

Fernco MwStop®

- Protect properties from backflow flooding
- Self-activating integrated membrane
- Prevent unwanted odours and pests
- Simple and quick installation
- Suitable for all pipe materials and sizes
- Durable with a long service life
- Available in 3 different pressure ratings



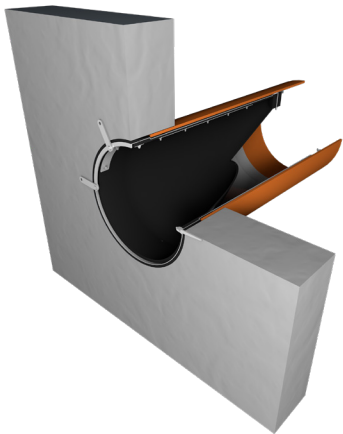
The Fernco MwStop® check valve is designed to allow sewer or surface water to move freely in one direction, while effectively protecting properties against backwater flooding and odour.

When subjected to increasing pressure, the integrated EPDM diaphragm will raise upwards so water can flow freely below the valve in the direction of the flow. As soon as water flows against the direction of the flow, the valve fills up to provide a tight seal to prevent any backflow flooding.

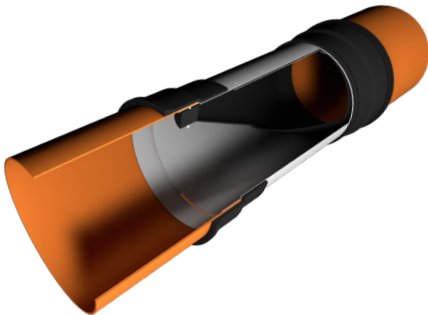
The rising water pressure triggers controlled surge flushing, which ensures the regular removal of existing sediments. These valves will also prevent unpleasant odours in the pipe network. An addition of a Ratstop, will also prevent rodents and other wildlife travelling up the drainage system and into the property.

Fernco MwStop® can be installed in practically any pipe, in both horizontal and vertical applications -even retrofitted, in just a few minutes. Different mounting methods enable a wide range of applications; these include bracket mounted, flange mounted, installation at the end of the pipe, or in-line with Fenco couplings.

Product Code	CV-XXXXXX
Description	Fernco MwStop®
Material	EPDM 1.4404 (316) Stainless Steel



Clamp mounting edge
inside a manhole



Installation as part of
the pipe

Membrane Options

Membrane Shore Available			
Type	Shore	MWc	Gradient
Soft Membrane	45 Shore	3mwc	Min 1%
Standard Membrane	55 Shore	5mwc	Min 2%
Hard Membrane	65 Shore	8mwc	

Standard shore is 55 shore, other shores are available as shown in table above.



Fernco MwStop® - Standard

Product Code	Other shore options	DN	O/d	Length	Pipe Size I/d (min / max)
CV-STD100-55	45, 65	100	97mm	220mm	98 - 111mm
CV-STD125-55	45, 65	125	115mm	255mm	116 - 124mm
CV-STD150-55	45, 65	150	144.5mm	310mm	145.5 - 158.5mm
CV-STD200-181-55	45, 65	200 (181)	181mm	400mm	182 - 199mm
CV-STD200-191-55	45, 65	200 (191)	191mm	425mm	192 - 209mm
CV-STD225-55-55	45, 65	225	215mm	470mm	216 - 233mm
CV-STD250-230-55	45, 65	250 (230)	230mm	520mm	231 - 252mm
CV-STD250-240-55	45, 65	250 (240)	240mm	520mm	241 - 258mm
CV-STD300-55	45, 65	300	265mm	600mm	266 - 283mm
CV-STD300-283-55	45, 65	300 (283)	283mm	650mm	284 - 301mm
CV-STD300-290-55	45, 65	300 (290)	290mm	650mm	291 - 308mm
CV-STD350-55	45, 65	350	340mm	745mm	341 - 362mm
CV-STD400-370-55	45, 65	400 (370)	370mm	760mm	371 - 392mm
CV-STD400-390-55	45, 65	400 (390)	390mm	800mm	391 - 412mm
CV-STD450-55	45, 65	450	443mm	900mm	444 - 465mm
CV-STD500-55	45, 65	500	490mm	970mm	491 - 504mm
CV-STD600-55	45, 65	600	587mm	1200mm	588 - 597mm
CV-STD700-55	45, 65	700	690mm	1350mm	691 - 708mm
CV-STD750-55	45, 65	750	750mm	1500mm	751 - 768mm
CV-STD800-55	45, 65	800	790mm	1580mm	791 - 808mm
CV-STD900-55	45, 65	900	885mm	1780mm	886 - 913mm
CV-STD1000-55	45, 65	1000	985mm	1950mm	986 - 1008mm
Reverse Option					
CV-STDR100-55	45, 65	100	97mm	220mm	98 - 111mm
CV-STDR125-55	45, 65	125	115mm	255mm	116 - 124mm
CV-STDR150-55	45, 65	150	144.5mm	310mm	145.5 - 158.5mm
CV-STDR200-181-55	45, 65	200 (181)	181mm	400mm	182 - 199mm
CV-STDR200-191-55	45, 65	200 (191)	191mm	425mm	192 - 209mm
CV-STDR225-55	45, 65	225	215mm	470mm	216 - 233mm
CV-STDR250-230-55	45, 65	250 (230)	230mm	520mm	231 - 252mm
CV-STDR250-240-55	45, 65	250 (240)	240mm	520mm	241 - 258mm
CV-STDR300-55	45, 65	300	265mm	600mm	266 - 283mm
CV-STDR300-283-55	45, 65	300 (283)	283mm	650mm	284 - 301mm
CV-STDR300-290-55	45, 65	300 (290)	290mm	650mm	291 - 308mm
CV-STDR350-55	45, 65	350	340mm	745mm	341 - 362mm
CV-STDR400-370-55	45, 65	400 (370)	370mm	760mm	371 - 392mm
CV-STDR400-390-55	45, 65	400 (390)	390mm	800mm	391 - 412mm
CV-STDR450-55	45, 65	450	443mm	900mm	444 - 465mm
CV-STDR500-55	45, 65	500	490mm	970mm	491 - 504mm
CV-STDR600-55	45, 65	600	587mm	1200mm	588 - 597mm
CV-STDR700-55	45, 65	700	690mm	1350mm	691 - 708mm
CV-STDR750-55	45, 65	750	750mm	1500mm	751 - 768mm
CV-STDR800-55	45, 65	800	790mm	1580mm	791 - 808mm
CV-STDR900-55	45, 65	900	885mm	1780mm	886 - 913mm
CV-STDR1000-55	45, 65	1000	985mm	1950mm	986 - 1008mm

