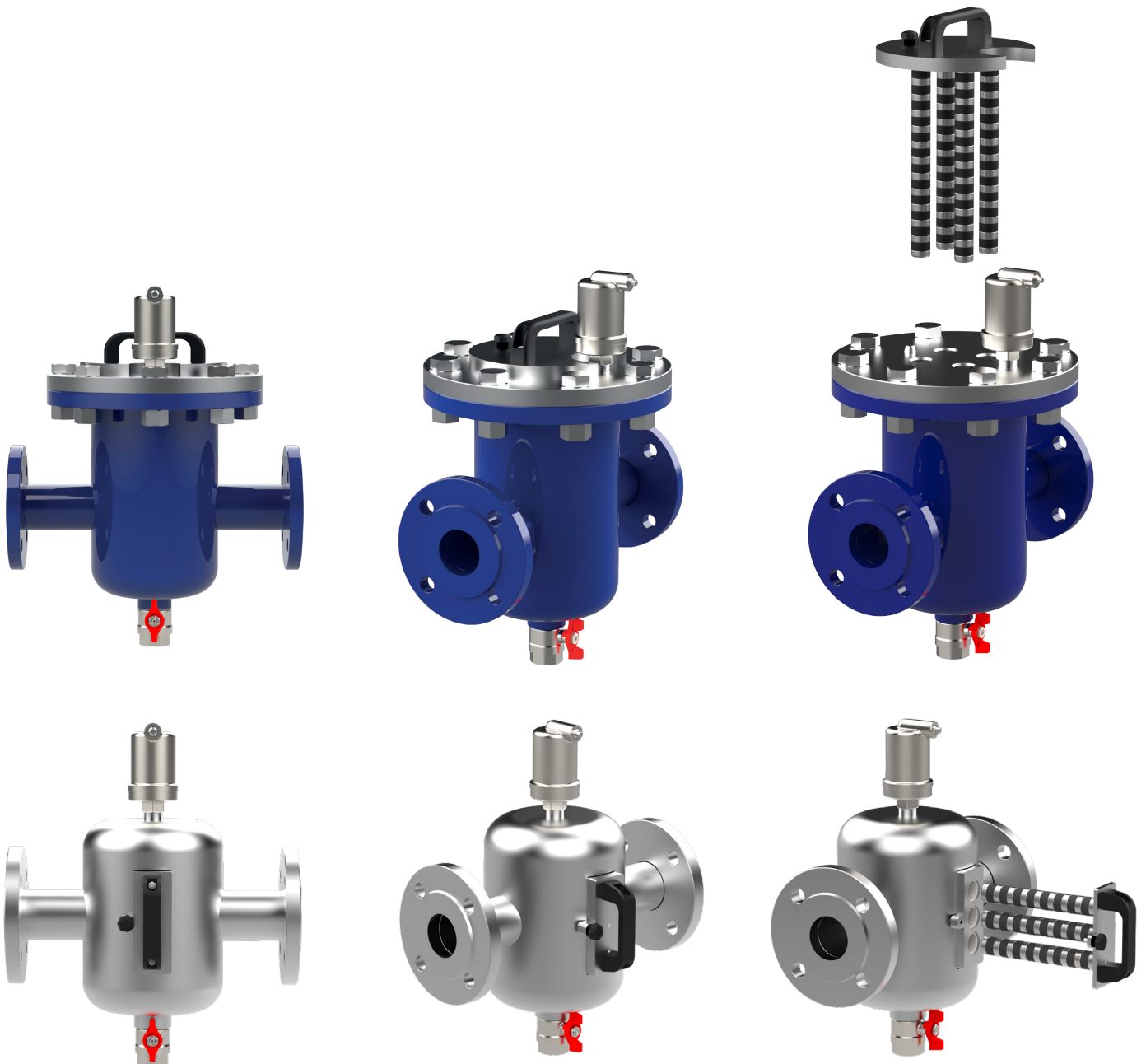


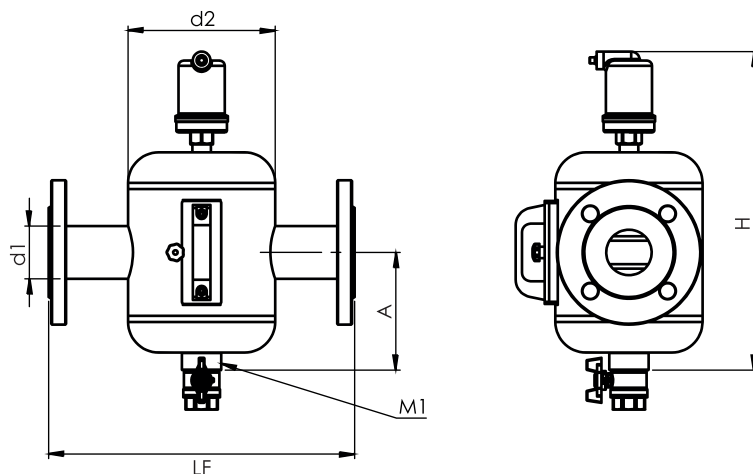
# V-FORCE

## Dirt / Sediment Separator

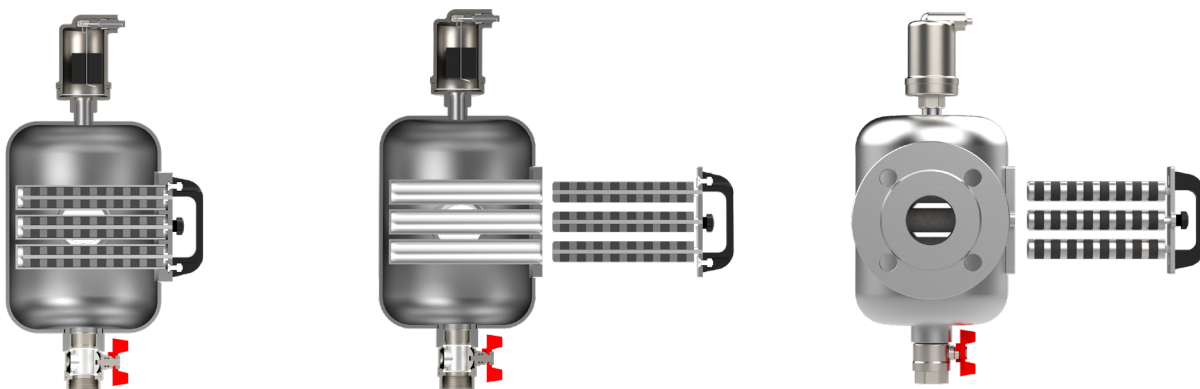
V-FORCE magnetic separators are designed to most effectively separate circulating magnetic particles in heating and cooling systems. Thanks to the strong magnets inside, the magnetic particles circulating with the water will be caught in the magnetic field created in the V-FORCE and will be prevented from circulating in the system.



