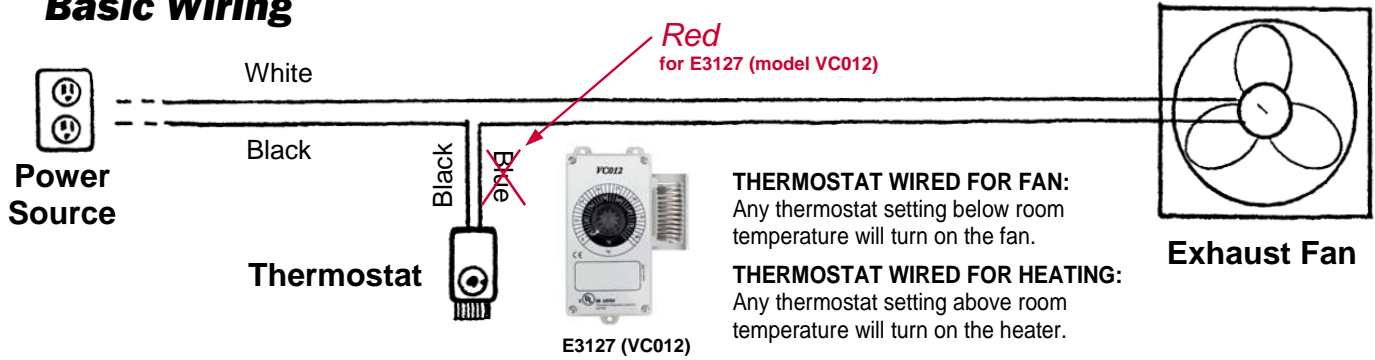
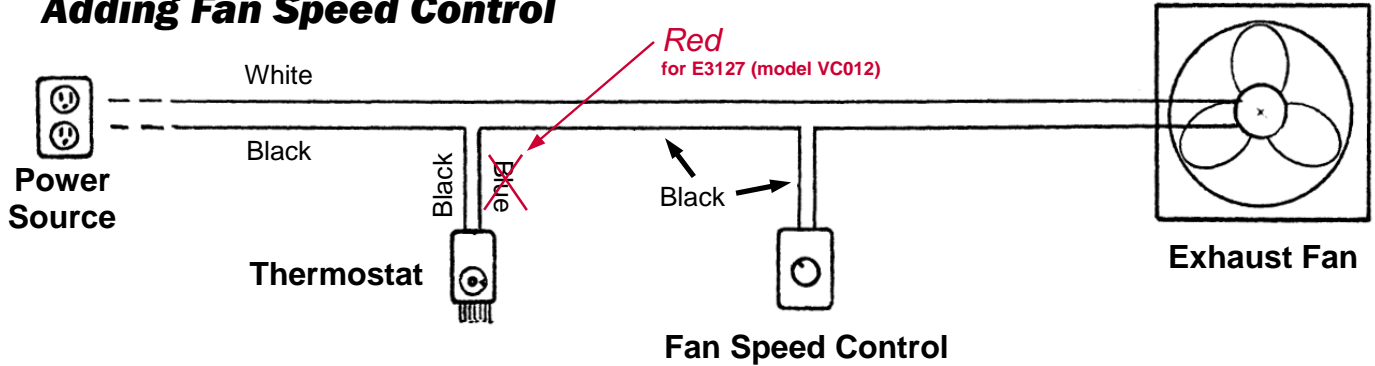


