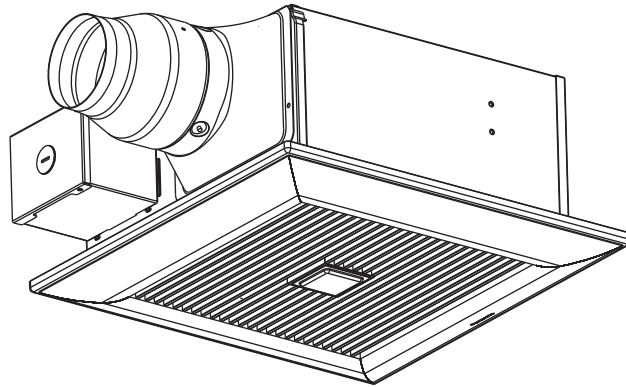


Service Manual

Ventilating Fan
(North America Market)

FV-08-11VFM5



⚠ 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 \triangle 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 permission of manufacture. We suggest to handle such parts after the static electricity prevention. It is forbidden to touch the PCB parts by bare hands during the repairing process.

CONTENTS

	PAGE
1.Specifications-----	1
2.Parts Identification-----	2~3
3.Wiring Diagram-----	4
4.Parts List-----	5~6

1. Specifications

F-08-11VFM5

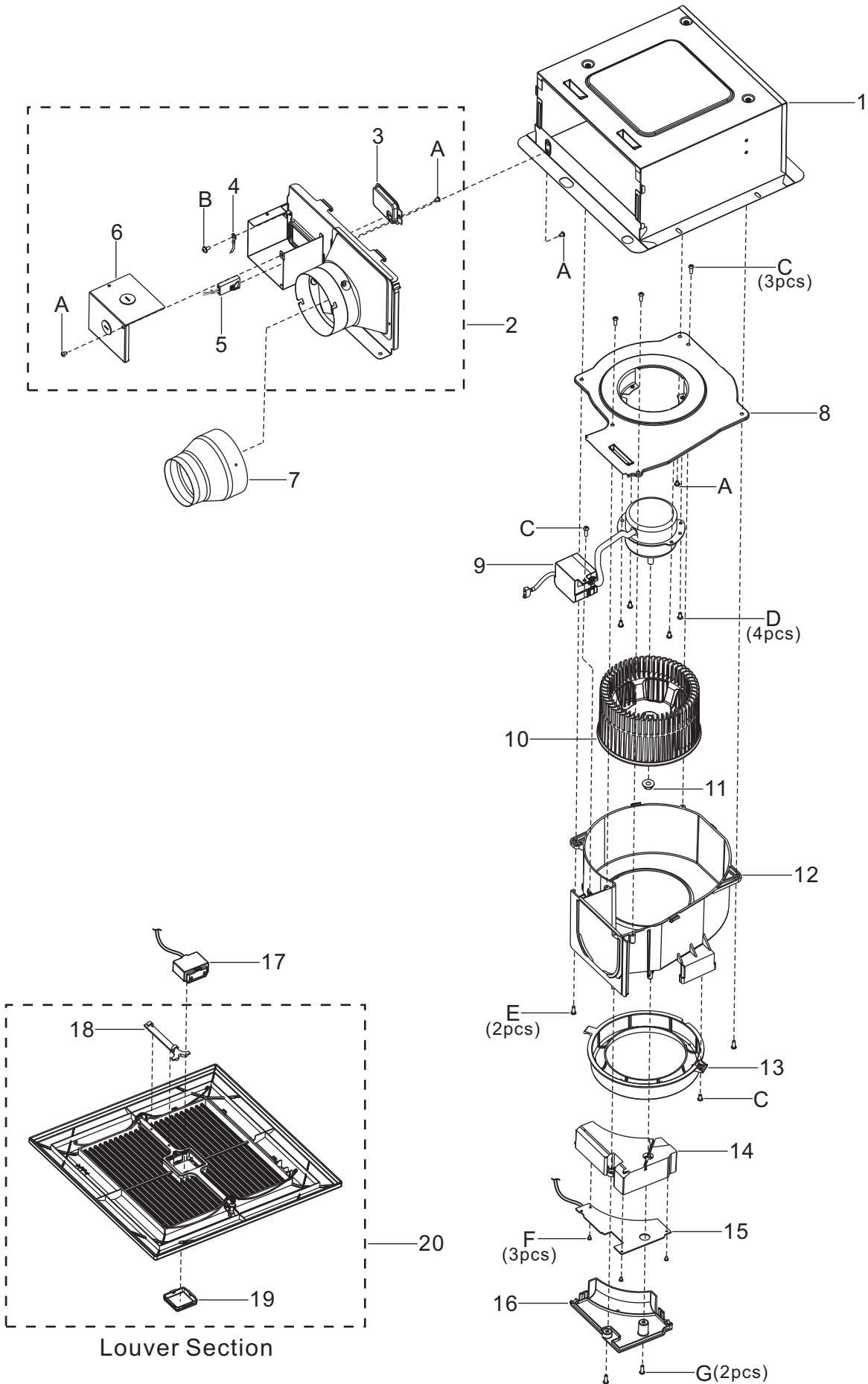
Model No.	Air direction	Voltage (V)	Frequency (Hz)	Duct diameter (inches)	Air volume at 0.1"WG (CFM)	Noise (sones)	Speed (rpm)	Power (W)	Weight lb.(kg)
								Fan	
FV-08-11VFM5	Exhaust	120	60	3	70	0.5	1036	21.4	9.9(4.5)
					100	1.3	1246	26.8	
				4	80	0.3	890	21.6	
					110	0.8	1015	27.0	

