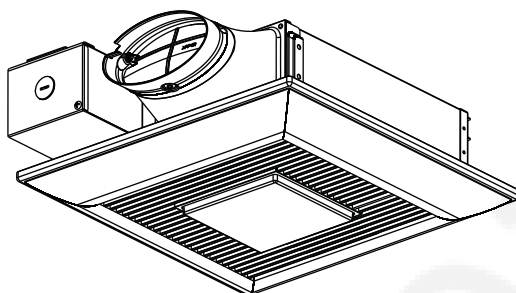


Service Manual

Ventilating Fan



FV-0810VSSL1



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-0810VSSL1	Exhaust	120	60	4	30	<0.3	711	3.4	7.9 (3.6)
					40	<0.3	723	3.8	
					50	<0.3	733	4.5	
					60	<0.3	770	5.3	
					70	<0.3	805	6.5	
					80	0.4	856	8.5	
					100	0.9	954	12.4	

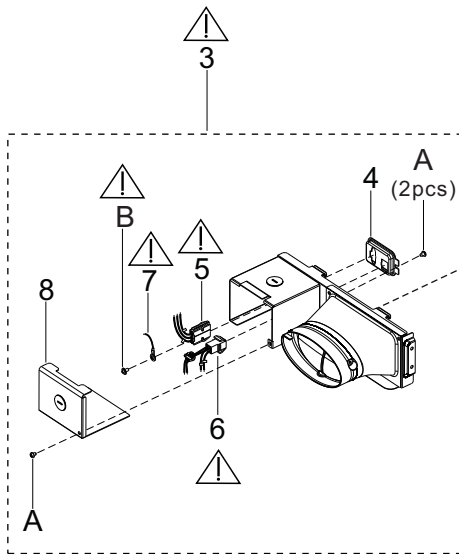
HVI Certified performance based on HVI Procedures 915, 916, and 920.

2. Parts Identification

FV-0810VSSL1

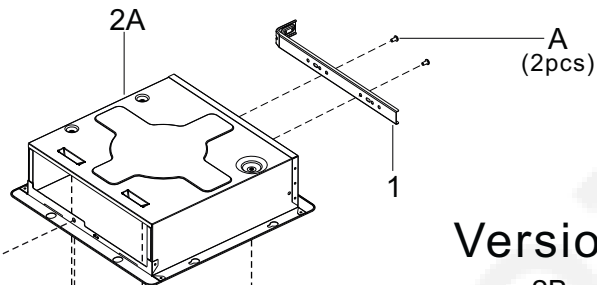
Main Body Section

Version A

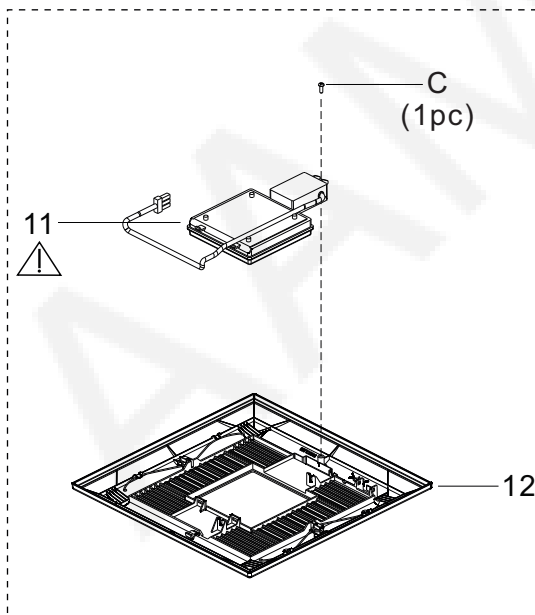
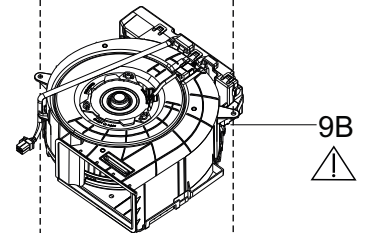
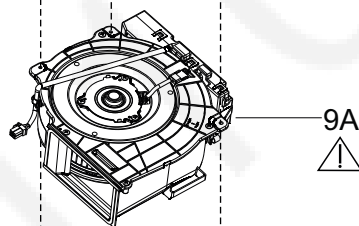
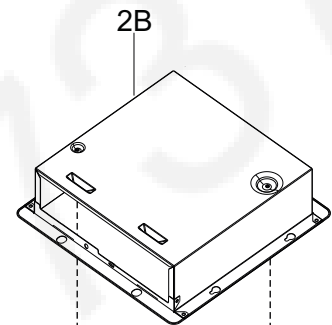


Adapter Assy

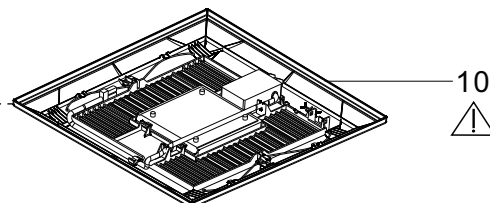
Note: Versions A and B meet the same specifications and are **compatible with each other.**



