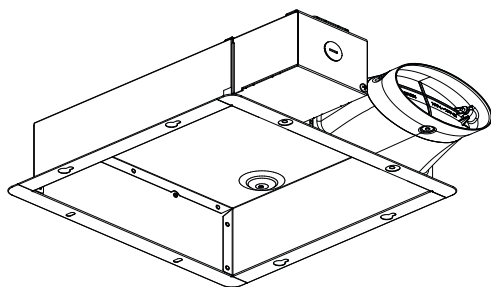


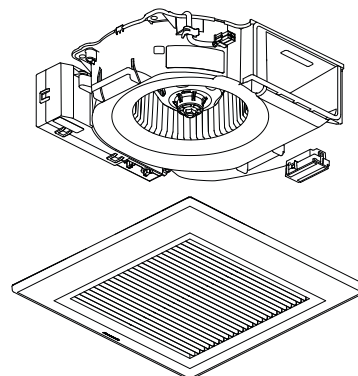
Service Manual

Housing Can / Motor / Grille Assembly

Model: **FV-0510VSCAB1** (FV-0510VSA1 + FV-0510VSCB1)



FV-0510VSA1



FV-0510VSCB1



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 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.

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1. Specifications

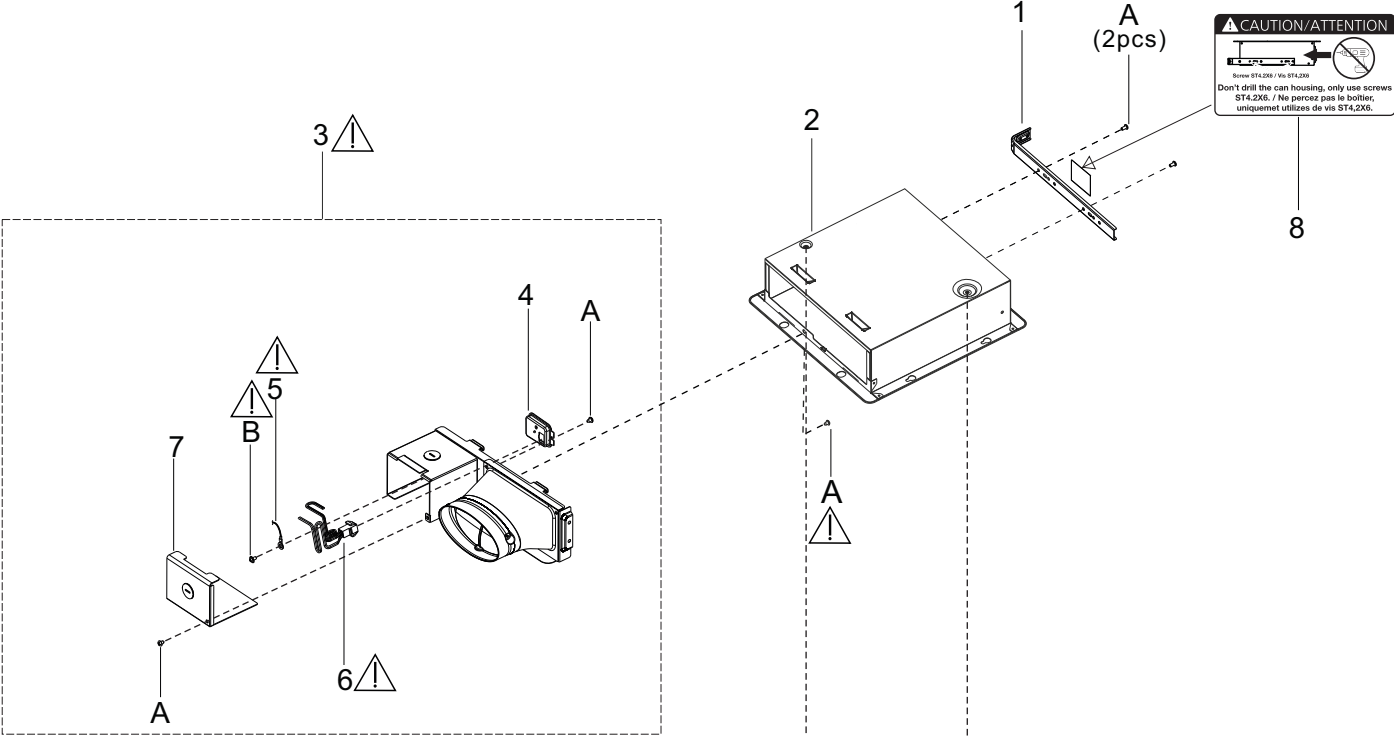
Model No.	Air Direction	Voltage (V)	Frequency (Hz)	Duct diameter (Inches)	Air volume at 0.1" WG (CFM)	Noise (Sones)	Speed (rpm)	Power (W)	Weight lb.(kg)
FV-0510VSCAB1	Exhaust	120	60	4	50	<0.3	733	4.5	7.0 (3.2)
					80	0.4	856	8.5	
					100	0.9	970	13.4	