## Dimensions



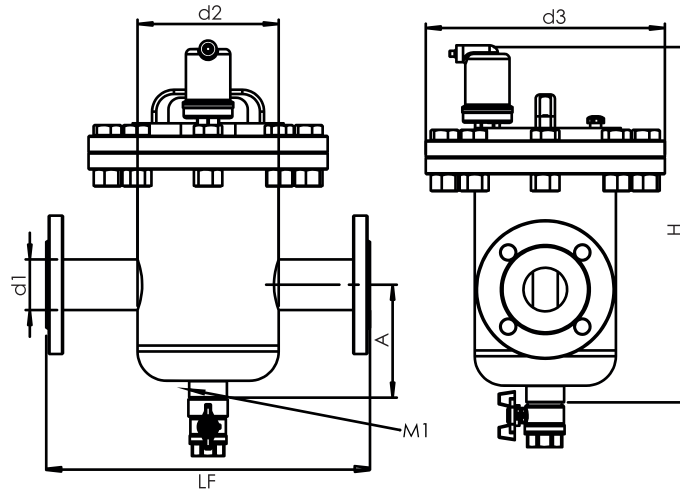
Ürün Kodu	d1	d2	LF	H	A	M1
MFY-50	60,3	168,3	350	371,6	134,5	1"
MFY-65	76,1	168,3	350	371,6	134,5	1"
MFY-80	88,9	168,3	350	391,6	142	1"
MFY-100	114,3	168,3	350	391,6	142	1"
MFY-150	168,3	323	580	525,6	213	2"
MFY-200	219,1	323	580	605,6	253	2"
MFY-250	273	323	620	645,6	273	2"
MFY-300	323,9	400	720	754,27	326,81	2"