WIRING DIAGRAMS

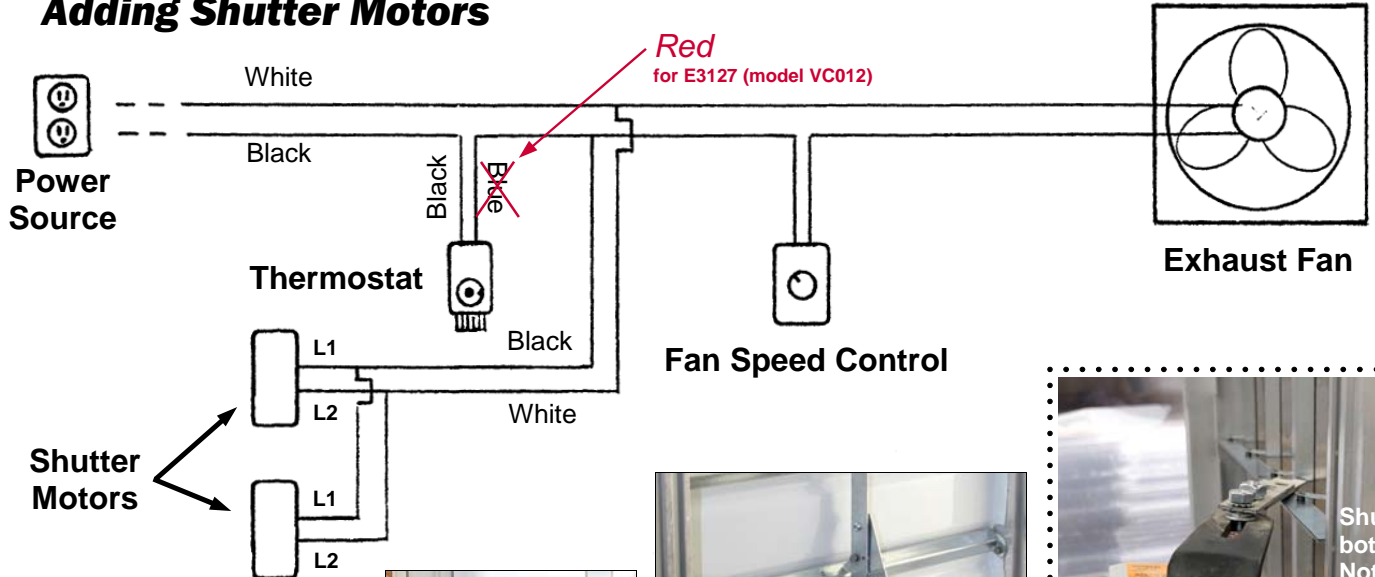
Basic Wiring



Adding Fan Speed Control



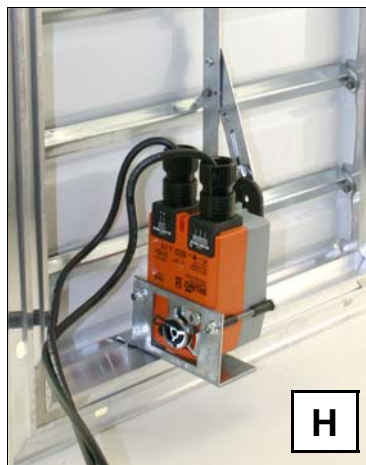
Adding Shutter Motors



IMPORTANT: FAN SPEED CONTROL must be installed only on the wire to the fan, **not** to the shutter motors.

Adjust the speed set screw on the Speed Control to prevent the fan from running below 1/3 of full speed (approximate).

FOR YOUR PROTECTION, ALL ELECTRICAL CONNECTIONS MUST BE MADE BY A QUALIFIED ELECTRICAL CONTRACTOR.



IMPORTANT - Shutter view from INSIDE the greenhouse.
Shutter Motor: **Use wires L1 and L2.**
(CAP OFF wires S1, S2, S3 with wire nuts.)



Shutter Motor Bracket (bottom view)

Shutters come with one hole to receive shutter motor bracket. Discard the bolt closest to the motor then secure motor to the shutter.

CHARLEY'S FAN VENTILATION SYSTEMS

Framing for Fan System

1. Frame opening for fan should be square and 1/2" larger than fan size.
(Example: For a 10" fan, the rough opening should be 10½" x 10½".)
2. Frame opening for intake shutters should be square and 1/2" larger than the shutter size.
(Example: For 10" shutter, the rough opening should be 10½" x 10½".)
Optional shutter locations shown with asterisk(*).
3. If trim and finish work is required around fan or shutter, then the frame opening is 3½" larger than fan or shutter size.