Version B



Grill Assy



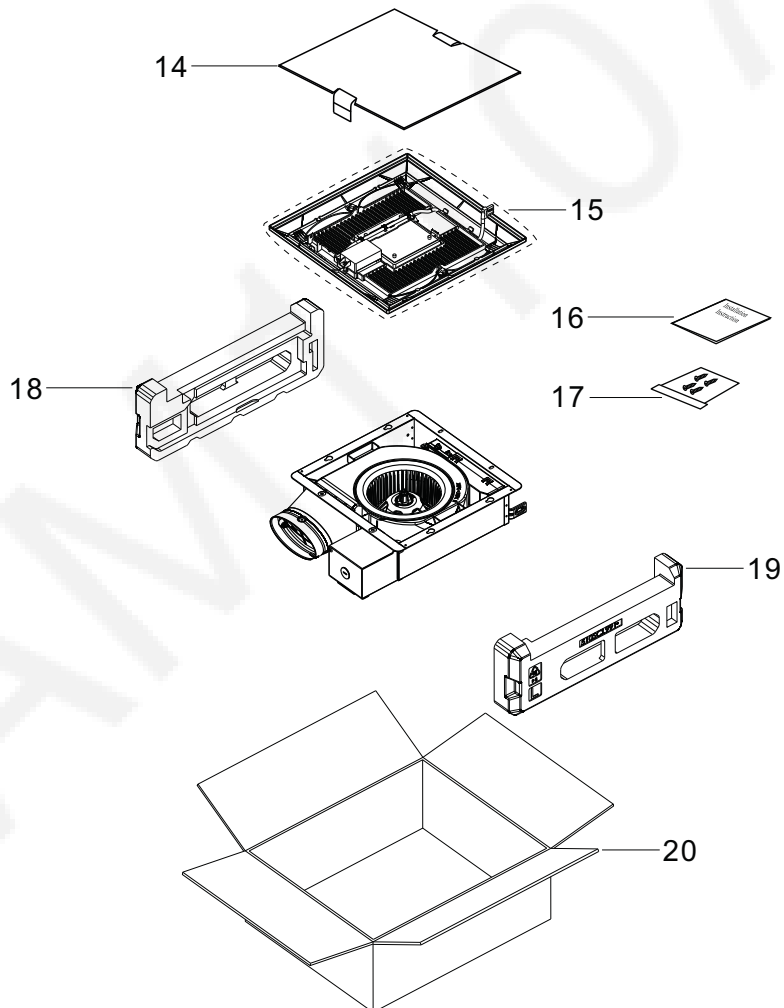
2. Parts Identification

FV-0810VSSL1

Main Labels

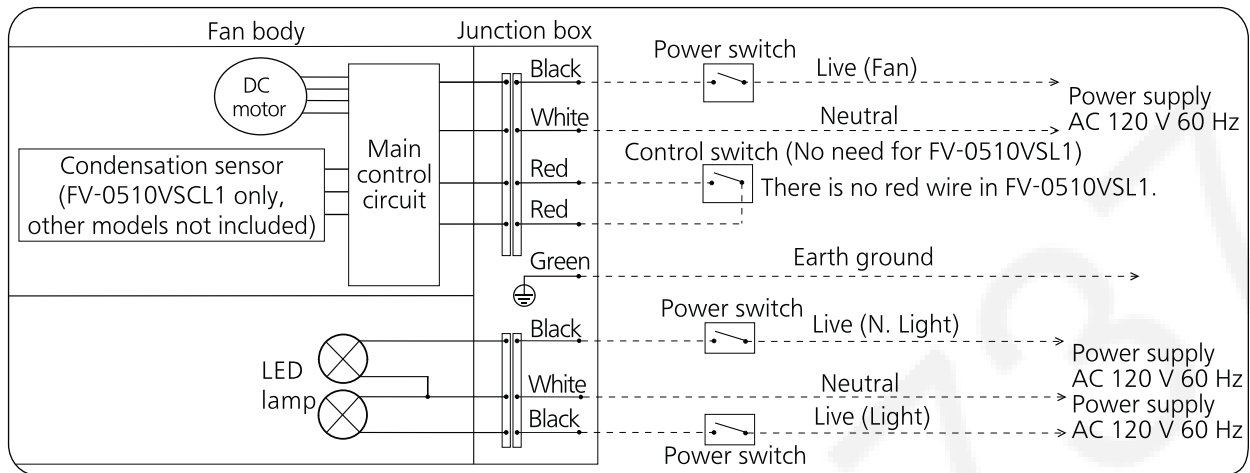
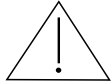


Packing Section



3. Wiring Diagram

FV-0810VSSL1



4. Parts List

FV-0810VSSL1

Main Body Section

No.	Part No.	Part Name	Q'ty	Remark
1	FFV5710025S	Suspension Bracket	1	
2A	FFV1600159S	Frame Assy	1	
2B	FFV510VSFA	Frame Assy	1	
3	FFV0000172S	Adapter Assy	1	⚠
4	FFV0900054S	Connector Plate	1	
5	FFV0900069S	Connector Assy (L)	1	⚠
6	FFV0900073S	Connector Assy (V)	1	⚠
7	FFV3450010S	Earth Lead Wire	1	⚠
8	FFV2800027S	Junction Cover	1	
9A	FFV0810VSS1M	Casing Section	1	⚠
9B	FFV0810VSSCS	Casing Section	1	⚠
10	FFV3400147S	Louver Assy	1	⚠
11	FFV3400148S	Led Unit	1	⚠
12	FFV3400149S	Louver Unit	1	
A	FFV7000108S	Truss Tap Screw	5	
B	FFV7000227S	Earth Screw Assy	1	
C	FFV7000202S	Bind Tap Screw	5	

Main Labels

No.	Part No.	Part Name	Q'ty	Remark
13	FFV6730110S	Warning Label	1	

Packing Section

No.	Part No.	Part Name	Q'ty	Remark
14	FFV510VSCPA	Louver Pad Assy	1	
15	FFV4650016S	Poly Cover	1	
16	FFV510SCL34	Installation Instructions	1	
17	FFV510VS1AA	Accessory A	1	
18	FFV4710431S	Right Pad	1	
19	FFV4710432S	Left Pad	1	
20	FFV810SL1410	Packing Case Assy	1	