

Automatic faecal backflow stop Quatrix-K – for exposed pipelines

Product information for the product group

ACO Product benefits

- Only 12 mm gradient difference
- Only 71 cm installation opening without reverse gradient
- Optimum for renovation
- CCTV camera accessible
- Pneumatic measurement system for fault-free operation

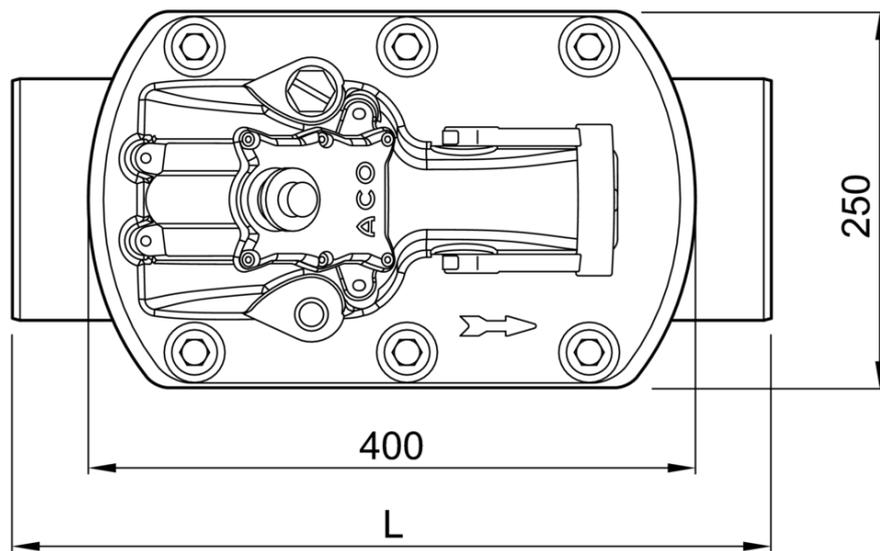
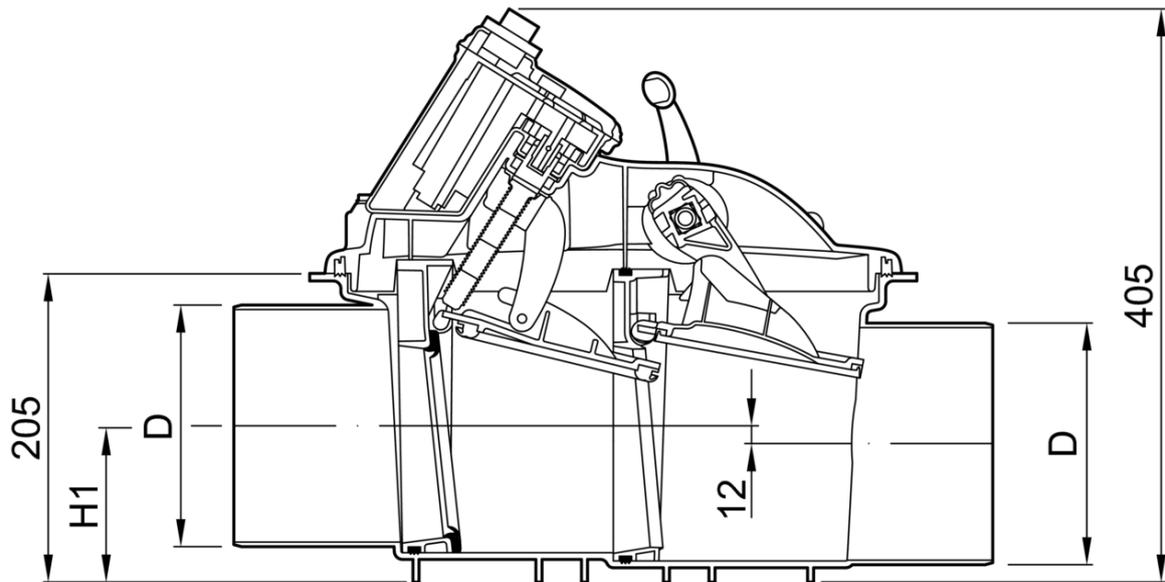
- Made of plastic
- For installation in exposed pipes
- Type 3F tested to EN 13564
- With double backflow safety valve
 - With 1 automatic operating seal
 - With 1 manual emergency valve
- With large cleaning and maintenance opening and test pipe
- With ready to plug in, electrical control unit IP 54 with integrated 4-week self-monitoring
- With visual and acoustic backflow signal
- With emergency power supply
- With floating contact for remote messaging
- Motor is flood-proof IP 68 (3 m, 24 h)
- Cable length: 5 m (extension to 30 m possible)
- Connection pipes made with spigots in the factory



