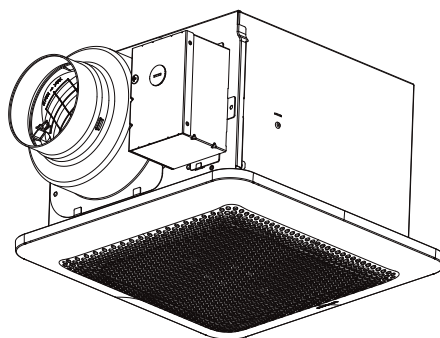


Service Manual

Ventilating Fan
(North America Market)



RG-C811A

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..

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1. Specification

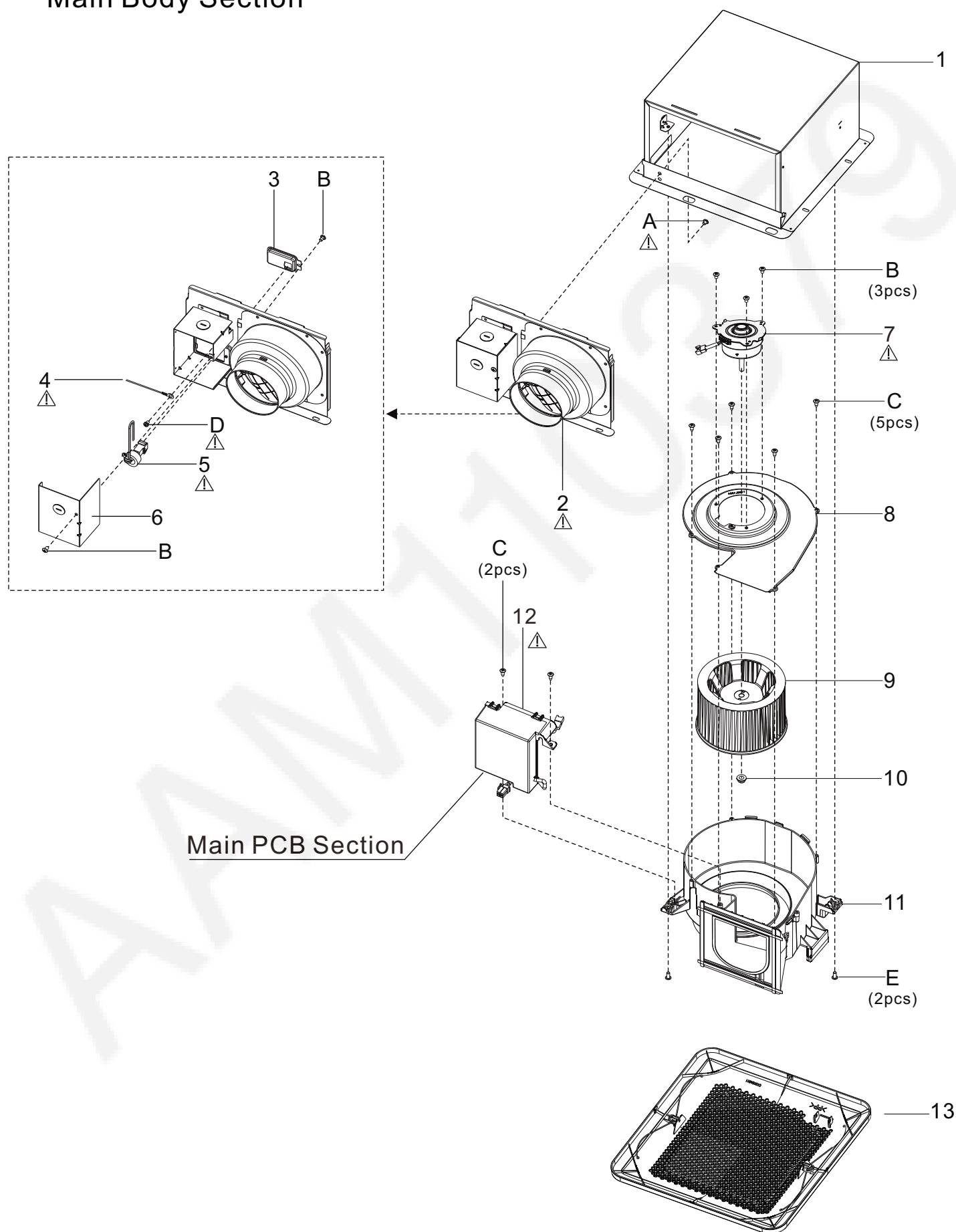
Model No.	Air direction	Voltage (V)	Frequency (Hz)	Duct diameter (inches)	Air volume at 0.1" WG (CFM)	Noise (sones)	Speed (rpm)	Power (W)	Weight lb. (kg)
RG-C811A	Exhaust	120	60	4 or 6	80	<0.3	824	6.5	9.3(4.2)
					110	0.5	984	11.1	

HVI Certified performance based on HVI Procedures 915, 916, and 920.

