

Wiring Closet Ventilation Unit Frequently Asked Questions

GENERAL QUESTIONS:

Who is this FAQ for?

This FAQ is for users, Systems Engineers, sales reps, and Config team members.

What SKU does this FAQ pertain to?

ACF301EM

What components do I get?

ACF301EM includes (1) ACF301 and (1) AP9340

How does the Wiring Closet Ventilation Unit work?

The unit pulls air from the closet and discharges it into an adjacent space. This causes make-up air to enter through a grille or other opening.

What kind of environment is ideal for the Wiring Closet Ventilation Unit?

The unit is ideal for wiring closets and small server rooms that have loads up to 3kW and that are located next to conditioned office areas or similar spaces.

Can the unit be hardwired?

Yes, the unit is capable of being hardwired.

How loud is the Wiring Closet Ventilation Unit's noise level?

The unit has selectable fan speeds for maximum performance or quiet operation. Even at high speed however the fan noise is very moderate.

What if I do not have a wall I want to cut a whole in?

The unit can be installed in a ceiling tile very easily, without needed a contractor or special skills.

Are the fans redundant?

The fans are designed for fault tolerance. If one should fail the other will speed up, providing nearly as much heat removal as the unit operating at low fan speed.

Do I need to duct the Wiring Closet Ventilation Unit?

No, ducting is not required or recommended. Simply allow the unit to discharge freely into the adjacent space.

Control and Management:

How do I use the Environmental Manager to control the Wiring Closet Ventilation Unit?

The best way is to plug the power cord of the Wiring Closet Ventilation Unit into the switched outlet of the AP9340. Then the user can either turn the outlet on and off remotely, or set an event to automatically activate the switch. For example, set the switch to turn "On" in response to the temperature probe sensing a room temperature above 90 F (32 C). This way the unit will automatically ventilate the room when it is too hot.

How do I monitor the Wiring Closet Ventilation Unit remotely?

Connect the dry contact output from the Wiring Closet Ventilation Unit to one of the input contacts on the Environmental Manager.