

Eagle Eye VS-12 DC Installation Instructions

The VS-12 fan unit is designed for venting battery charging rooms where 24 or 48 VDC is available. It is designed to mount on any outside wall with a thickness of 1.5 to 8 in. (38.1 to 203.2 mm).

1. First choose a location for the fan. Normally the VS-12 is mounted on an outside wall near the ceiling of the room.
2. Cut a 12.25 in. (311.15 mm) square opening. Remove the mounting collar. Use a sealing compound on the VS-12 exterior flange and insert the unit into the wall from the outside with the rain louvers pointing down.
3. Holding the unit firmly in place, slide the mounting collar over the fan housing and secure with sheet metal screws using the predrilled holes in the collar.
4. The flexible shielded electrical conduit contains four wires. Red (+) and Black (-) are for connection to DC power. See the data plate on the VS-12 for the appropriate voltage. The other two wires are White and Orange and connect to a normally open switch or relay contacts.

When the contacts close, the powered dampers will open and the 850 CFM fan will turn on. The green status light will come on. When the contacts open, the fan will turn off, the powered dampers will close, and the green light will go off.