

Installation Instructions for the AVA CTRL 2 R, AVA CTRL V and AVA CTRL VR Fan Controllers

THESE CONTROLLERS ARE NOT FOR USE WITH AVA CDF CENTRIFUGAL DUCT FANS

The **AddVent AVA CTRL V Variable Speed Control** is suitable for controlling any single AddVent 150mm (6"), 230mm (9") or 300mm (12") fan, with an electrical loading between 20W and 200W. These controls are designed to fit a standard 68mm, 2 or 4 lug recessed wall box. The user may select one of two pre-set running speeds. If retro fitting to replace an existing on-off switch unit, please remove the existing switch unit from the wall and transfer the wires from the old switch to the terminals of the new speed control, and screw the speed control to the wall box. The polarity of the wires is not important – either way round will work.

The **AddVent AVA CTRL 2 R Switch Mode Reversible Speed Control** is suitable for controlling any single AddVent 230mm (9") fan, with or without shutter. The **AddVent AVA CTRL VR Variable/Reversible Speed Control** is suitable for controlling any single AddVent 230mm (9") or 300mm (12") fan, with or without shutter, with an electrical loading between 20W and 200W. Typically these high flow rate fans would be arranged to exhaust humid or stale air from the room. These Controls allow the user to select either full power or a preset reduced power, optimising the air flow rate to suit variable room occupancy and use, thereby reducing unnecessary heat loss and achieving substantial energy savings. These Controls also allow the user to operate the fan in reverse, supplying fresh air directly into the room. *On Auto Shutter fans, the variable speed should not be increased until the shutters are open.*

Electrical Connections

A double pole fused spur, having a contact separation of at least 3mm in all poles must be used and fitted with a 3 amp fuse, and must be sited outside any room containing a shower or fixed bath. They must not be accessible to a person using either the shower or bath.

Note: *All wiring must be fixed securely. The cable to the fan must have a minimum of 1 square millimeter cross section and should not exceed 2000mm in length, excessive length could possibly cause radio interference. All wiring must comply with current IEE Regulations.*

If in doubt call a qualified electrician

Ratings: 220-240V ~ 50Hz



ADDVENT
by Heatstore

Diagram 1 Wiring Installation for AddVent AVA CTRL V
Variable Speed Fan Controller

Wiring layout using optical L wire circuit

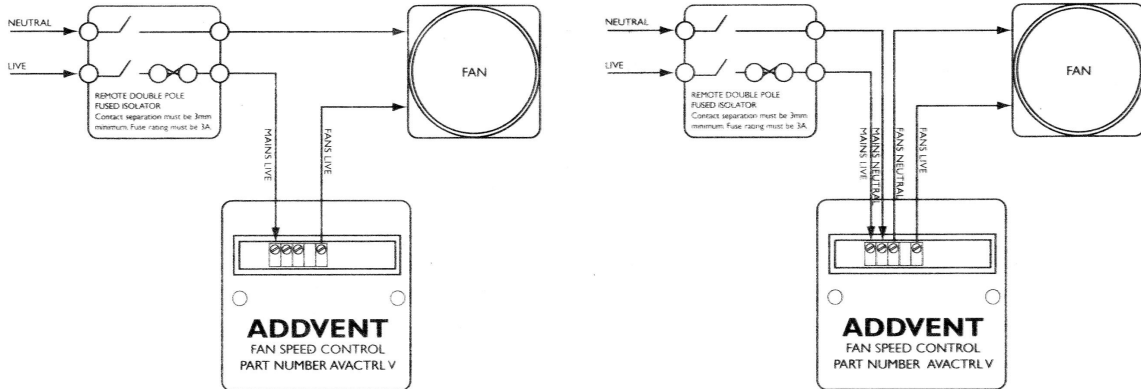
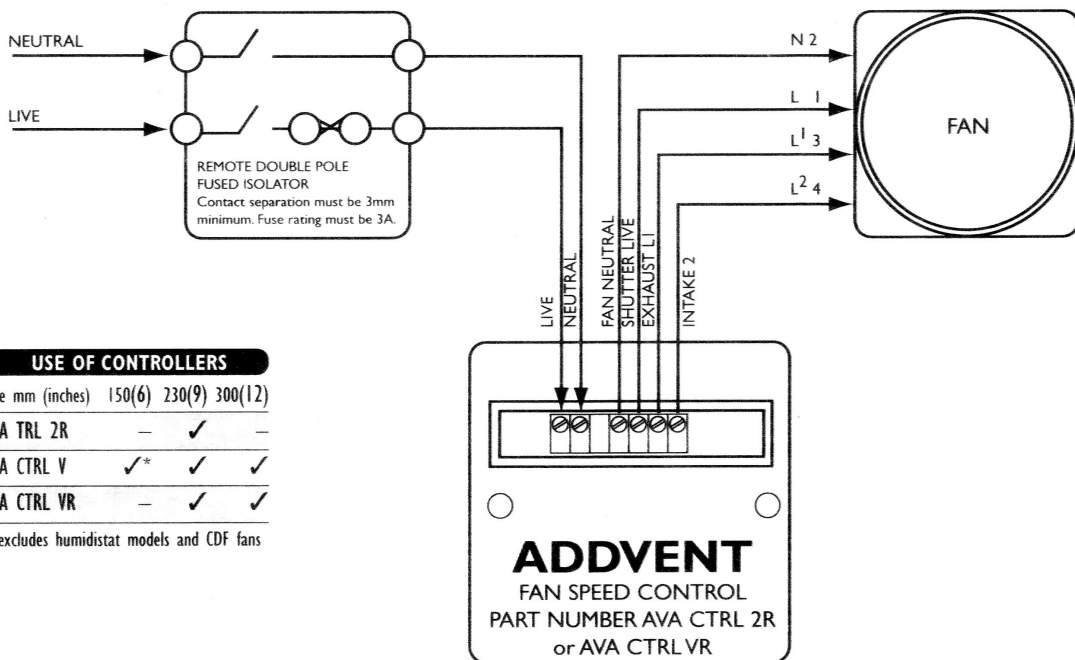


Diagram 2 Wiring Installation for AddVent CTRL 2R and
AVA CTRL VR Reversible Fan Controllers



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