Fan System Options

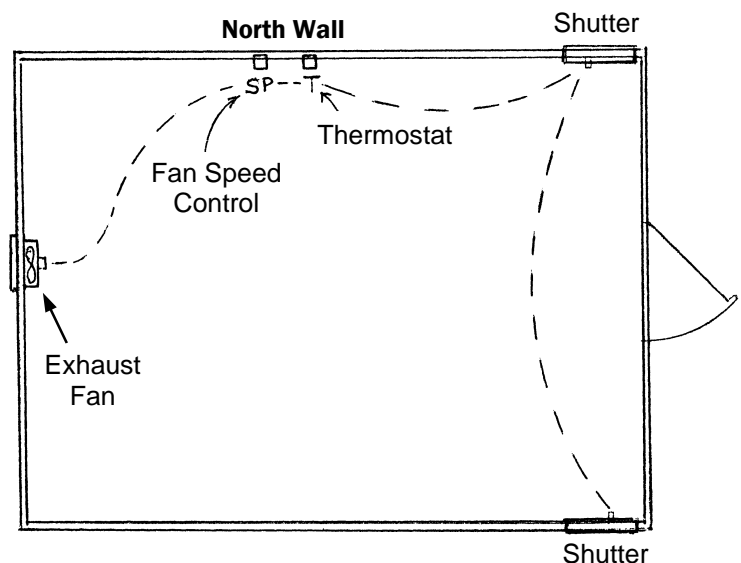
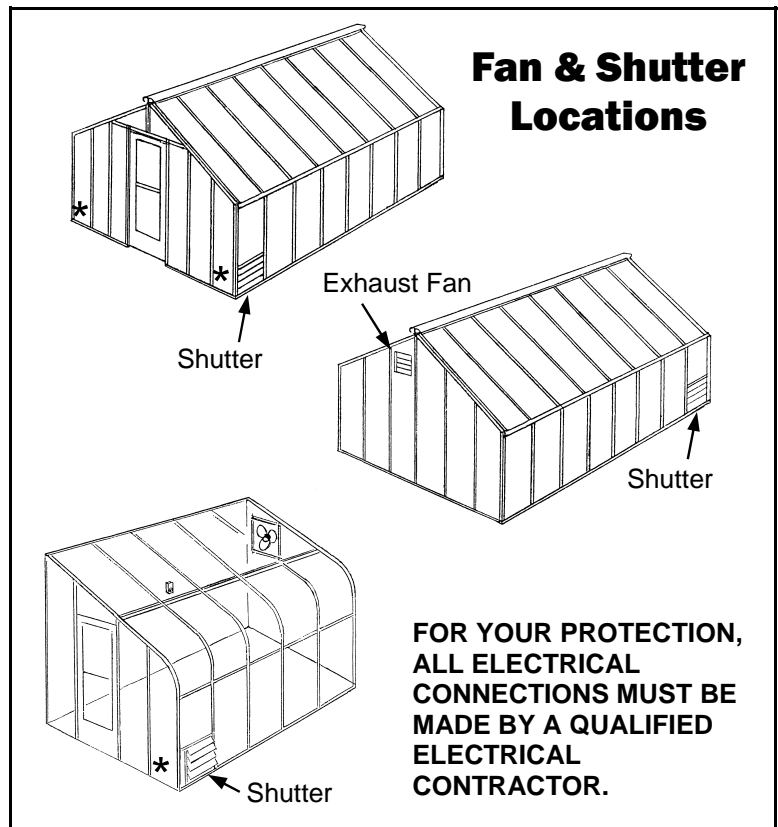
Fan Speed Control:

Provides variation of fan speed to match the season. High speed in summer, slower in spring and fall, and very slow speed in winter to avoid sudden chilling of the greenhouse.

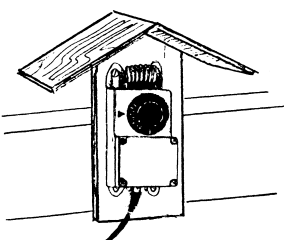
Shutter Motor:

Provides opening and closing of the shutter(s) and relieves starting load on fan motor. Use only with heavy-duty, aluminum frame shutters.

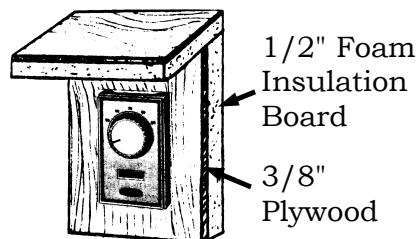
See Wiring Diagrams.



Thermostat Shields



Sun Shield



Radiant Shield

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