Example - CV-STD100-55 = Standard Fernco MwStop® DN100, 55 Shore



Fernco MwStop® - Short

Product Code	Other shore options	DN	O/d	Length	Pipe Size I/d (min / max)
CV-SH100-55	45, 65	100	97mm	160mm	98 - 111mm
CV-SH125-55	45, 65	125	115mm	190mm	115 - 124mm
CV-SH150-55	45, 65	150	144.5mm	200mm	143.5 - 158.5mm
CV-SH200-181-55	45, 65	200 (181)	181mm	270mm	178 - 199mm
CV-SH200-191-55	45, 65	200 (191)	191mm	275mm	188 - 209mm
CV-SH225-55	45, 65	225	215mm	310mm	212 - 233mm
CV-SH250-230-55	45, 65	250 (230)	230mm	320mm	227 - 252mm
CV-SH250-240-55	45, 65	250 (240)	240mm	350mm	237 - 258mm
CV-SH300-55	45, 65	300	265mm	380mm	260 - 283mm
CV-SH300-283-55	45, 65	300 (283)	283mm	400mm	278 - 301mm
CV-SH300-290-55	45, 65	300 (290)	290mm	400mm	285 - 308mm
CV-SH350-55	45, 65	350	340m	500mm	333 - 362mm
CV-SH400-370-55	45, 65	400 (370)	370mm	500mm	363 - 392mm
CV-SH400-390-55	45, 65	400 (390)	390mm	500mm	383 - 412mm
CV-SH450-55	45, 65	450	443mm	550mm	436 - 465mm
CV-SH500-55	45, 65	500	490mm	600mm	491 - 504mm
CV-SH600-55	45, 65	600	587mm	800mm	580 - 597mm
CV-SH700-55	45, 65	700	690mm	870mm	691 - 708mm
CV-SH750-55	45, 65	750	750mm	979mm	747 - 768mm
CV-SH800-55	45, 65	800	790mm	1000mm	787 - 808mm
CV-SH900-55	45, 65	900	885mm	1110mm	886 - 913mm
CV-SH1000-55	45, 65	1000	985mm	1475mm	981 - 1008mm