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

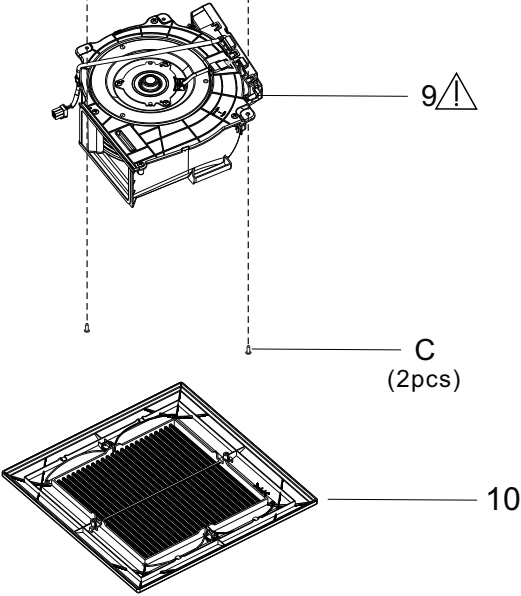
Parts Identification

Main Body Section

FV-0510VSA1



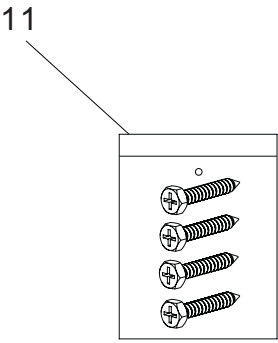
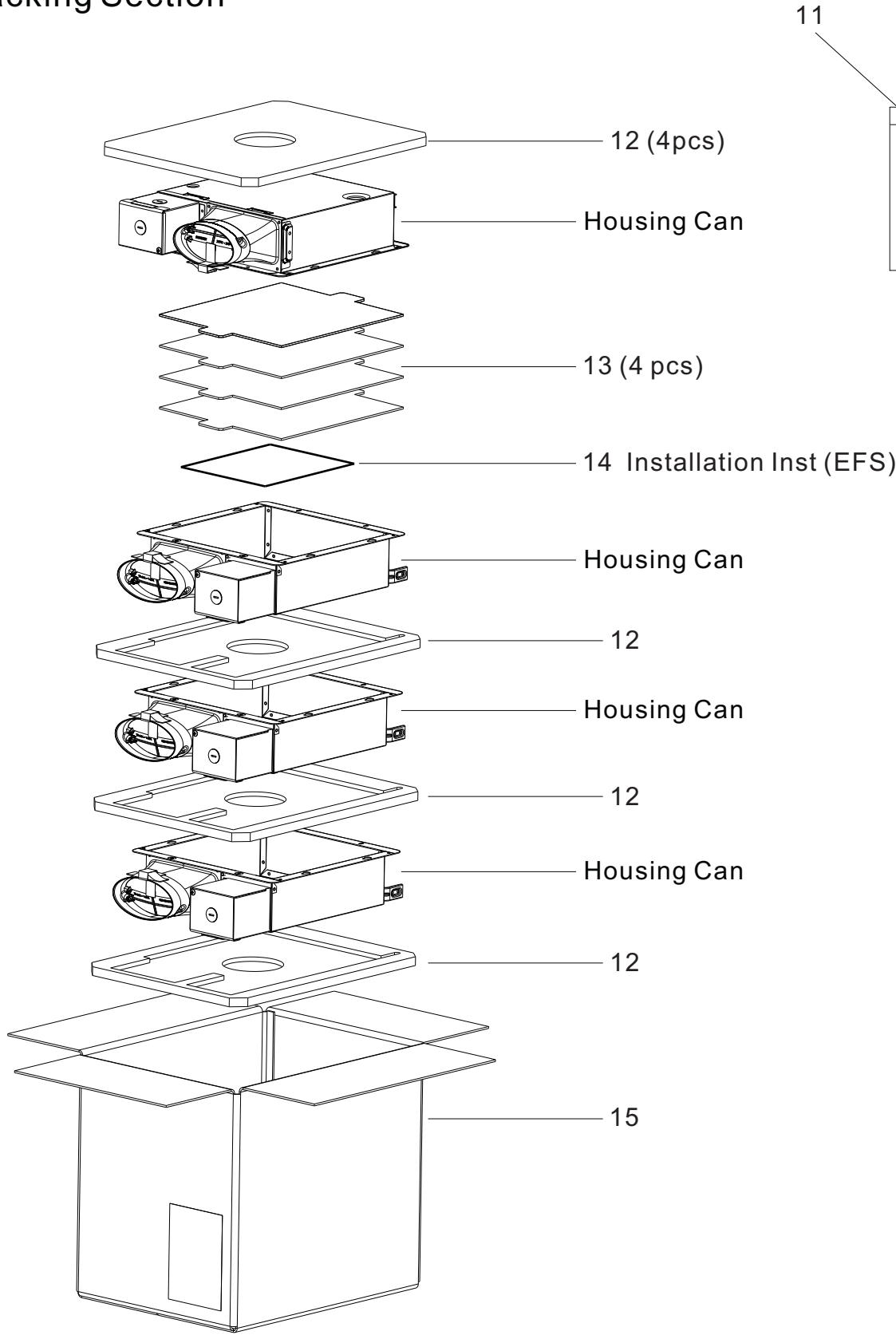
FV-0510VSCB1



