

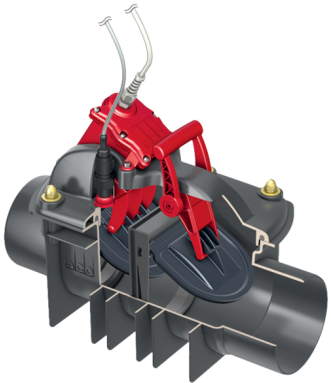
# Automatic faecal backflow stop Quatrix-K – for exposed pipelines

## 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

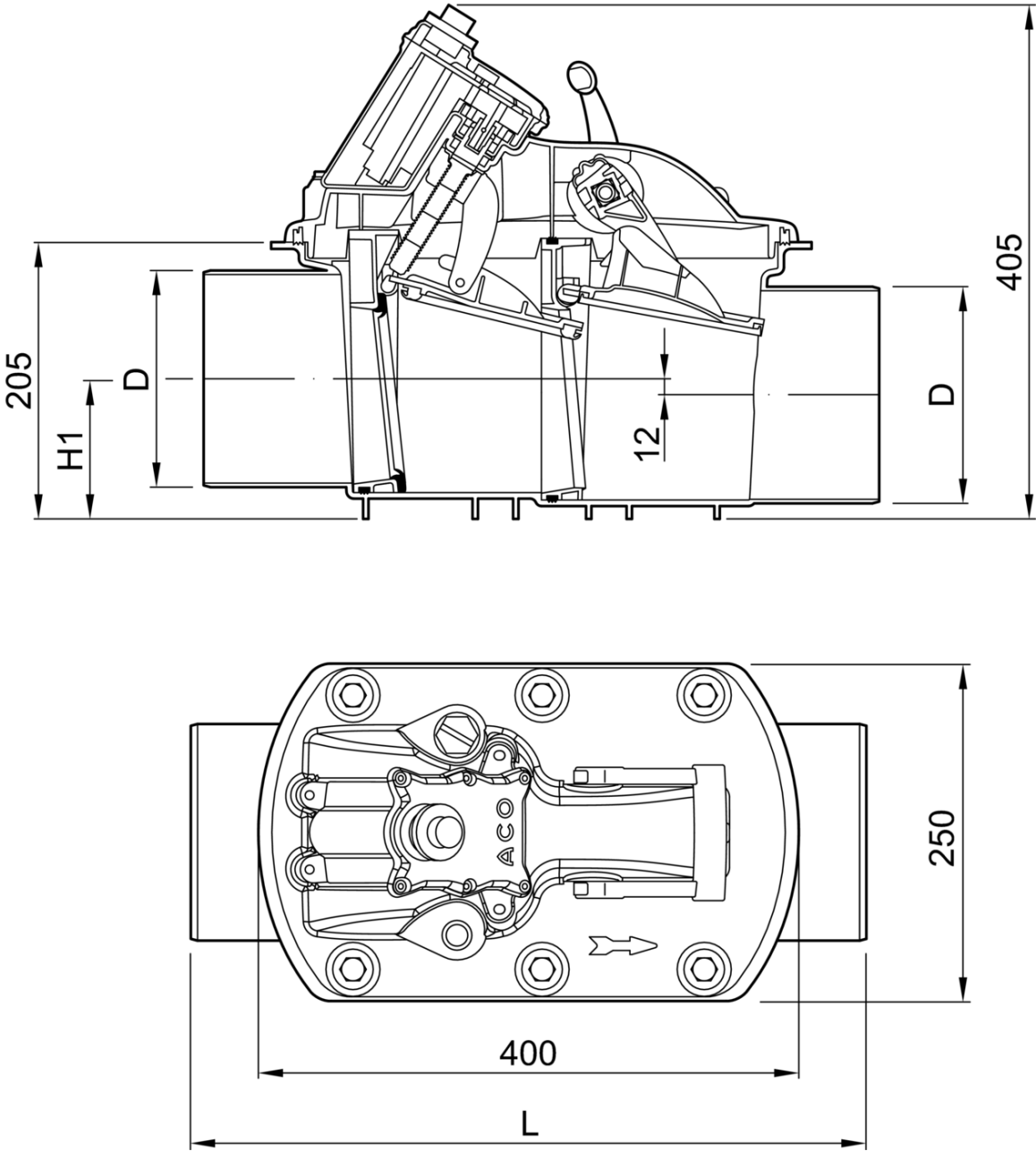
- Made of plastic
- For installation in exposed pipes
- Type 3F tested to EN 13564
- With double backflow safety valve
  - With 1 automatic operating seal
  - With 1 manual emergency valve
- With large cleaning and maintenance opening and test pipe
- With ready to plug in, electrical control unit IP 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 620369





Installation	Description	Nominal width	Weight [kg]
For installation in free-standing pipes	■ Type 3F, suitable for	DN 150	9.1
	□ Water containing faeces (black water)		
	□ Free of faecal matter (grey water) systems as per DIN EN 13564		





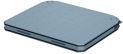

Dimensions







Nominal width	Dimensions			Recess
	D	L	H1	
	[mm]	[mm]	[mm]	[mm]
DN 150	160	504	104	350 x 820

## Accessories

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

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

	Description	Used with	Weight	PU	Item number
			[kg]	[piece]	
	<b>Battery pack replacement</b>			1	0169.04.21
	<b>Drive motor</b> <ul style="list-style-type: none"> <li>■ With 5 m supply cable</li> <li>■ Replacement drive motor ACO faecal backflow machine <ul style="list-style-type: none"> <li>□ Quatrix-K type 3F</li> <li>□ DN 100/DN 125/DN 150</li> </ul> </li> </ul>				
		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
	<b>Extension set</b> <ul style="list-style-type: none"> <li>■ For cable conduits DN 70</li> <li>■ Angles and bends ≤ 45°</li> </ul>	<ul style="list-style-type: none"> <li>■ Faecal matter backflow automatic stop Quatrix-K type 3F</li> </ul>			
	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
	<b>Signal horn</b> <ul style="list-style-type: none"> <li>■ Operating voltage: 12V DC</li> <li>■ Power consumption: 30 mA</li> <li>■ 62 x 62 x 85 mm (LxWxD)</li> <li>■ Degree of protection: IP66</li> <li>■ Noise level: 95 dB(A)</li> </ul>	<ul style="list-style-type: none"> <li>■ Signalling unit</li> <li>■ Signalling unit with GSM module</li> </ul>	0.2		0150.58.14

You can find further accessories under → <https://www.buildingdrainage.aco/search/?q=620369>