Fernco MwStop® One Collar

Product Code	Other shore options	DN	O/d	Length	Pipe Size I/d (min / max)
CV-OC100-55	45, 65	100	97mm	160mm	98 - 111mm
CV-OC125-55	45, 65	125	115mm	190mm	115 - 124mm
CV-OC150-55	45, 65	150	144.5mm	200mm	143.5 - 158.5mm
CV-OC200-181-55	45, 65	200 (181)	181mm	270mm	178 - 199mm
CV-OC200-191-55	45, 65	200 (191)	191mm	275mm	188 - 209mm
CV-OC225-55	45, 65	225	215mm	310mm	212 - 233mm
CV-OC250-230-55	45, 65	250 (230)	230mm	320mm	227 - 252mm
CV-OC250-240-55	45, 65	250 (240)	240mm	350mm	237 - 258mm
CV-OC300-55	45, 65	300	265mm	380mm	260 - 283mm
CV-OC300-289-55	45, 65	300 (283)	283mm	400mm	278 - 301mm
CV-OC300-290-55	45, 65	300 (290)	290mm	400mm	285 - 308mm
CV-OC350-55	45, 65	350	340m	500mm	333 - 362mm
CV-OC400-370-55	45, 65	400 (370)	370mm	500mm	363 - 392mm
CV-OC400-390-55	45, 65	400 (390)	390mm	500mm	383 - 412mm
CV-OC450-55	45, 65	450	443mm	550mm	436 - 465mm
CV-OC500-55	45, 65	500	490mm	600mm	491 - 504mm
CV-OC600-55	45, 65	600	587mm	800mm	580 - 597mm
CV-OC700-55	45, 65	700	690mm	870mm	691 - 708mm
CV-OC750-55	45, 65	750	750mm	979mm	747 - 768mm
CV-OC800-55	45, 65	800	790mm	1000mm	787 - 808mm
CV-OC900-55	45, 65	900	885mm	1110mm	886 - 913mm
CV-OC1000-55	45, 65	1000	985mm	1475mm	981 - 1008mm

The following products are additional ancillaries to the Fernco MwStop®.

Fernco MwStop® PE

Fernco MwStop® with plastic housing made of PE, to be mounted using flexible couplings.



Product Code	Other shore options	DN	O/d	Length	Connection
CV-PE075-55	45, 65	75	75mm	125mm	Connection to pipe requires two couplings.
CV-PE110-55	45, 65	110	110mm	210mm	
CV-PE125-55	45, 65	125	125mm	240mm	
CV-PE160-55	45, 65	160	160mm	310mm	
CV-PE200-55	45, 65	200	200mm	400mm	

Example - CV-PE110-55 = Fernco MwStop®PE, DN100, 55 Shore

*The PE is also available as a kit (CV-PE100-55KIT) which includes 2x Shearbanded couplings, that are specified upon your order to suit the applicable DN.

Fernco MwStop® RatStop

Additional protection against animal and pests to protect the diaphragm from damage.



Product Code	DN	Description
CV-RS100	100	Fernco MwStop® Ratstop 316 Stainless Steel DN100
CV-RS125	125	Fernco MwStop® Ratstop 316 Stainless Steel DN125
CV-RS150	150	Fernco MwStop® Ratstop 316 Stainless Steel DN150
CV-RS200-181	200 (181)	Fernco MwStop® Ratstop 316 Stainless Steel DN200-181
CV-RS200-191	200 (191)	Fernco MwStop® Ratstop 316 Stainless Steel DN200-191
CV-RS225	225	Fernco MwStop® Ratstop 316 Stainless Steel DN225
CV-RS250-230	250 (230)	Fernco MwStop® Ratstop 316 Stainless Steel DN250-230
CV-RS250-240	250 (240)	Fernco MwStop® Ratstop 316 Stainless Steel DN250-240
CV-RS300-283	300	Fernco MwStop® Ratstop 316 Stainless Steel DN300-283
CV-RS300-290	300 (283)	Fernco MwStop® Ratstop 316 Stainless Steel DN300-290

Fernco MwStop® Gasket

In some instances, the Fernco MwStop® Gasket may be required to fill the annular space between the valve and the pipe ID.



Product Code	DN	Description
CV-G100	100	Fernco MwStop® EPDM Rubber Gasket DN100
CV-G125	125	Fernco MwStop® EPDM Rubber Gasket DN125
CV-G150	150	Fernco MwStop® EPDM Rubber Gasket DN150
CV-G200-181	200 (181)	Fernco MwStop® EPDM Rubber Gasket DN200-181
CV-G200-191	200 (191)	Fernco MwStop® EPDM Rubber Gasket DN200-191
CV-G225	225	Fernco MwStop® EPDM Rubber Gasket DN225
CV-G250-230	250 (230)	Fernco MwStop® EPDM Rubber Gasket DN250-230
CV-G250-240	250 (240)	Fernco MwStop® EPDM Rubber Gasket DN250-240
CV-G300-283	300	Fernco MwStop® EPDM Rubber Gasket DN300-283
CV-G300-290	300 (283)	Fernco MwStop® EPDM Rubber Gasket DN300-290

Fernco MwStop® - Flange Mounted Coming Soon



General Information

Quality, Standards and Approvals

Fernco has been certified by the British Standards Institution (BSI) as a company of assessed capability, with a quality management system which meets the requirements of BS EN ISO 9001:2015

Fernco UK, part of a global group of companies, are the leaders in wastewater connection innovation; utilising the most advanced methods and techniques for precision-manufactured products, all of which comply with or exceed relevant British and European standards to ensure reliability and sustainability.

Environment

Fernco operate Environmental Management Systems which are certified to ISO 14001: 2015.

Supply

Fernco are proud members of the Builders Merchants Federation (BMF). All Fernco products are supplied through a national and global network of distribution and merchant partners. For stockist details, contact Fernco.

Technical Support

Fernco have a team of product experts on hand to support all customers with technical support and advice.

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