

Commercial kitchen Interlock and Gas Safety Controls to BS6173



EMX 50
(In housing)

Unique Features

- ★ CERTIFIED to comply with BS6173
- ★ Plug in design makes installation and replacement very fast and convenient
- ★ Water and knock resistant to IP65
- ★ Fail safe control produced by one of the UK's leading safety control manufacturers
- ★ Available as a wall mounted unit or panel mountable
- ★ Dual fan interlock for use as a panel mounted control
- ★ Monitors the existing system no need to replace starters etc.

The EMX50 is certified by Advantica not only to comply with the general requirements of BS6173 but also is certified to the electrical standard BSEN60730. this is an installers guarantee that all requirements of the low voltage directive are complied with.

The control is of course CE marked.

The EMX50 can utilise any acceptable method of airflow detection to prove the ventilation performance.

Mechanical Differential Air Switch

Electronic Differential Switch

Motor Current Monitoring

For additional technical information, price and delivery please telephone: (024) 76 344 377

Gas Leakage Control



GLT 10
(In housing)

Unique Features

- ★ Satisfying the requirements of BSEN1643 as well as the additional requirements of IM20 (see BS6173).
- ★ Fast installation and service due to plug in design
- ★ Automatically calculates the system capacity
- ★ Designed to be fully compatible with the EMX50
- ★ A clear LED display shows gas leakage test progress
- ★ IP65 rated

When both ventilation interlock and gas valve proving is needed a convenient double housing complete with the pre-wired GLT10 and EMX50 is available fully IP65 with electrical access top and bottom.



EMX 50 and GLT 10
Dual unit in single housing

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Electronic Air Flow Sensors



EPS 10
(Electronic pressure sensor)

Unique Features

- ★ Very sensitive range 0.05 - 2 mbar
- ★ Positive and constant
- ★ Set point and switching dial
- ★ Switching
- ★ Fully adjustable
- ★ Large clear indication of differential - static or vacuum in mbar
- ★ Can switch 10 Amps resistive @230 VAC when the EPS is used with the EMX50 controller
- ★ IP65 rated

When the EPS series is used with the EMX50 controller a full function test is made of the pressure switch to ensure that it is performing correctly (safe start test).

The pressure switch is then monitored by the controller throughout its operation this is internationally accepted as failsafe in all intermittently operated systems.

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Electronic Current Sensor



ECS 10
(Electronic current sensor)

Unique Features

- ★ Indicates average current on a large LCD screen.
- ★ Rising and falling set points may be set by clear and precise control knobs.
- ★ No direct connection to the motor due to isolation current transformer installed as standard.
- ★ Electronic damping is built in to prevent nuisance shut down.
- ★ IP65 rated

When the ECS series is used with the EMX50 controller a full function test is made of the pressure switch to ensure that it is performing correctly (safe start test).

The pressure switch is then monitored by the controller throughout its operation this is internationally accepted as failsafe in all intermittently operated systems.

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Air Flow Sensors



930 Series
(Mechanical Air Pressure Switch)

Unique Features

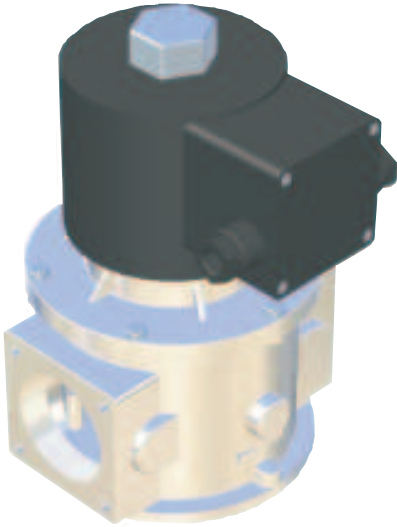
- ★ Assembled and calibrated in the UK
- ★ Silicon diaphragm for perfect repeat switching
- ★ Very close differential
- ★ May be used vertically or horizontally with slight affect to the calibration
- ★ Switching range 0.25 - 3 mbar
- ★ Switching current - 1 Amp @ 230 VAC

When the 930 series is used with the EMX50 controller a full function test is made of the pressure switch to ensure that it is performing correctly (safe start test).