1. Parts Identification

RG-C811A

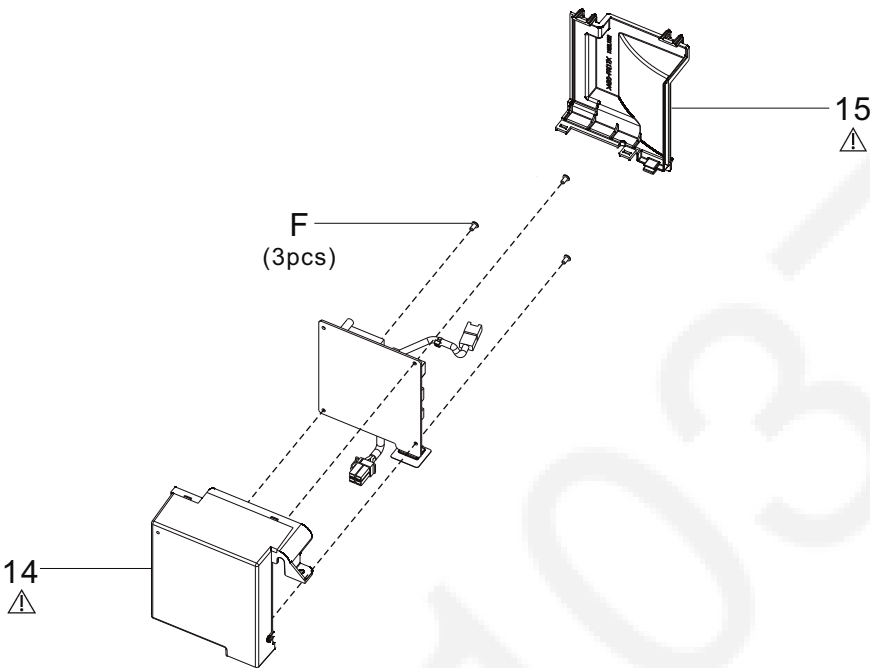
Main Body Section



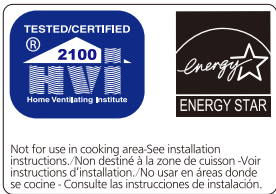
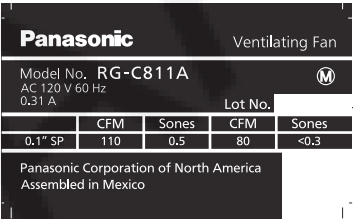
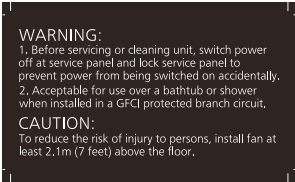
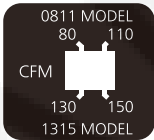
2. Parts Identification

