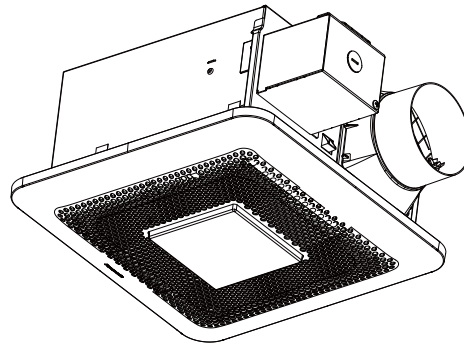


Service Manual

Ventilating Fan
(North America Market)



RG-R811LHA

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety. These parts are marked by ⚠ in the Schematic Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without the manufacturer's approval.
Please have a static electricity depletion process in place before handling these components..
Please use gloves when handling PCB parts during the repair process..

CONTENTS	PAGE
1.Specification	1
2.Parts Identification	2 ~ 4
3.Wiring Diagram	5
4.Parts List	6, 7



1. Specification

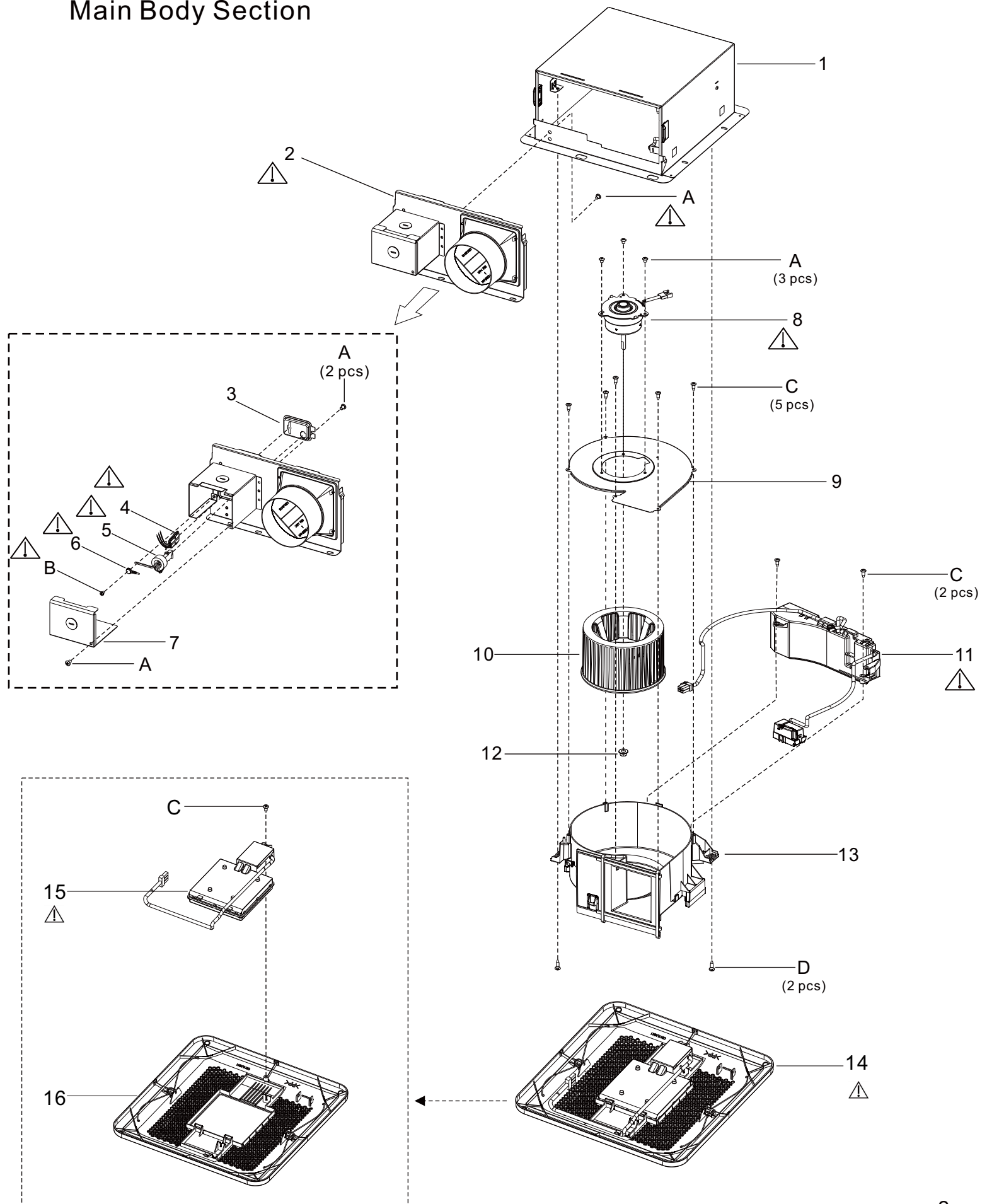
Model No.	Air direction	Voltage (V)	Frequency (Hz)	Duct diameter (inches)	Air volume (CFM)	Noise (sones)	Speed (rpm)	Power (W)	Weight lb. (kg)
RG-R811LHA	Exhaust	120	60	4	80	0.4	905	7.1	9.9(4.5)
					110	1.1	1043	11.6	