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

2. Parts Identification

F-08-11VFM5

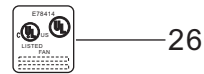
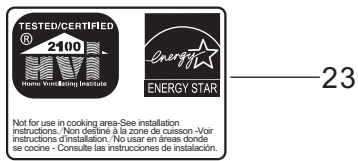
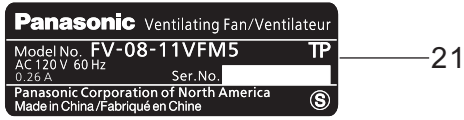
Main Body Section



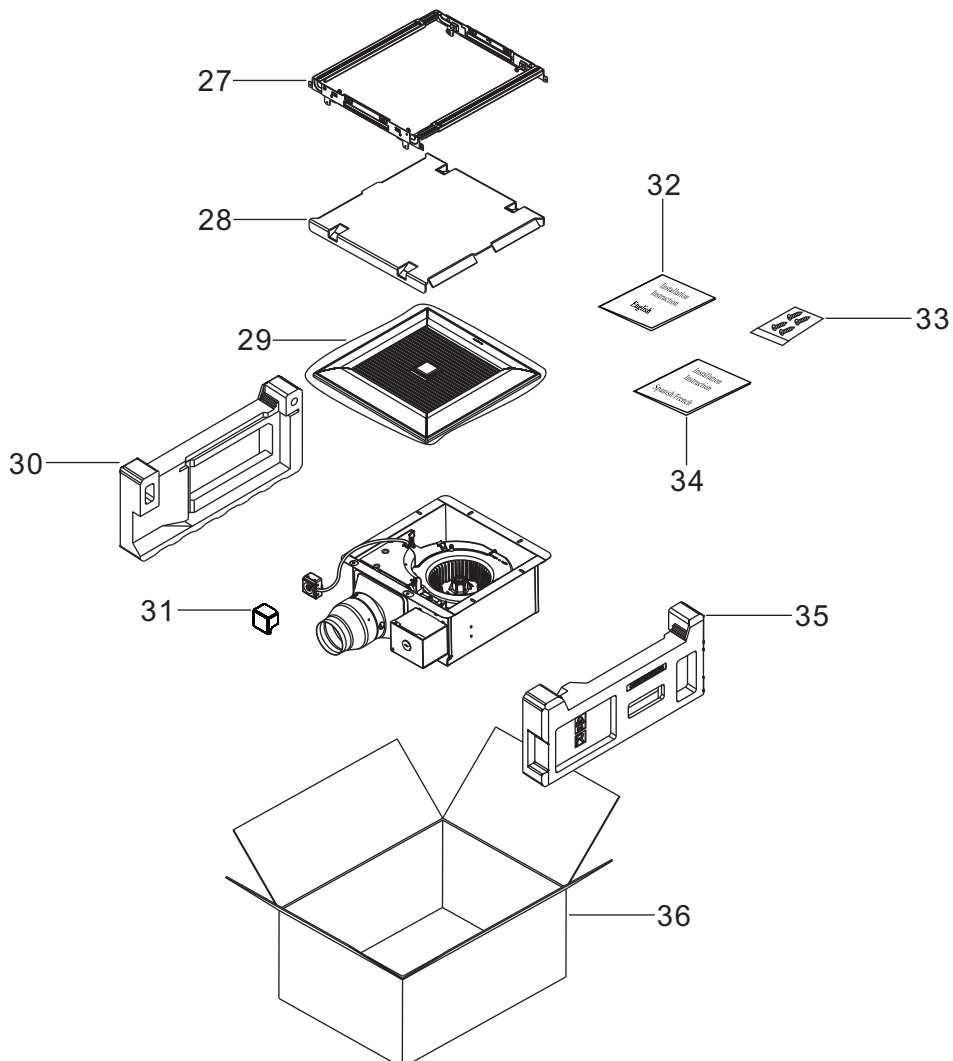
2. Parts Identification

F-08-11VFM5

Main Labels

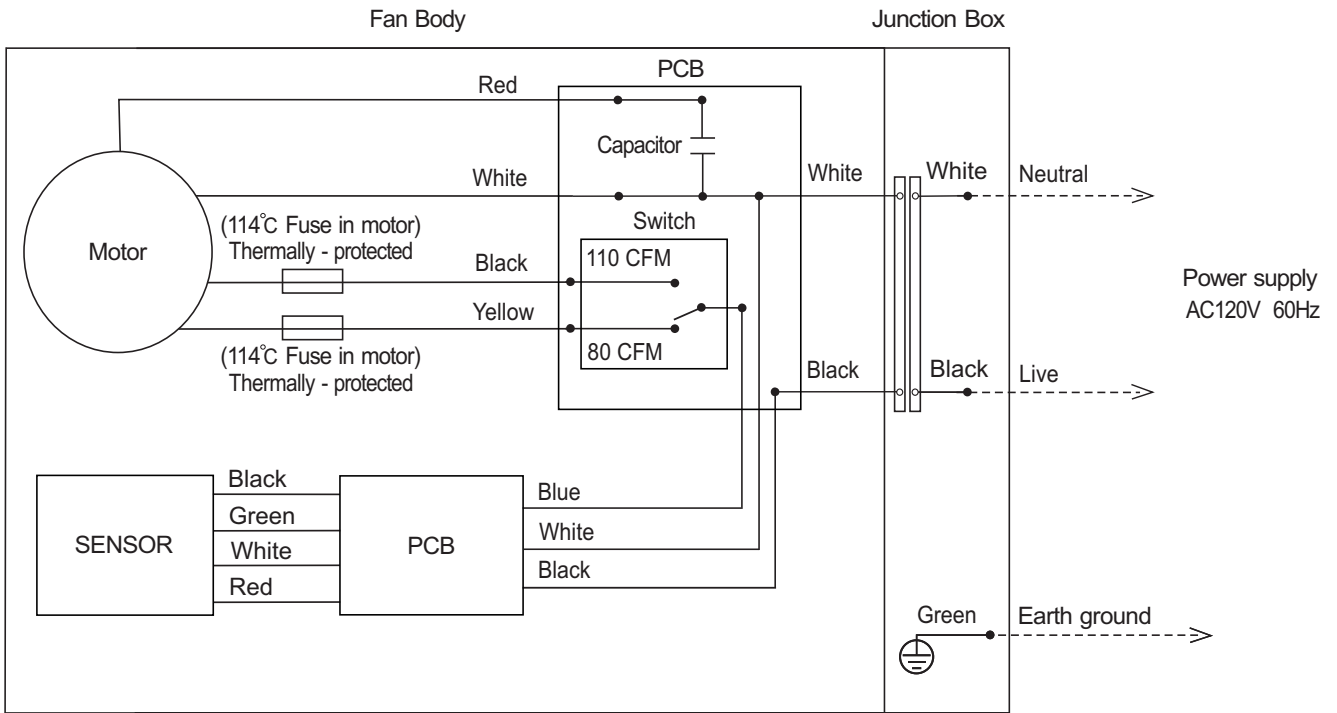


Packing Section



3. Wiring Diagram

F-08-11VFM5



4. Parts List

F-08-11VFM5

Main Body Section

No.	Part No.	Part Name	Q'ty	Remark
1	FFV1600146S	Frame Assembly	1	
2	FFV0000155S	Adapter Assembly	1	⚠
3	FFV0900052S	Connector Plate	1	
4	FFV3450010S	Earth Lead Wire	1	⚠
5	FFV0900059S	Connector Assembly (V)	1	⚠
6	FFV2800020S	Junction Cover	1	
7	FFV0000038S	Adapter Connector	1	