Item Technical Data 620368

Installation	Description	Nominal width	Weight [kg]
For installation in free-standing pipes	<ul style="list-style-type: none"> ■ Type 3F, suitable for <input type="checkbox"/> Water containing faeces (black water) <input type="checkbox"/> Free of faecal matter (grey water) systems as per DIN EN 13564 	DN 100	9.1

Dimensions



Nominal width	Dimensions			Recess
	D	L	H1	
	[mm]	[mm]	[mm]	[mm]
DN 100	110	460	79	350 x 710

Accessories

	Description	Used with	Weight [kg]	PU [piece]	Item number
	Signal horn <ul style="list-style-type: none"> ■ 230V AC ■ Power consumption: 30mA ■ Ø62x85 mm (L/B x T) ■ Protection: IP66 ■ 95 dB(A) 	<ul style="list-style-type: none"> ■ Signalling unit with voltage-free fault reporting ■ LipuSmart-P ■ Multi-Max with signalling unit ■ LipuLift-P 	0.3	1	0178.61.94
	Flashing light				0150.76.25
	230V; Power consumption: 70 mA	Signalling unit with voltage-free fault reporting; LipuSmart-P; Multi-Max with signalling unit; LipuLift-P	0.5	1	0178.62.08
	Message system with GSM module <ul style="list-style-type: none"> ■ Parameter via app (Android & iOS) ■ Mains-independent alarm via 12V lead-gel battery ■ Optical and acoustic alarm message ■ Freely configurable inputs <ul style="list-style-type: none"> □ 6 digital inputs with LED status display □ 1 analogue ■ 1 alarm output 12 V ■ Alarm forwarding via SMS to mobile phones ■ For mounting outside the hazardous area ■ Housing: 192 x 150(with cable gland) x 100 mm (WxHxD) ■ Protective doctor: IP54 ■ Operating voltage: 230 V/AC 50/60 Hz ■ Translated with www.DeepL.com/Translator (free version) 	<ul style="list-style-type: none"> ■ All grease separators ■ Grease layer thickness measuring device ■ Pre-tank plants ■ Technical processing systems ■ Quatrix-K backflow preventer type 3F ■ Sinkamat-K (underfloor) duo ■ Multi lifting units ■ Pumping stations ■ Installation sets 	2.0	1	0150.80.14
	Signalling unit <ul style="list-style-type: none"> ■ Self-charging ■ With floating contact ■ Visual and acoustic ■ Without contact transmitter ■ For mounting outside the potentially explosive atmosphere ■ Dimensions: 175 x 125 x 75 mm W x H x D ■ Protection type: IP65 ■ Operating voltage: 230 V/AC 50/60 Hz ■ Ready to plug in with cable: 2 m 				