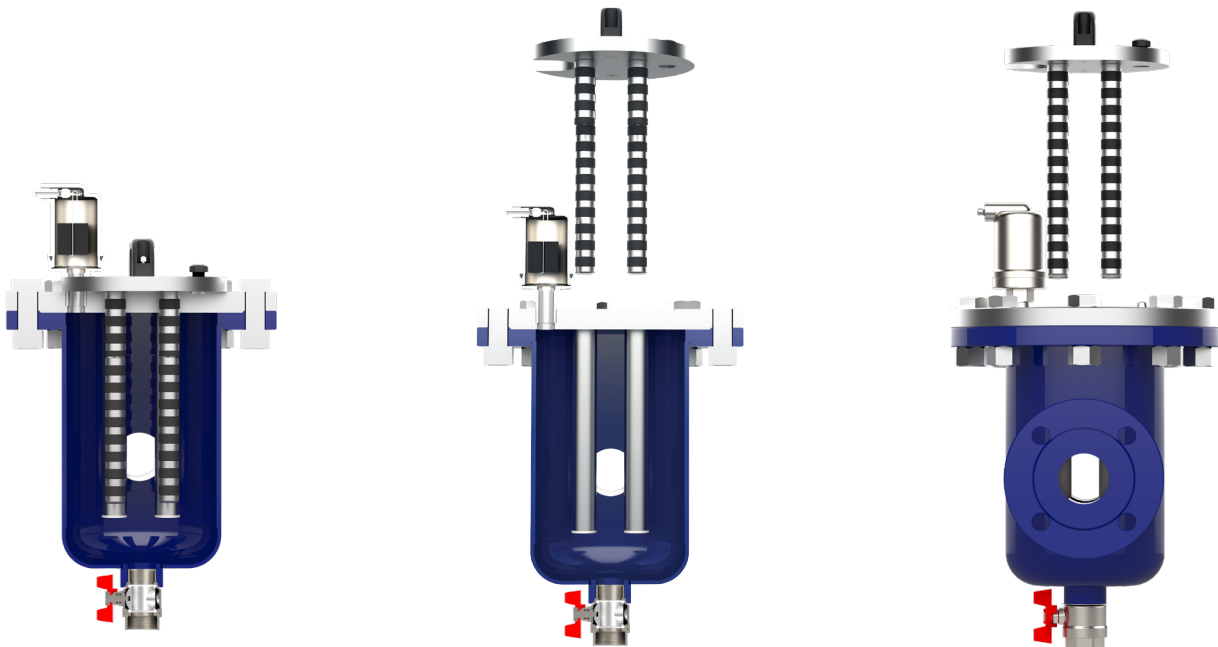
## Installer Benefits

Available for DN 50 - DN 300 pipedimensions with PN16 flanges.  
 Supplied with EPDM flange and lidgaskets for robust sealing at hightemperatures.  
 Individual magnet assemblies can be lifted independently for ease ofcleaning & maintenance, removing the need to disassemble and replacethe filter lid during servicing.  
 Installers do not need additional airvent to release microbubbles fromthe system.