RG-C811A

Main PCB Section



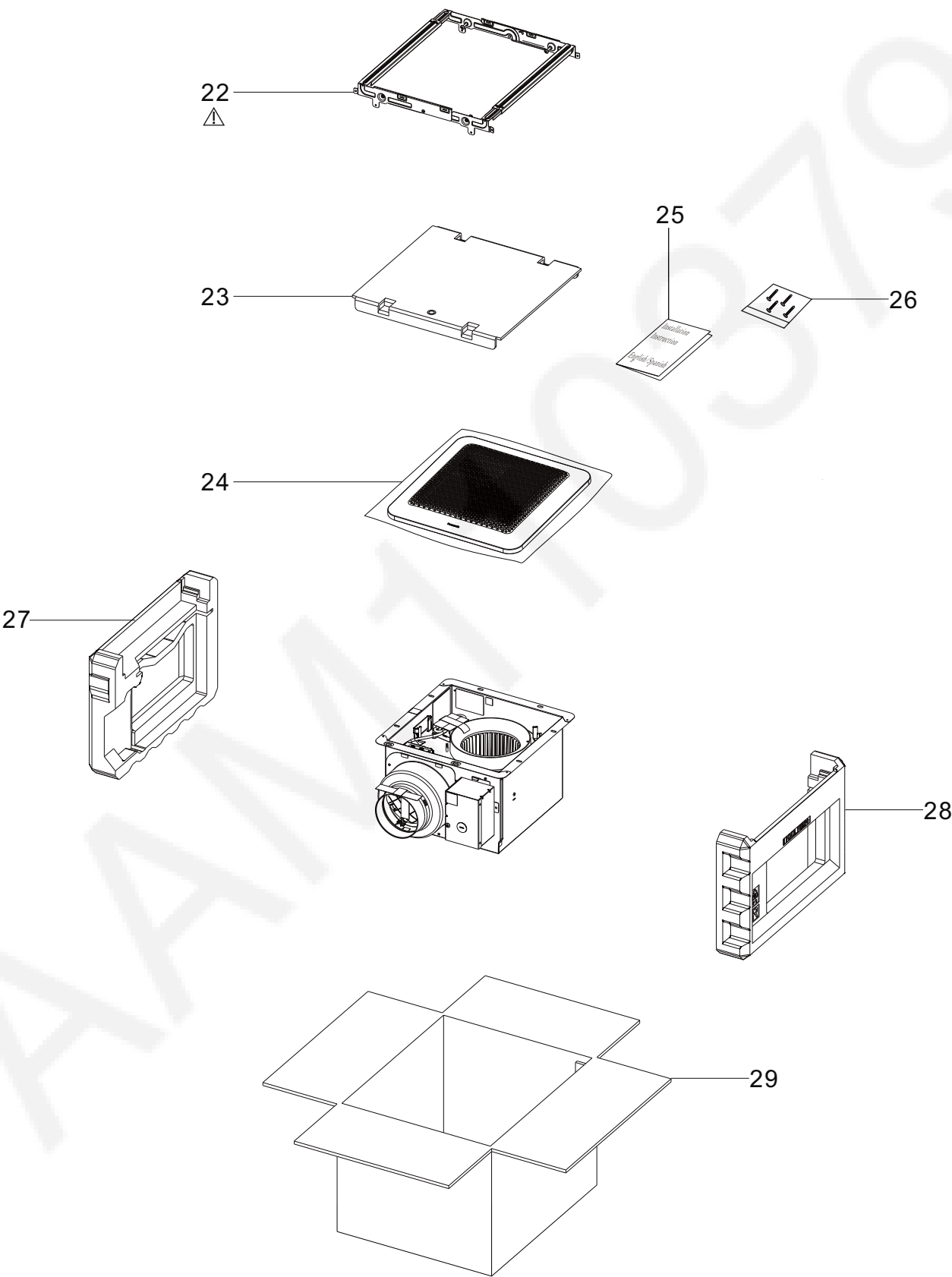
Main Label



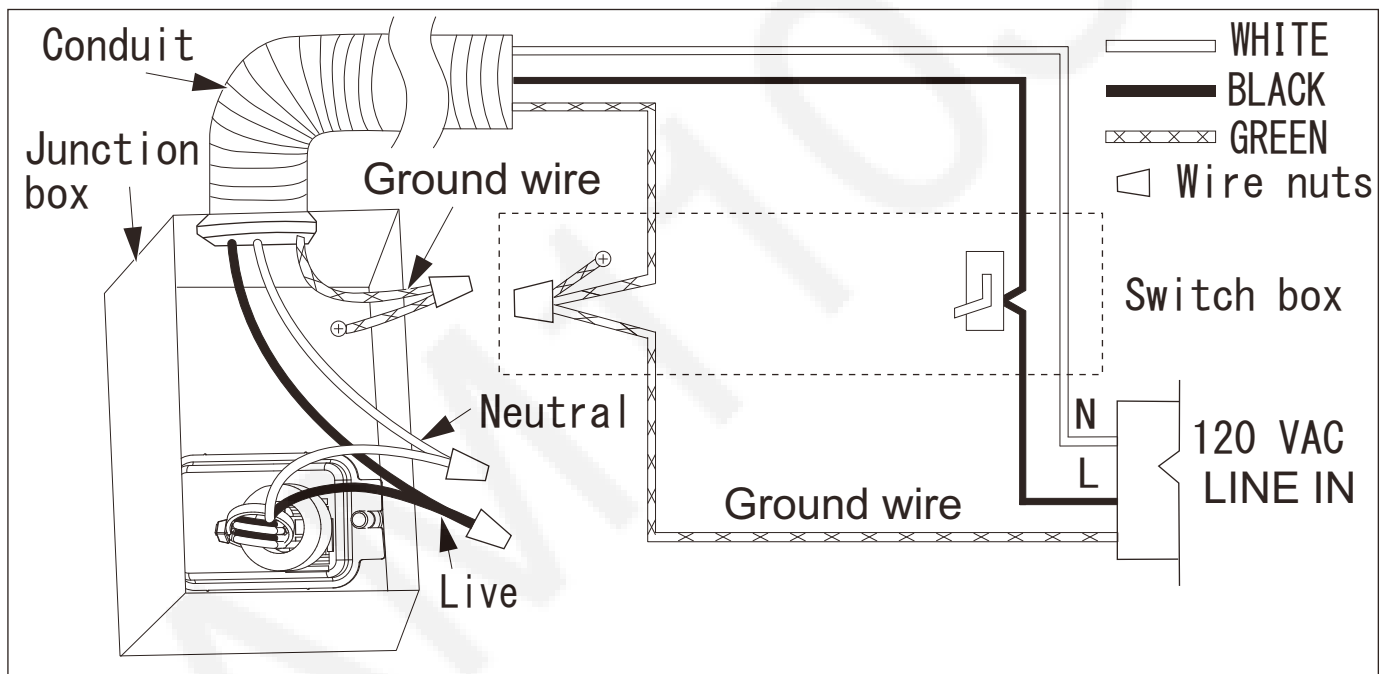
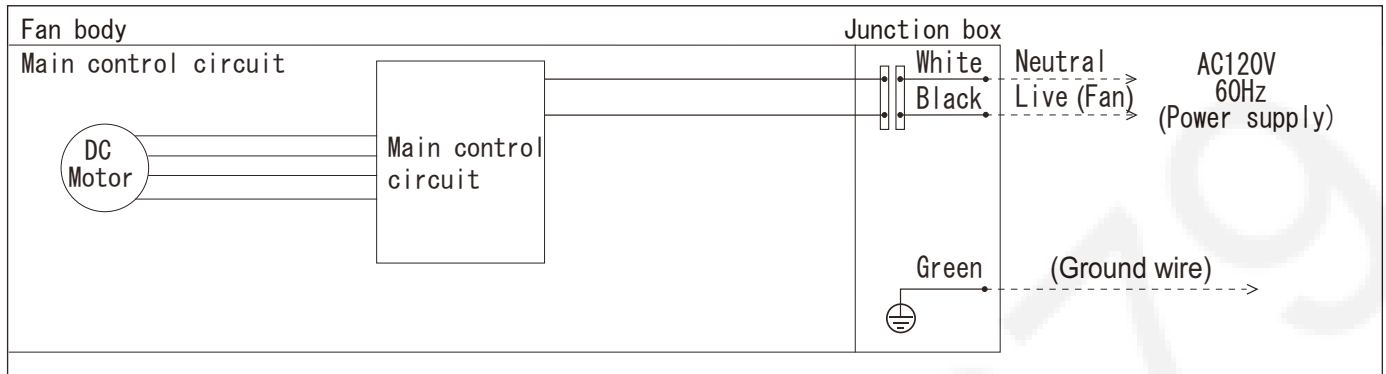
2. Parts Identification