	Description	Used with	Weight	PU	Item number
			[kg]	[piece]	
		Faecal matter backflow automatic stop Quatrix-K type 3F; All Muli wastewater lifting plants; Upstream tank plant mono/duo; Muli-Max; Sinkamat -K/-KD; Sinkamat-Z; Sinkamat-Z (underfloor); <input type="checkbox"/> Duo ; LipuLift-P	1.4	1	0150.26.73
	Connection and flood module set <ul style="list-style-type: none"> ■ To report a leak caused for example by a pipe bursting ■ For electrically conducting liquids ■ With volt free contact ■ Visible and audible alarms (approx. 80 dB) ■ Dimensions (width x height x depth): 160 x 120 x 75 mm ■ Protection level: IP 65 ■ Operating voltage: 230 V/AC 50/60 Hz ■ Plug and use: 1.4 m ■ Overflow indicator with 10 m cable 	<ul style="list-style-type: none"> ■ Triplex-K backflow stops <input type="checkbox"/> DN 100 – DN 150 ■ Quatrix-K backflow stops ■ All wastewater lifting plants ■ All separators 	1.1	1	0150.78.97
	Extension part <ul style="list-style-type: none"> ■ With lip seal ■ Graduated height adjustment every 116 mm <input type="checkbox"/> For Sinkamat-K maximum 2 extension pieces may be mounted <input type="checkbox"/> For top section: 360 x 300mm <input type="checkbox"/> For Triplex-K, Quatrix-K and Muli-UF maximum 1 extension pieces may be mounted 	<ul style="list-style-type: none"> ■ Backflow stops for installation in the floor plate ■ Sinkamat-Z (underfloor) ■ Muli-UF (underfloor) ■ Triplex-K ■ Quatrix-K 	3.4	1	620381
	Sealing flange <ul style="list-style-type: none"> ■ For building into waterproof concrete <input type="checkbox"/> Maximum groundwater level: 2 m 	<ul style="list-style-type: none"> ■ Backflow stops for installation in the floor plate ■ Sinkamat-Z (underfloor) ■ Muli-UF (underfloor) ■ Triplex-K ■ Quatrix-K 	4.2	1	620510
	Top section	<ul style="list-style-type: none"> ■ Backflow stops for installation in the floor plate 	2.6	1	620383
	Reversible cover plate Reversible cover plate for tile or plastic cover	<ul style="list-style-type: none"> ■ Backflow stops for installation in the floor plate 	1.0	1	620384
	Test hopper <ul style="list-style-type: none"> ■ For servicing all dimensions 	<ul style="list-style-type: none"> ■ ACO backflow stops 	0.1	1	2110.20.13

Description		Used with	Weight [kg]	PU [piece]	Item number
	Battery pack replacement			1	0169.04.21
	Drive motor <ul style="list-style-type: none"> ■ With 5 m supply cable ■ Replacement drive motor ACO faecal backflow machine <ul style="list-style-type: none"> □ Quatrix-K type 3F □ DN 100/DN 125/DN 150 				
		Quatrix-K Type 3F V2.0 (before year of construction 2016)		1	0169.04.02
		Quatrix-K Type 3F V3.0 (from year of construction 2016)		1	0169.04.22
	Extension set <ul style="list-style-type: none"> ■ For cable conduits DN 70 ■ Angles and bends ≤ 45° 	<ul style="list-style-type: none"> ■ Faecal matter backflow automatic stop Quatrix-K type 3F 			
	Pressure hose (10 m); Supply cable and plug (5 m); For empty cable ducts DN 70		1.0	1	620515
	Sensor cable (m); Motor cable (m)		2.1	1	620516
	Sensor cable (m); Motor cable (25 m)		3.2	1	620517
	Signal horn <ul style="list-style-type: none"> ■ Operating voltage: 12V DC ■ Power consumption: 30 mA ■ 62 x 62 x 85 mm (LxWxD) ■ Degree of protection: IP66 ■ Noise level: 95 dB(A) 	<ul style="list-style-type: none"> ■ Signalling unit ■ Signalling unit with GSM module 	0.2		0150.58.14

You can find further accessories under → <https://www.buildingdrainage.aco/search/?q=620368>