2. Parts Identification

FV-0510VSA1

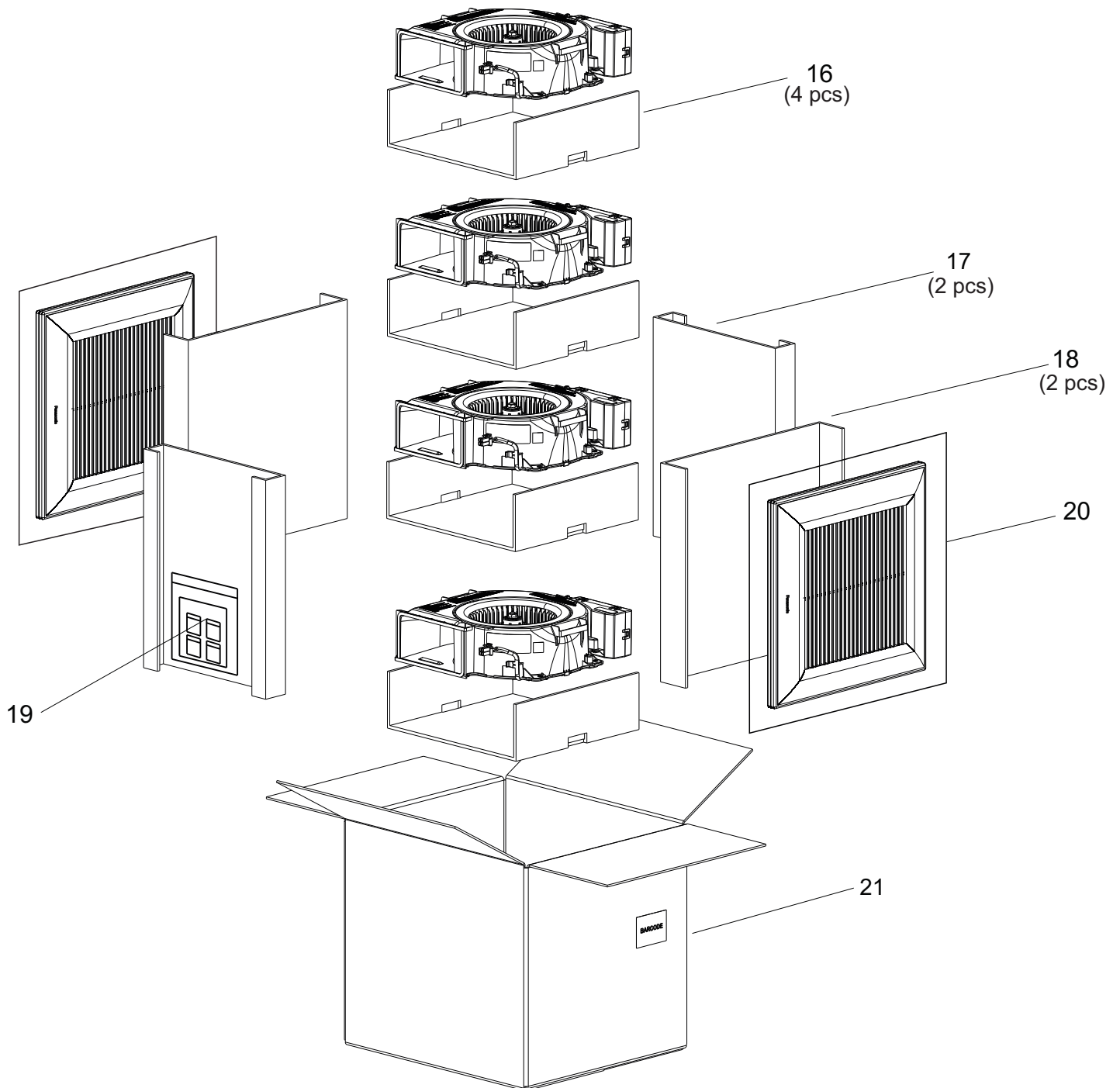
Packing Section



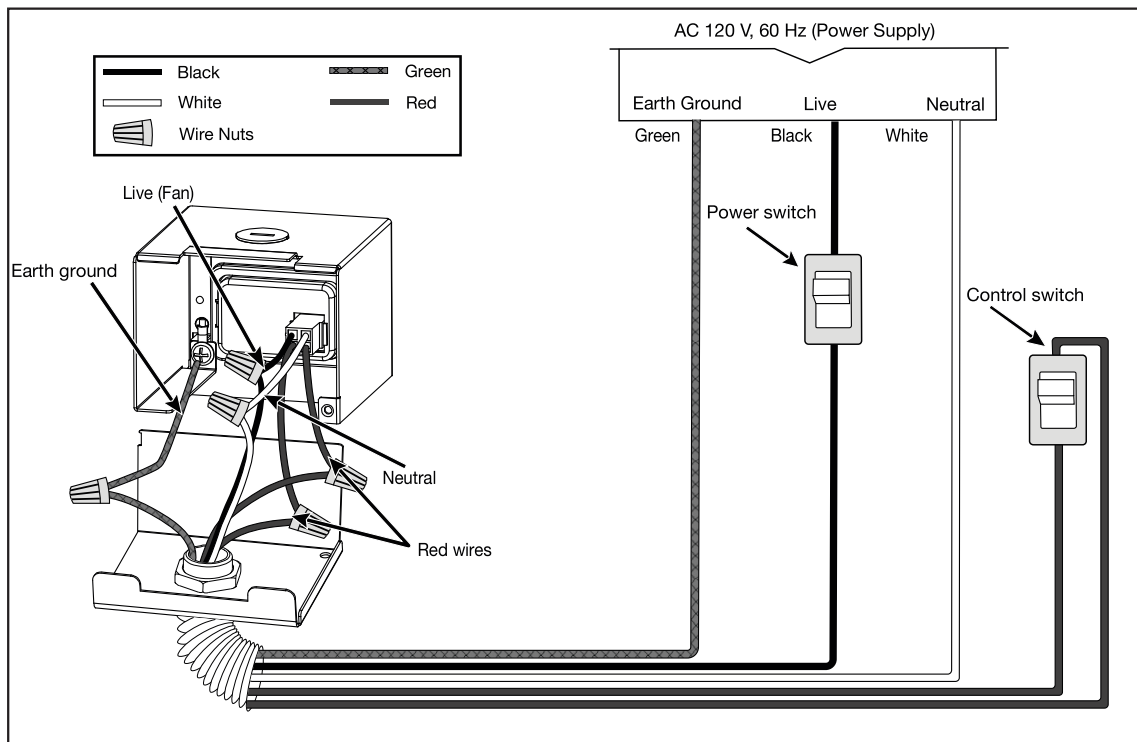
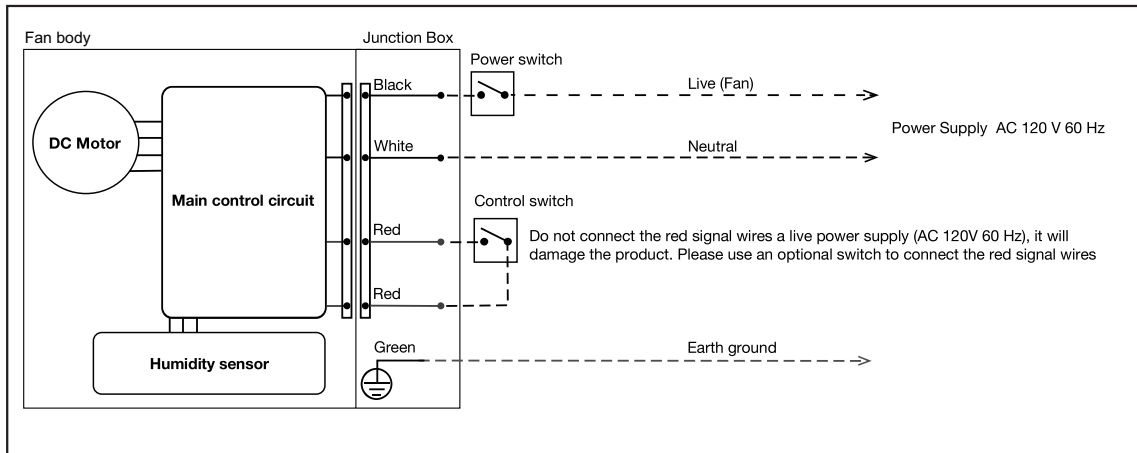
2. Parts Identification

FV-0510VSCB1

Packing Section



3. Wiring Diagram



4. Parts List

Main body Section

No.	Part No.	Part Name	Q'ty	Remark
1	FFV5710025S	Suspension Bracket	1	
2	FFV510VSFA	Frame Assy	1	
3	FFV510SCAA	Adapter Assy	1	⚠
