



Destratification fan controller type ADC4

Destratification fan controller

Application

The ADC4 is designed to overcome the problem of losing heat from ground level to ceiling space. The ADC4 has connections for high and low level sensors (supplied with controller). When used in automatic mode the user can set the difference in temperature between the high and low level sensor at which point the fan(s) would increase in speed to redistribute the warm air to the ground level thus reducing the energy requirements.

Composition

- Automatic mode re-distributes rising warm air
- Manual mode for general operation
- Forward and reverse mode
- For single phase fans up to 4 Amps

The ADC4 also has a manual mode whereby the user can automatically adjust the speed and by switching the direction mode to reverse this can be used to provide general air movement in an office without blowing paper etc off desks.

Note: To be able to use the ADC4 in manual mode to control the fan in both directions the fan motor must have separate forward and reverse run connections I.E. the fan must have neutral, live (forward) and live (reverse) connections.

Technical Data				
Model	Electrical Supply	Max Rating	Dimensions (H x W x D)	Mounting
ADC4	230v 1ph 50hz	4 Amps	147mm x 197mm x 79mm	Surface

Wiring diagram 1

Wiring diagram

Connection to fan motor(s)

N: Neutral

LF: Live out to Forward run winding (when forward mode is selected)

LR: Live out to Reverse run winding (when reverse mode is selected)

