



CE

On/Off	With flow Regulation	Slow opening	Manual	Size	
ZEV10	ZEVR10	ZEVS10	ZEVM10	3/8"	BSP
ZEV15	ZEVR15	ZEVS15	ZEVM15	1/2"	BSP
ZEV20	ZEVR20	ZEVS20	ZEVM20	3/4"	BSP
ZEV25	ZEVR25	ZEVS25	ZEVM25	1"	BSP
ZEV32	ZEVR32	ZEVS32	ZEVM32	1.1/4"	BSP
ZEV40	ZEVR40	ZEVS40	ZEVM40	1.1/2"	BSP
ZEV50	ZEVR50	ZEVS50	ZEVM50	2"	BSP
ZEV65	ZEVR65	ZEVS65	ZEVM65	2.1/2"	BSP
ZEV80	ZEVR80	ZEVS80	ZEVM80	3"	BSP
ZEVF65	ZEVRF65	ZEVSF65	ZEVMF65	65mm	PN16
ZEVF80	ZEVRF80	ZEVSF80	ZEVMF80	80mm	PN16
ZEVF100	ZEVRF100	ZEVSF100	ZEVMF10	100mm	PN16
ZEVF125				125mm	PN16
ZEVF150				150mm	PN16

INSTRUCTION SHEET

ZEV.. class A gas solenoid valves are suitable for gas and air blocking and adjusting controls and regulation in gas power burners, atmospheric gas boilers, industrial ovens and other gas consuming appliances

Technical Data

Connections

Gas thread ISO7/1 3/8" to 3"
 Flanged ISO7005-PIN16 DN65 to DN150

Ambient temperature:

-15 degC to 60 degC

Supply voltage:

230Vac (+10%-15%)
 24Vac

Maximum operating pressure:

ZEV15 350 mbar
 ZEV20-80 200 mbar

Protection class:

IP54 without CPI switch

Opening and closing time

ZEV/R Less than 1 second
 ZEVS Slow, 1 to 30 seconds
 ZEVM Manual opening

Maximum working cycles

ZEV/R 20 cycles per minute
 ZEVS 1 cycle per minute
 ZEVM Manual operation

Capacity in m3/h at dp=2.5mbar

DN15 6.4 m3/h
 DN20 14.8 m3/h
 DN25 16.7 m3/h
 DN32 38.5 m3/h
 DN40 47.1 m3/h
 DN50 66.7 m3/h
 DN65 100 m3/h
 DN80 150 m3/h
 DN100 280 m3/h

Mounting

Allow enough space from the walls/ground to provide adequate access and free air circulation to cool the coil

The gas valve can be mounted plus or minus 90 degrees from the vertical

Electrical connection

Turn off power before making electrical connections or servicing any part of the system

Ensure that wiring is in accordance with local regulations

Use wire which can withstand 105 degC ambient

Ensure the electrical on/off switch is provided with a terminal block for electrical connectors

Follow the instructions supplied by the appliance manufacturer

Coil features

Coil suitable for permanent energisation. The continuous service (100%ED) causes inevitable coil heating, depending on working environment. This situation is absolutely normal. To improve the coil cooling, install the valve allowing free air circulation

Caution

To ensure a safe closing of the valve, it is essential that voltage over the terminals of operators is reduced to 0 volt

Installation

Turn off gas supply before starting installation

Disconnect power supply to prevent electrical shock and/or equipment damage

Take care that dirt cannot enter the gas valve during handling

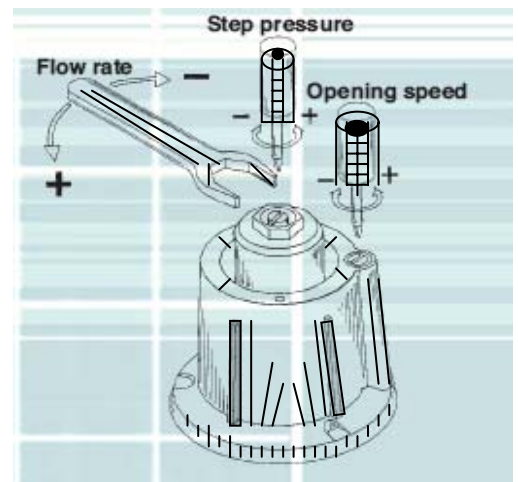
Check correspondence of flow direction with arrow on the body of the gas valve

We recommend installing a filter upstream of each installation (less than 1mm)

Adjustments

ZEVR.. Flow rate regulation

ZEVS.. \flow rate and opening speed



Declaration of Conformity

We declare that above conforms to
 EC Directive 89/336/EEC & EC Directive 73/23/EEC
 having applied
 BS EN 61000-6-3/4:2001 & BS EN 60335-1:2002
 BS EN161:2002 & 90/396/EEC
 Certificate: EC-87/07/009 & CI0295/a