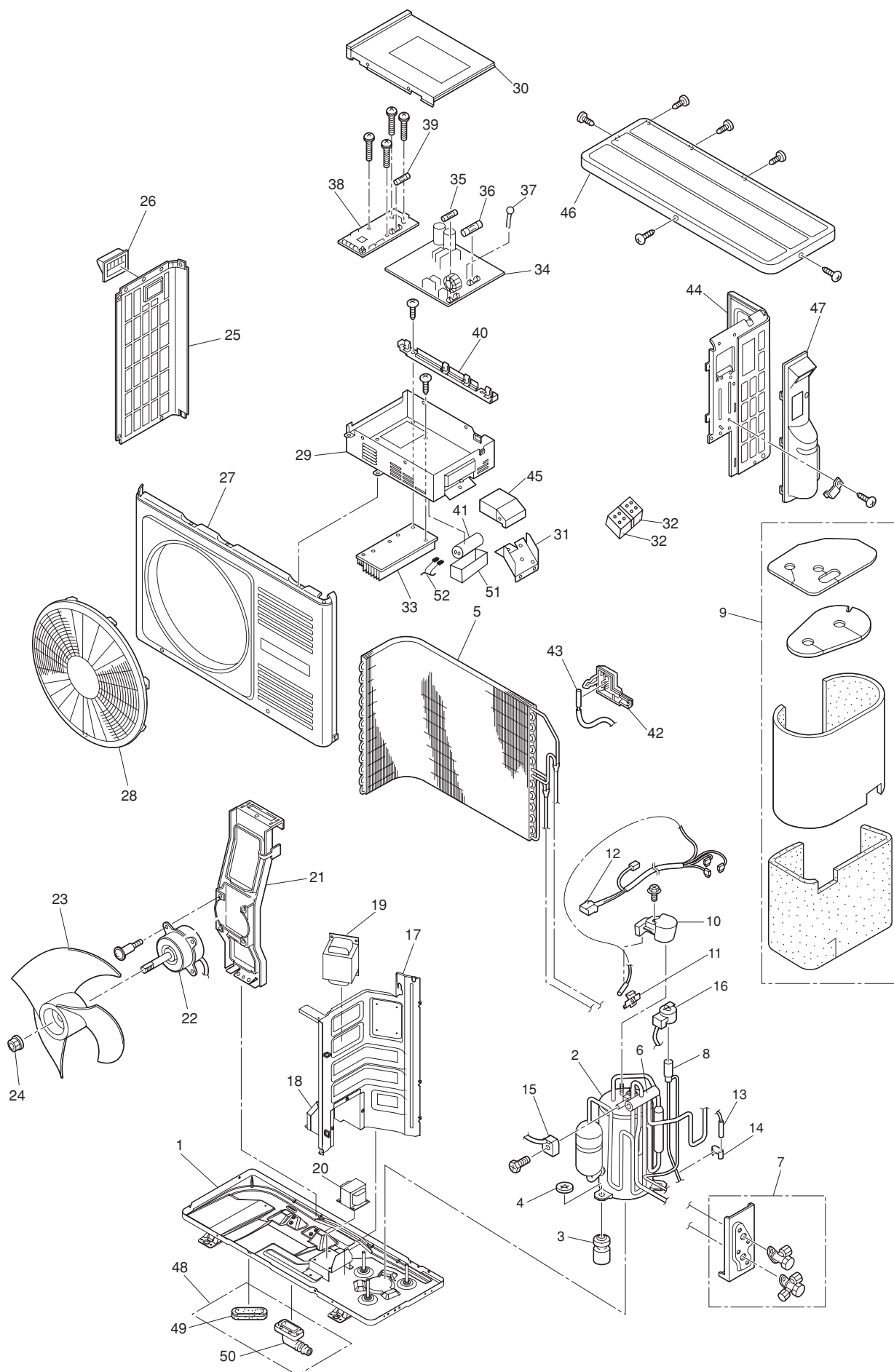
FEBRUARY 2008 Hitachi Household Appliances(Wuhu) Co.,Ltd.

