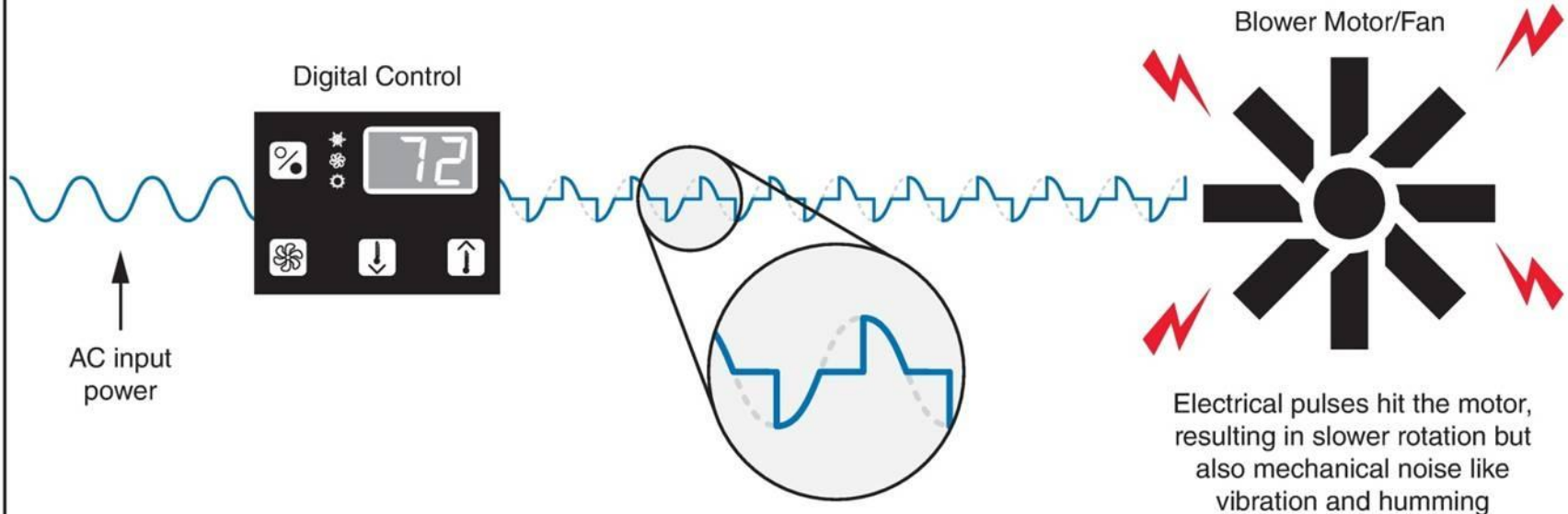


# How It Works – Without QuietFan

Typical blower motor operation WITHOUT the QuietFan Controller AT LOW FAN SPEEDS

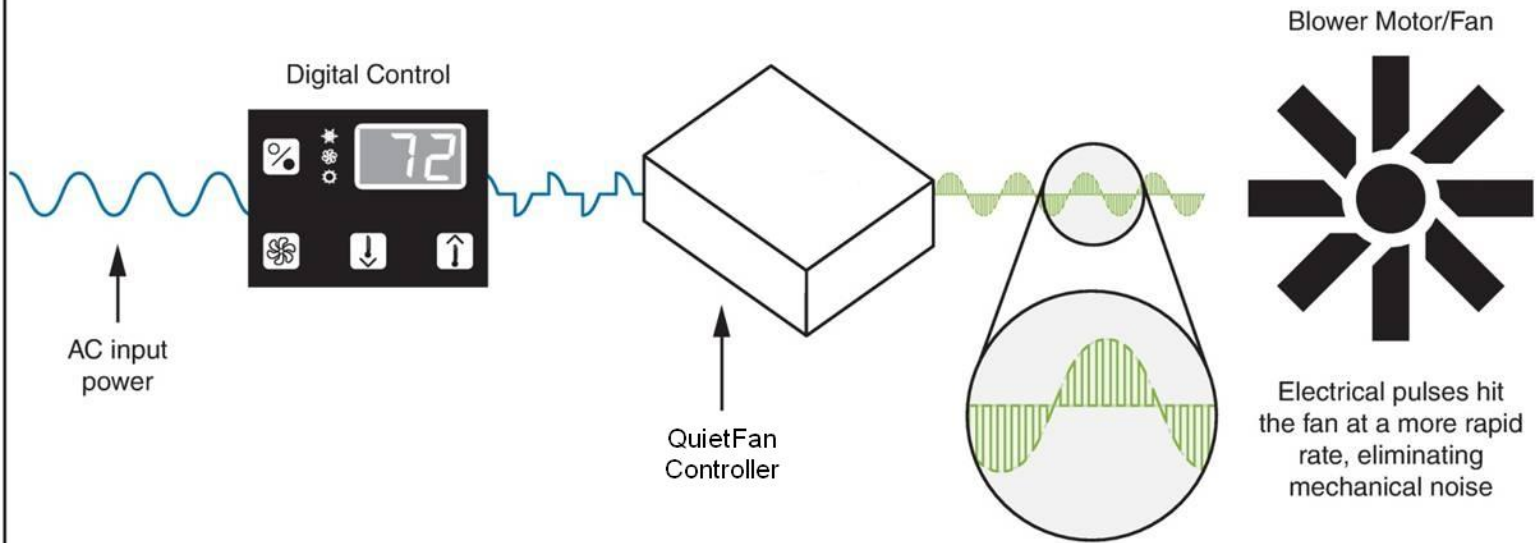


When the user selects a low fan speed, a Triac in the Digital Control converts the smooth, continuous AC sine wave into “choppy” pulses of electrical current

