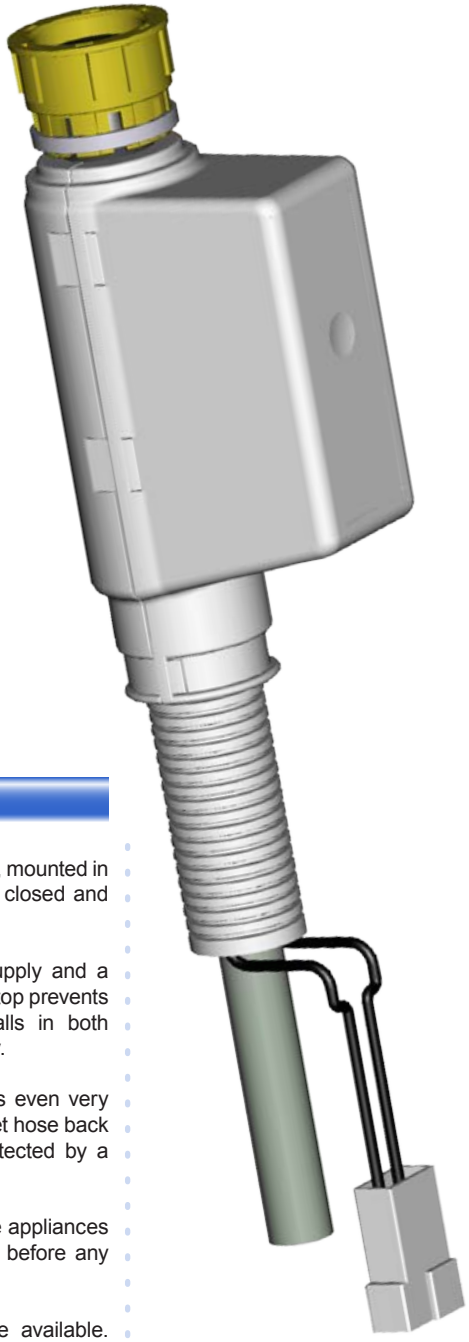
Aquastop

series 13.007.226



Description

Two single servo-controlled valves, mounted in line. Both chambers are normally closed and have a DN 7 orifice size.

Connected between the water supply and a machine to be charged, the Aquastop prevents water damage to floors and walls in both domestic and commercial property.

The outer corrugated tube returns even very minor leaks in the inner flexible inlet hose back into the appliance where it is detected by a sensor.

The sensor signal, received by the appliances controller, shuts the water supply before any major damage can occur.

Different AC or DC voltages are available. Length of tubes, cable or connectors can be tailored to customer specification.

A.u.K. Müller

Solenoid valves
Control valves
Special valves and systems

A.u.K. Müller GmbH & Co. KG
Dresdener Str. 162
D-40595 Düsseldorf/Germany

Tel.: +49(0)211-7391-0
Fax: +49(0)211-7391-281

e-mail: info@akmueller.de
Internet: www.akmueller.de

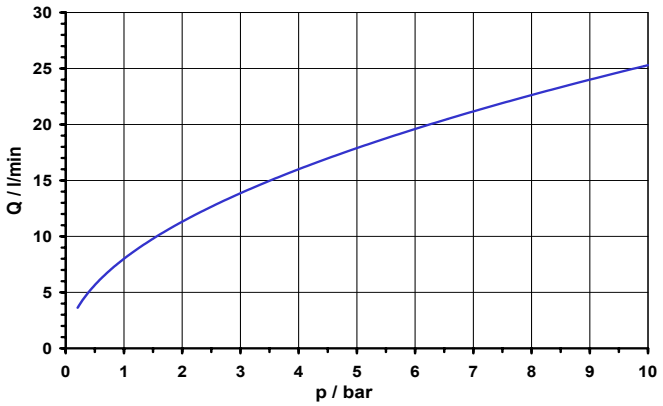
Characteristics

- two single servo controlled compact valves (NC) to increase operational reliability
- connection to water supply (swivel nut) possible without tool
- water supply tube routed in flexible corrugated tube
- the Aquastop system has been designed for free outlet
- flexible corrugated tube to guide leakage medium to directed recirculation
- prefiltration in inlet
- flow regulator retainer in inlet
- Suitable for warm water up to 60° C (EU, UK) (USA: 90°C)
- electrical operating safety due to two component resin encapsulated solenoids
- high operating safety by use of high quality materials and 100% final testing of the product
- low power consumption