PARTS LIST AND DIAGRAM

INDOOR UNIT MODEL: RAS-E14H2A



OUTDOOR UNIT **MODEL: RAC-E14H2**



[illegible]

RAC-E14H2		
1	BASE (ROHS)	HWRACE14H2A01
2	COMPRESSOR ASC092CD (ROHS)	HWRACE08HA02
3	COMPRESSOR RUBBER 1PCS (ROHS)	HWRAC25YH4A03
4	PUSH NUT ;IN=9MM (ROHS)*	HWRAC25YH4A04
5	CONDENSER (ROHS)	HWRACD10EX2A02
6	VALVE REVERSING W.COIL (ROHS)*	HWRACE08HA03
7	VALVE SERVICE ASS'Y (ROHS)*	HWRACE08HA04
8	VALVE ELECTRIC EXPAN. (ROHS)	HWRACE08HA05
9	COVER SOUND PROOF (ROHS)	HWRACE08HA06
10	COVER OVER LOAD RELAY (ROHS)	HWRAC25YH4A10
11	SUPPORT OVER HEAT THERM(ROHS)	HWRAC25YH4A11
12	CORD CONNECTION COMPRE.(ROHS)	HWRACE08HA08
13	THERMISTOR DEFROST (ROHS)	HWRACD10EXA08
14	SUPPORT THERMISTOR (ROHS)	HWRAC25YH4A14
15	COIL REVERSING VALVE (ROHS)	HWRAC25YHAA03
16	COIL EXPANSION VALVE (ROHS)*	HWRACE08HA09
17	PARTITION E.ISOLATOR (ROHS)	HWRAC25YH4A17
18	REACTOR COVER (ROHS)	HWRAC25YH4A18
19	REACTOR 1 (ROHS)	HWRAC25YH4A19
20	REACTOR 2 (ROHS)	HWRAC25YH4A20
21	FAN MOTOR SUPPORT (ROHS)	HWRACD10EXA11
22	FAN MOTOR RRMB3675 47W (ROHS)*	HWRAC25YH4A22
23	PROPELLER FAN (ROHS)	HWRAC25YH4A23
24	NUT PROPELLER FAN (ROHS)*	HWRAC25YH4A24
25	COVER SIDE LEFT (ROHS)	HWRAC25YH4A25
26	HANDLE (ROHS)	HWRAC25YH4A26
27	FRONT COVER (ROHS)	HWRACE08HA10
28	GRILL DISCHARGE (ROHS)	HWRAC25YH4A28
29	ELECTRIC PARTS PLATE (ROHS)	HWRAC25YH4A29
30	COVER ELECTRIC PARTS (ROHS)	HWRACE08HA15
31	TERMINAL PLATE (ROHS)	HWRAC25YH4A31
32	TERMINAL BOARD (2P) (ROHS)	HWRAC25YH4A32
33	HEAT SINK (REGULATOR 1)(ROHS)	HWRAC25YH4A33
34	PWB POWER (RRZK2517) (ROHS)*	HWRAC25YH4A34
35	FUSE 15A (ROHS)	HWRACE08HA11
36	FUSE 3A (ROHS)	HWRAC25YH4A36
37	VARISTOR (ROHS)	HWRAC25YH4A37
38	PWB MAIN (RRZK2620) (ROHS)*	HWRACE14H2A02
39	FUSE 1A (L=22MM) (ROHS)	HWRAC25YH4A39
40	SUPPORT PWB (ROHS)	HWRAC25YH4A40
41	CAP 45MF 200V (COMP) (ROHS)	HWRAC25YH4A41
42	COVER OUT DOOR THERMIST(ROHS)	HWRAC25YH4A42
43	THERMISTOR OUTDOOR TEMP(ROHS)	HWRACD10EXA17
44	COVER SIDE (R) (ROHS)	HWRACE14H2A03
45	COVER TERMINAL (ROHS)	HWRAC25YH4A45
46	COVER TOP (ROHS)	HWRAC25YH4A46
47	COVER SERVICE VALVE (ROHS)	HWRAC25YH4A47
48	DRAIN PIPE KIT OVAL 30X80MM *	HWRAC25YH4A48
49	BUSH (ROHS)	HWRAC25YH4A49
50	DRAIN PIPE L-FORM OVAL (ROHS)*	HWRAC25YH4A50
51	COVER CAPACITOR (ROHS)	HWRAC25YH4A51
52	CORD 1P YELLOW FLAT PLUG(ROHS)	HWRAC25YH4A52