Electrical pulses hit the motor, resulting in slower rotation but also mechanical noise like vibration and humming

# How It Works – With QuietFan

Typical blower motor operation WITH the QuietFan Controller AT LOW FAN SPEEDS



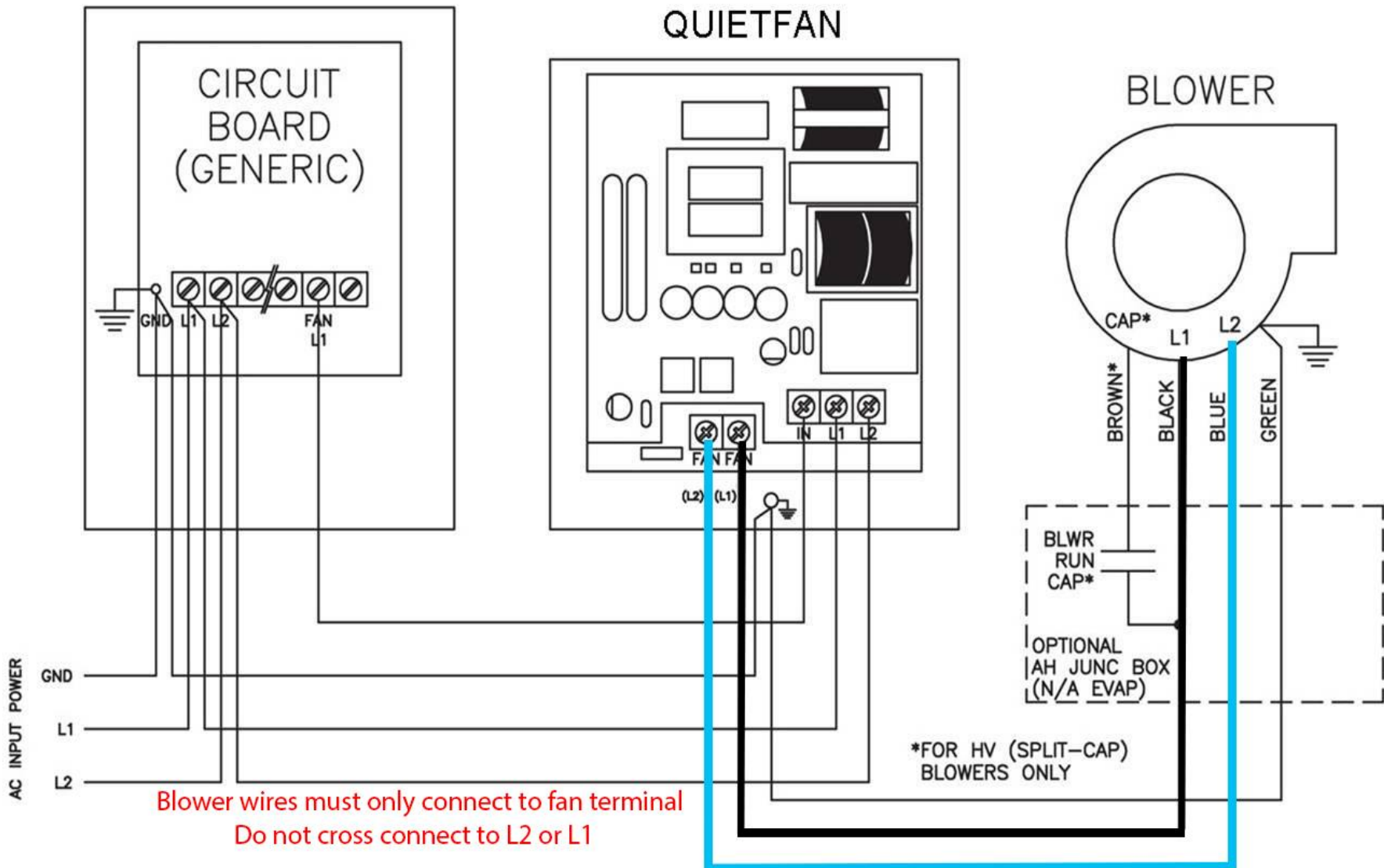
The QuietFan Controller is installed between the Digital Control and Motor. Using Pulse Width Modulation (PWM), WhisperFan pulses the voltage hundreds of times faster than is possible with Triacs, resulting in a smoother stream of electrical current to the motor.

# Installation – Easy Wiring

CONTROL ELECTRIC BOX

QUIETFAN

BLOWER



Blower wires must only connect to fan terminal  
Do not cross connect to L2 or L1

\*FOR HV (SPLIT-CAP)  
BLOWERS ONLY