4	FFV08VKS3M915	Connector Plate	1	
5	FFV3450010S	Earth Lead Wire	1	⚠
6	FFV510SCLCA	Connector Assy (V)	1	⚠
7	FFV2800027S	Junction Cover	1	
8	FFV510VS1PL	Prevention Label	1	
A	FFV7000108S	Truss Tappin Neji	2	
B	FFVXYM4DC8BN	Bind Screw W/Whasher	1	
C	FFV7000202S	Bind Tap Screw	2	

No.	Part No.	Part Name	Q'ty	Remark
9	FFV0510VSCS	Casing Section	1	⚠
10	FFV3400146S	Louver Assy	1	

Packing Section

No.	Part No.	Part Name	Q'ty	Remark
11	FFV510VS1AA	Accessory A	1	
12	FFV10VSA402	Carton Pad	4	
13	FFV510VSCPA	Louver Pad Assy	4	
14	FFV510VCBIN	Installation Inst (EFS)	1	
15	FFV510VSAPC	Packing Case Assy	1	

No.	Part No.	Part Name	Q'ty	Remark
16	FFVSB303ZM	Casing Pad	4	
17	FFVSB009ZM	Support Pad	2	
18	FFVSB605ZM	Louver Pad	2	
19	FFVSB431M2	Accessory B	1	
20	FFV4650016S	Poly Cover with Print	1	
21	FFV510VCBPC	Packing Case Assy	1	