



“ThermaTrack Unoccupied Set Back”

The Matrix Controller can be ‘hard wired’ to its own PIR sensor or can be software linked to any other PIR that is being installed on the main Building Management System.

As standard the main Matrix control strategy is provided with a second layer of user definable parameters which govern how the unit should react when a room or a zone goes into an unoccupied condition.

Further energy savings

This ‘unoccupied set back’ state means that further energy is saved when a space is in a totally unoccupied condition. Combined with demand based speed control, this feature is especially useful in meeting rooms or individual offices where occupancy and therefore demand is sporadic.

Occupancy reactive

At the beginning of the working day, the air conditioning can be set to ‘wake up’ as employees progressively arrive. Conversely, individual Matrix units within a Matrix building will start to set back as those same employees leave at lunchtime or at the end of the day.

ThermaTrack
DETECTION

Standard Fan Coil Methodology

It should be borne in mind that all the features described, electronic balancing, demand dependant fan speed and occupancy dependant fan speed can be either individually, or as a whole, ‘turned off’.

This means that any Matrix project can be set to operate like a conventional fan coil project but with all the Matrix features, whilst disabled, retained for future use.

Change

While some of the Matrix capability may cut across conventional design thinking, there will come a time when the way we have always done things will have to change and if we do not embrace change, someone else will.