HVI Certified performance based on HVI Procedures 915, 916, and 920 at 0.1" WG.

2. Parts Identification

RG-R811LHA

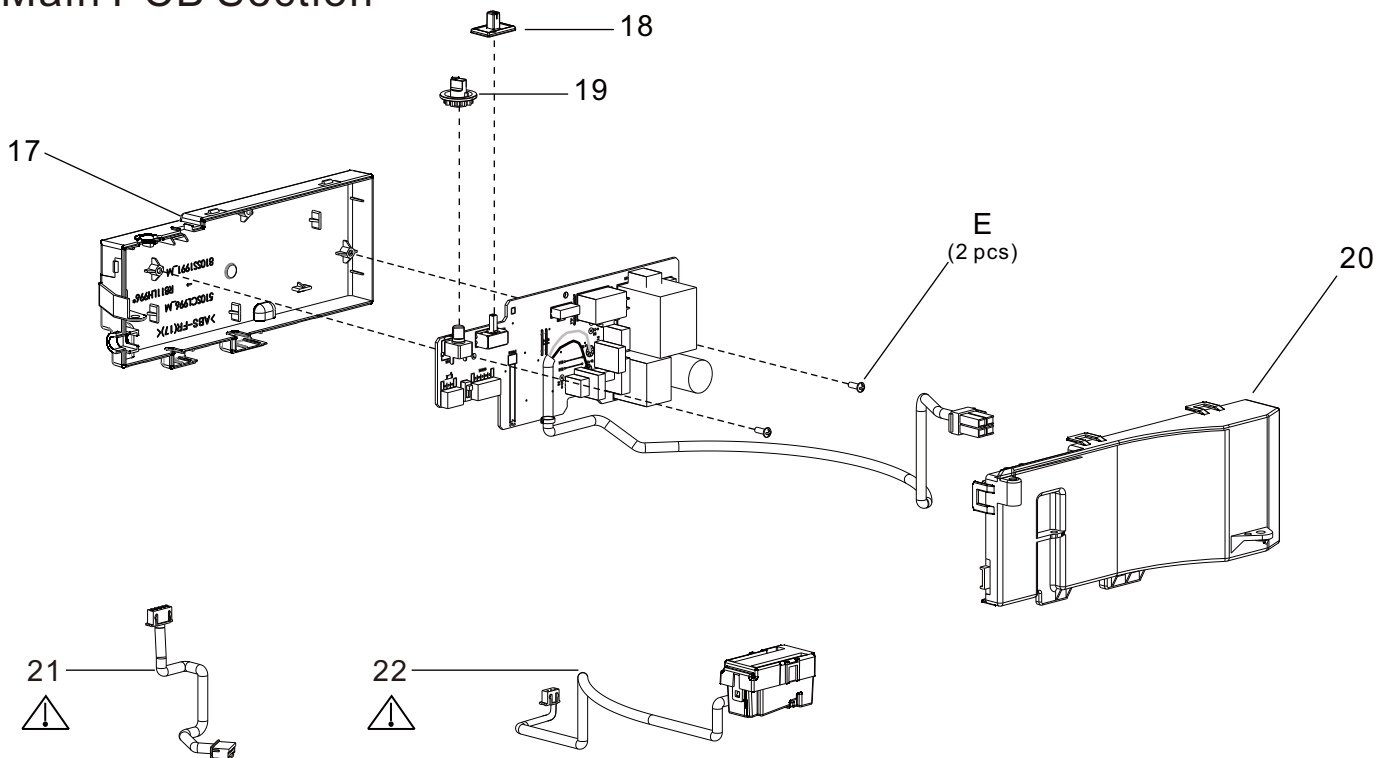
Main Body Section



2.Parts Identification

RG-R811LHA

Main PCB Section



Main Label

Panasonic Ventilating Fan

Model No. **RG-R811LHA** **FC** **M** Lot No.

AC 120 V 60 Hz 0.28 A (Fan) 0.1 A (Light)

	SP	CFM	Sones	CFM	Sones
4" Duct	0.1"	110	1.1	80	0.4
3" Duct	0.1"	110	1.5	80	0.7

Panasonic Corporation of North America
Assembled in Mexico

23

Secure screw tightly for ground continuity

24

TESTED/CERTIFIED

2100

HVI

Home Ventilating Institute

ENERGY STAR

Not for use in cooking area-See installation instructions./Non destiné à la zone de cuisson-Voir instructions d'installation./No usar en áreas donde se cocine - Consulte las instrucciones de instalación.