RG-C811A

Packing Section



3.Wiring Diagram



4. Parts List

RG-C811A

Main Body Section

No.	Part No.	Part Name	Q'ty	Remark
1	FFVC811LH900	Frame Assembly	1	
2	FFV11VQC1910	Adapter Assembly	1	⚠
3	FFV08VKS3M915	Connector Plate	1	
4	FFV11QCL1331	Ground Wire	1	⚠
5	FFV11QCL1301A	Connector Assy	1	⚠
6	FFV11QCL1912A	Junction Cover	1	
7	FFV11QCL1M21AX	Motor	1	⚠
8	FFV11QCL1904C	Motor Support	1	
9	FFV0400114S	Blade	1	
10	FFV7020021S	Nut	1	
11	FFV11QCL1906B	Casing	1	
12	FFVC811APCB	Main PCB section	1	⚠
13	FFV1315A810	Grill Assembly	1	
A	FFVXYM4-E8FJ	Screw (M4-8)	1	⚠
B	FFVXTT4-8FFJ	Screw (ST4-8)	5	
C	FFV7000089S	Screw (ST4-12)	7	
D	FFVXYM4DC8BN	Screw w/washer (M4-8)	1	⚠
E	FFV7000065S	Screw (M4-12)	2	

Main PCB Section

No.	Part No.	Part Name	Q'ty	Remark
14	FFVC1315A991	Main PCB Box	1	⚠
15	FFV11QCL1992C	MAIN PCB Cover	1	⚠
F	FFVXTN3-8GFJ	Screw (M3-8)	3	

4. Parts List

RG-C811A

Main Label

No.	Part No.	Part Name	Q'ty	Remark
16	FFV811LH112	Speed Switch Label	1	
17	FFV811A1051	Name Plate	1	
18	FFV811LH183	Caution Label	1	
19	FFV811LH152	Instruction Label	1	
20	FFV2260003S	Holograph Label	1	
21	FFV0810011S	Caution Label 1	1	

Packing Section

No.	Part No.	Part Name	Q'ty	Remark
22	FFV11QCL1920	Hanger Assy	1	
23	FFV4710381S	Grill Pad Assy	1	
24	FFV4650016S	Poly Cover	1	
25	FFV811A1421	Installation Inst	1	English / Spanish For USA Market
26	FFV11KSL1M031A	Accessory A	1	
27	FFV11QCL1891	Left Pad	1	
28	FFV11QCL1892	Right Pad	1	
29	FFV811A1401	Packing Case Assy	1	