Applications

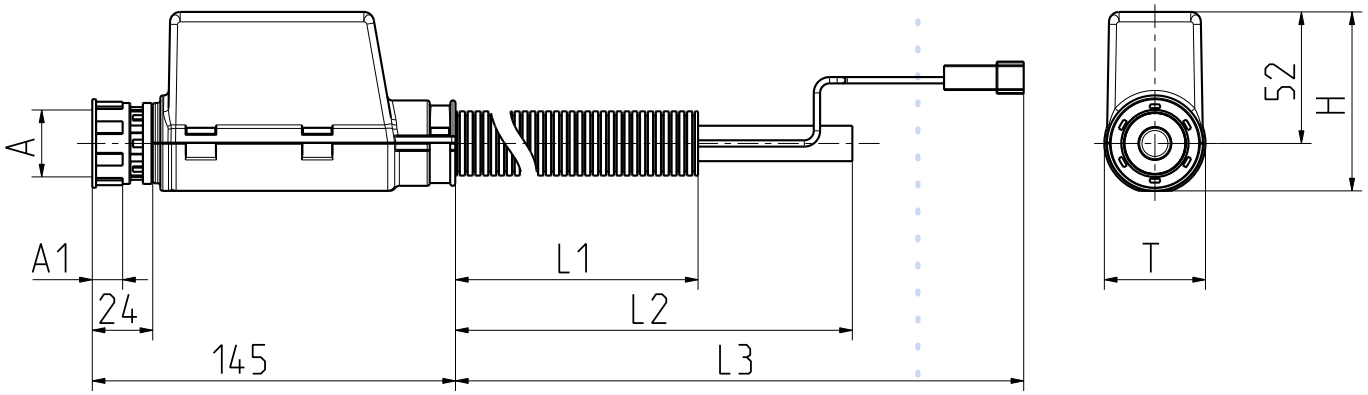
- coffee machines
- beverage distributors for hot and cold drinks
- potable water dispenser

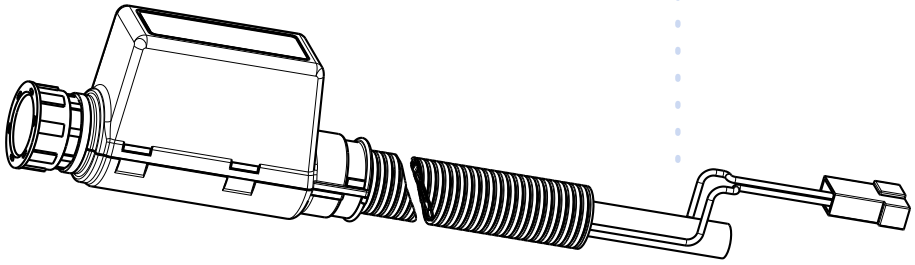
typical performance curve



© copyright A.u.K. Müller, technical changes reserved

series 13.007.226





Options

Design for	Inlet		Corrugated tube	Inlet tube	Cable	Height	Depth	Cable type	Tm / C°	Approval
	ØA	A1	L 1	L 2	L 3	H	T			(Status)
EU	G 3/4 female gland nut	12	1300	2200	1400	71	40	H03VVH2-F 0,75 mm²	60	VDE Cert.-No.: 40016187 Materials in touch with medium accordant to KTW recommendation *)
	G 3/4 female gland nut	12	1800	2700	1900					
USA	.75-11.5 NH female gland nut	12	1300	2200	1400	71	40	AWM: 3289 CSA: CL 1503 AWG 18	90	UL: YIOZ2/8.MH13874 NSF Cert.-No.: N13.007
	.75-11.5 NH female gland nut	12	1800	2700	1900					
UK	G 3/4 female gland nut	12	1300	2200	1400	71	40	H03VVH2-F 0,75 mm²	60	WRAS Cert.-No.: 1409307
	G 3/4 female gland nut	12	1800	2700	1900					

*) Inlet tube: operating temperature 60°C / KTW-approval for cold water 20°C

series 13.007.226

Technical Data

Type	two solenoid valves		
Construction	2/2-way valves, servo-controlled, mounted in line, encapsulated in casing, flexible pressure tube guided within corrugated tube		
Function	NC (normally closed)		
Fitting position	any		
Media	cold and heated potable water and physically and chemically similar media		
T-Medium	see table page 2 (Tm)		
T-Ambient	60	°C max.	
DN	7	mm	
p-Operating	0,2 - 10	bar	
Cv-value	8	l/min	
Pressure surge	according to EN 60730		
Coil type	MS.026		
Nominal voltages	12, 24 12 110 -127 110 200-240	V DC V AC V AC V AC V AC	 50-60 Hz 60 Hz 50 Hz 50-60 Hz
Voltage toler-ances	+10% -15%		
Duty cycle	100%		
Nominal power	10,0 W 13,5 W	15,0 VA (only AC) (only DC)	
Protection type	IP 65	(housing)	
Electrical connection	AMP 180908		
Insulation class	F	according to EN 60730	
Protection class	qualified for incorporation in class I according to EN 60730		

Materials

Protection cover	PP colour RAL 7035 light grey
Valve body	PPE or PA 66
Plunger guide	stainless steel
Plunger and spring	stainless steel
Membrane and sealings	EPDM (FKM USA) VMQ (on request)
Coil coating	PU resin
Flexible inlet tube	EU: PVC USA: TPE / Polyester meshwork UK: Eva/LDPE & XT
Corrugated tube	LDPE (low density Polyethylene)
Filter	stainless steel

© copyright A.u.K. Müller, technical changes reserved