25

E78414

UL **US**

LISTED

FAN

26

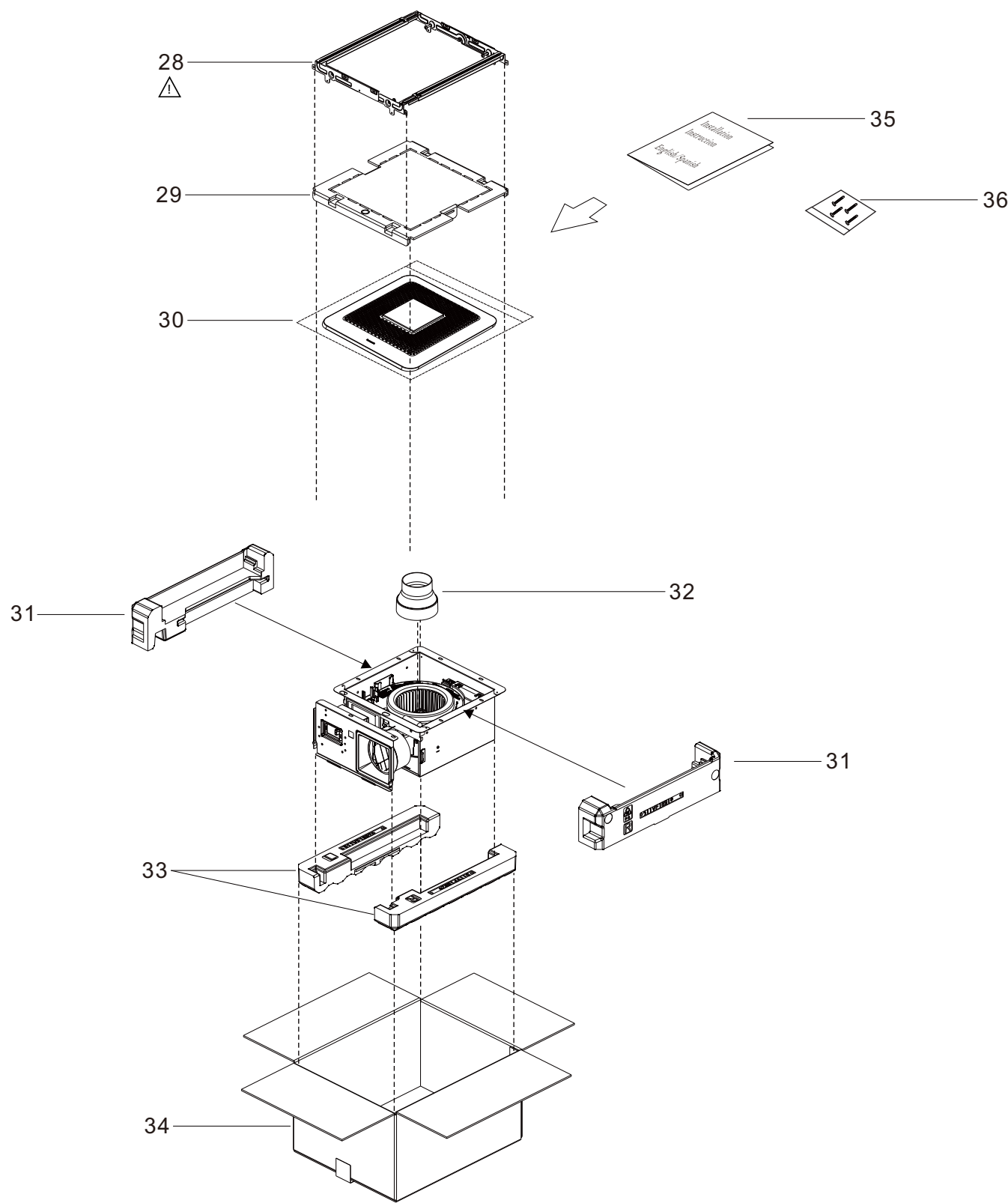


27

2. Parts Identification

RG-R811LHA

Packing Section



4. Parts List

RG-R811LHA

Main Body Section

No.	Part No.	Part Name	Q'ty	Remark
1	FFVR811LH900	Frame Assembly	1	
2	FFV511FL1910	Adapter Assembly	1	
3	FFV0900074S	Connector Plate	1	
4	FFV0900069S	Connector Assembly (L)	1	
5	FFV511VF1301	Connector Assembly (V)	1	
6	FFV3450010S	Ground Wire	1	
7	FFV2800027S	Junction Cover	1	
8	FFV511VF1M2	Motor	1	
9	FFV511VF1904	Motor Support	1	
10	FFV511VF1802	Blade	1	
11	FFVR811HAPCB	Main PCB Section	1	
12	FFV7020021S	Nut	1	
13	FFV511VF1906	Casing section	1	
14	FFVC811LH810	Grill Assembly	1	
15	FFV11QCL1070	Led Unit	1	
16	FFVC811LH811	Grill Section	1	
A	FFVXTT4-8FFJ	Screw (ST4-8)	6	
B	FFVXYM4DC8BN	Screw w/washer(M4-8)	1	
C	FFV7000089S	Screw (ST4-12)	8	
D	FFV7000065S	Bind Screw	2	

