



### Product Number: 43

## Magnetic Timed Door Holder

#### **Description:**

Electromagnetic timed door hold (which operates independently of the existing fire alarm system), with a control unit for 240V in and 24V out, with electromagnet and plate which works in conjunction with existing door closer. The units are available for one door or pairs of doors. Designed to hold open a single or pair of doors for up to 57 seconds, cutting down on draughts and loss of energy, as well as preventing buckling and distortion to each door – a common problem with permanent door hold systems. The 24V electromagnet releases the door to be shut in the normal way. Ideal for hospitals, residential homes, offices, computer rooms, hotels and warehouses.

Holding the door open until the person passes through the door. There is no wiring to the existing fire alarm system as agreed by the Fire Brigade as the time setting is less than one minute. When the door/s are fully opened the armature comes into contact with the Envirohold unit. When this happens the electromagnet is automatically energised and the door is held open. When the timing circuit 'times out', in 57 seconds the door is released.

#### **Application:**

Both the MH24 (24 Volt) and the MH240 (240 Volt) units are mounted in a powder coated steel casing with brushed stainless steel front covers. The armature plate is mounted on a plastic back plate with a flexible ring.

The armature plates are made of a special metal and designed to release easily when power is removed. NO magnet sticking.

Both MH24 and MH240 can be wired to any type of fire alarm system with the correct voltage.

MH24 can also be used with the Envirohold Timed Door Hold System, which does not require wiring to a fire alarm system, for holding doors open for up to 57 seconds.

Should the fire alarm system be unable to take anymore load, Envirograf® can supply a 240 volt to 24 volt control unit to control up to 2 magnets.

Where doors are far away from a wall, Envirograf® manufacture a metal plate to go by the architrave to mount the magnet box onto; finished in white or brown.