8	FFV3702266S	Motor Support	1	
9	FFV3702268S	Motor Unit	1	⚠
10	FFV0400119S	Blade	1	
11	FFV7020021S	Nut	1	For Fixing Blade
12	FFV0790115S	Casing	1	Include 1pc Packing
13	FFV4300131S	Orifice	1	
14	FFV3740018S	Main PCB Box	1	
15	FFV3740019S	Main PCB Assembly	1	⚠
16	FFV3740020S	Main PCB Box Cover	1	
17	FFV5500045S	Sensor Assembly	1	
18	FFV2520025S	Insulation Plate	1	
19	FFV2220051S	Sensor Cover	1	
20	FFV3420031S	Louver Section	1	
A	FFV7000108S	Truss Tap Screw	4	
B	FFV7000203S	Earth Lead Wire Screw	1	For Fixing Lead Wire ⚠
C	FFV7000089S	Truss Tap Screw	5	
D	FFV7000074S	Truss Tap Screw	4	
E	FFV7000080S	Plus Bind Screw	2	
F	FFV7000145S	Truss Tap Screw	3	
G	FFV7000193S	Truss Tap Screw	2	

Main Labels

No.	Part No.	Part Name	Q'ty	Remark
21	FFV4020844S	Name Plate	1	
22	FFV5530075S	Switch Label	1	
23	FFV0810011S	Caution Label 1	1	
24	FFV0810010S	Caution Label	1	
25	FFV6730045S	Warning Label	1	
26	FFV2260003S	UL Mark	1	

4. Parts List

F-08-11VFM5

Packing Section

No.	Part No.	Part Name	Q'ty	Remark
27	FFV2230024S	Hanger Assembly	1	
28	FFV4710381S	Louver Case Assembly	1	
29	FFV4650016S	Poly Cover	1	For Louver Section Packing
30	FFV4710394S	Left Pad	1	
31	FFV4710330S	Sensor Pad	1	
32	FFV2540187S	Installation Instructions	1	English,For CA Market/USA Market
33	FFV0010238S	Accessory A	1	
34	FFV2540188S	Installation Instructions	1	French,For USA Market
(34)	FFV2540189S	Installation Instructions	1	Spanish,For CA Market
35	FFV4710395S	Right Pad	1	
36	FFV9001207S	Packing Case Assembly	1	