Main PCB Section

No.	Part No.	Part Name	Q'ty	Remark
17	FFV811LH996	Main PCB Box	1	
18	FFV510VS1M9	Speed Switch	1	
19	FFV510SCL99	Rotation Switch	1	
20	FFV510SCL97	Main PCB Cover	1	
21	FFV511VF1321	Motor Lead Wire	1	
22	FFV511FC1625	Humidity Sensor	1	
E	FFVXTN268GFJ	Screw	2	

4. Parts List

RG-R811LHA

Main Label

No.	Part No.	Part Name	Q'ty	Remark
23	FFVR811LH15	Name Plate	1	
24	FFV811LH152	Instruction Label	1	
25	FFV0810011S	Caution Label 1	1	
26	FFV2260003S	Holograph label	1	
27	FFV811LH013	Switch Label	1	

Packing Section

No.	Part No.	Part Name	Q'ty	Remark
28	FFV11QCL1920	Hanger Assy	1	
29	FFV511VF1450	Louver Pad Assy	1	
30	FFV4650016S	PolyCover with Print	1	
31	FFV511VF1891	Top Pad	1	
32	FFV511VF1922	Adapter Connector	1	
33	FFV511VF1892	Bottom Pad	1	
34	FFVR811LH40	Packing Case Assy	1	
35	FFVR811LH42	Installation Inst (ES)	1	
36	FFV11KSL1M031A	Accessory A	1	