The pressure switch is then monitored by the controller throughout its operation this is internationally accepted as failsafe in all intermittently operated systems.

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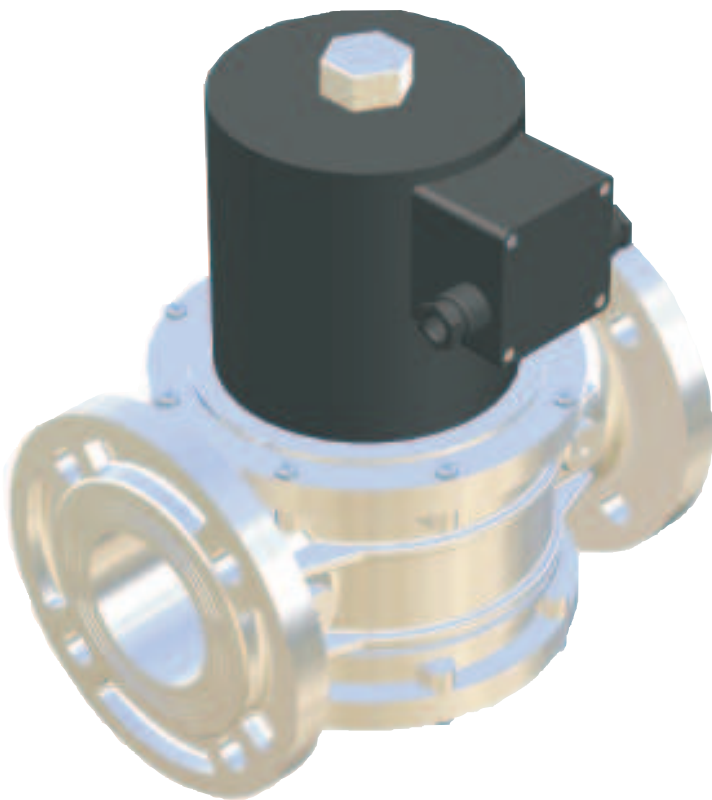
Gas Valves



Unique Features

A full range of certified safety shut off valves developed specifically for kitchen application. Due to their IP65 construction they allow for hygienic cleaning. This also gives additional safety and durability in hot and humid conditions.

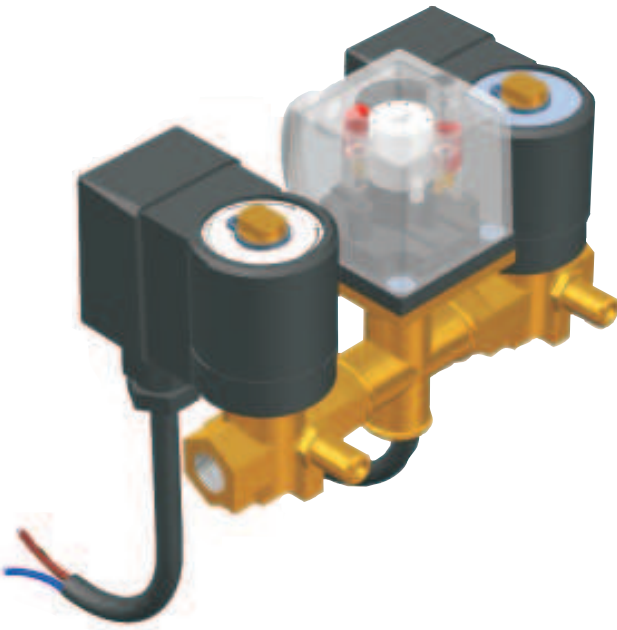
The valve are available in: 3/4" - 1" - 1½" - 2" BSP
3" - 4" - 6" Flanged



- ★ Silent in operation
- ★ 1mm filter fitted
- ★ IP65 water and shock resistant
- ★ Certified to BSEN
- ★ Energy saving coil on most sizes

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GLV5



The GLV5 and GLV10 are convenient gas valve and pressure switch assemblies produced for use with manual and automatic weep leakage systems.

A charge valve with throughput adjuster is fitted to a gas pressure switch and discharge vent valve.

The GLV5 is 1/4" BSP and the GLV10 is 3/8" BSP