## Dimensions

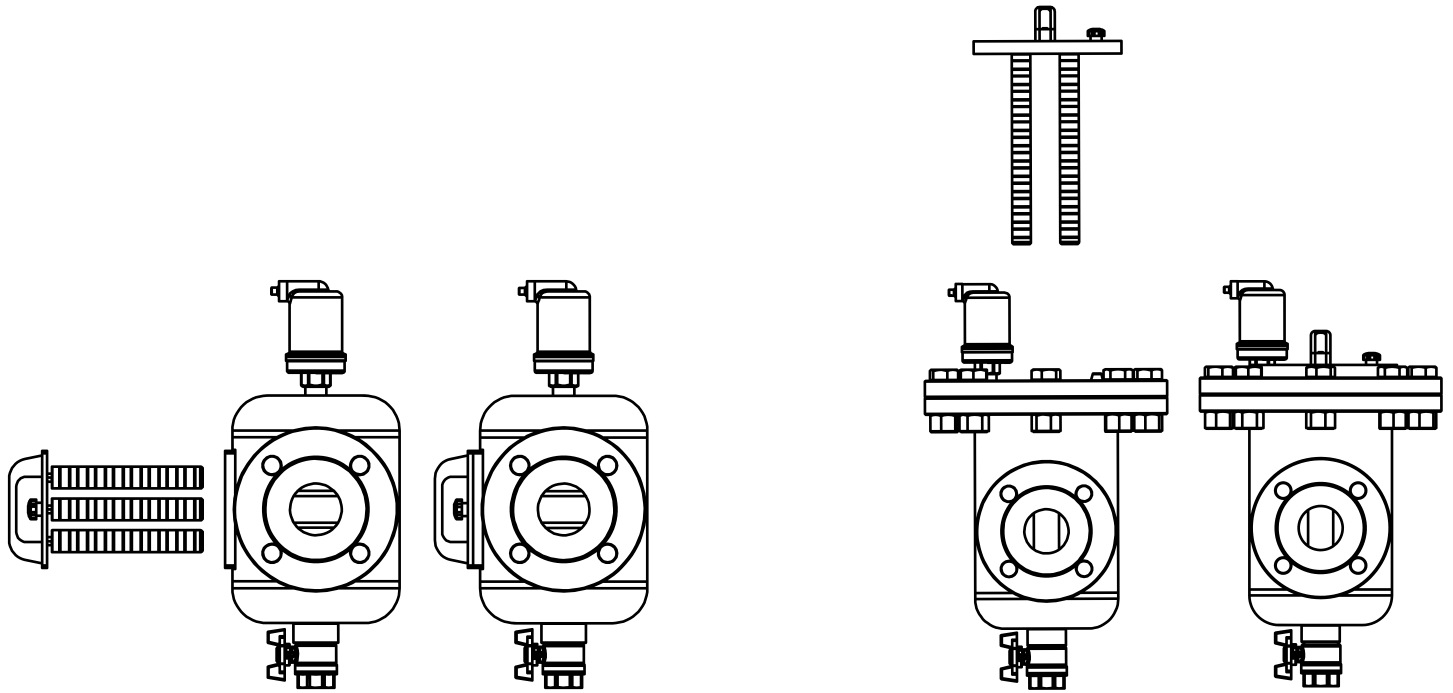


Ürün Kodu	d1	d2	d3	LF	H	A	M1
MFY-50	60,3	168,3	248	350	391,6	134,5	1"
MFY-65	76,1	168,3	248	350	391,6	134,5	1"
MFY-80	88,9	168,3	248	350	421,6	142	1"
MFY-100	114,3	168,3	248	350	421,6	142	1"
MFY-150	168,3	323	404	580	555,6	213	2"
MFY-200	219,1	323	404	580	635,6	253	2"
MFY-250	273	323	404	620	675,6	273	2"
MFY-300	323,9	400	516	720	794,27	326,81	2"



## Installation instructions

V-FORCE is an incredibly powerful range of magnetic filters designed to remove magnetite from light commercial heating systems through to heavy industrial applications. The exceptional design characteristics and high production quality of V-FORCE make installation and ongoing maintenance extremely straightforward. Correct installation and servicing is essential to ensure optimum operating performance and a longer operational life for the system.



## Step by step guide to installation

NOTE: When handling the magnets, care should be taken at all times to ensure they are not placed near another metallic/magnetic source. It is also important to keep the magnets dry at all times. If the magnet plate is removed ensure water does not spill inside the magnet pockets. Ensure all O-rings are seated correctly in the grooves above each magnet pocket before magnet plate is re-inserted. Follow the illustrations and measurements for easy installation of. There are four key steps to successful installation:

### Step 1

Use the measurements table to identify the correct length of pipework to be cut-out, allowing for your isolation valves (refer to measurement 'A'). On the primary circuit on the return to the boiler is recommended. Give consideration to the area above to access and remove the magnets easily during servicing. Refer to dimension 'H2' on measurement table shown.

### Step 2

Install the isolation valves and connect the two PN16 fl anges to the isolation valves using suitable gaskets.

### Step 3

Install ensuring that all fittings are aligned correctly and secure. Install a fixed drainage pipe and drain valve to the 1¼" drain point at the base of the unit (remove the drain plug first). Alternatively, remove the drain plug and connect to a drain hose when servicing.

### Step 4

Having checked the installation, run the system for a period of time. Ensure the isolation valves are fully open and there are no leaks. If, on installation, you remove the magnet plate, before replacing, ensure the magnets and magnet pockets are moisture free by drying them with a soft absorbent cloth. Once completely dry, replace the magnet plate and tighten the black retaining knobs – Hand tighten only