

Basket strainer FMK



The FMK basket strainer is a device designed to capture solid pollution transmitted by water in central heating installations, heating networks and heat nodes. Their use allows the proper operation of heat exchangers, pumps, boilers and other system devices, preventing the deposition of impurities that remain in the filter basket and are easy to remove. Cleansing the medium stream is a process of mechanical separation of solid bodies (e.g. gravel, particles from corrosion of pipes) in a filter element, which is a removable basket. The basket is made of perforated stainless steel and 500 µm filter mesh. The body is made depending on the model of powder -painted or galvanized steel. In addition, the device occurs in variants with or without insulation. The basket strainer is equipped with a manual vent and a drain valve. In addition, to ensure the catching of ferromagnetic impurities, the device can be equipped with a magnetic insert.

Technical data:

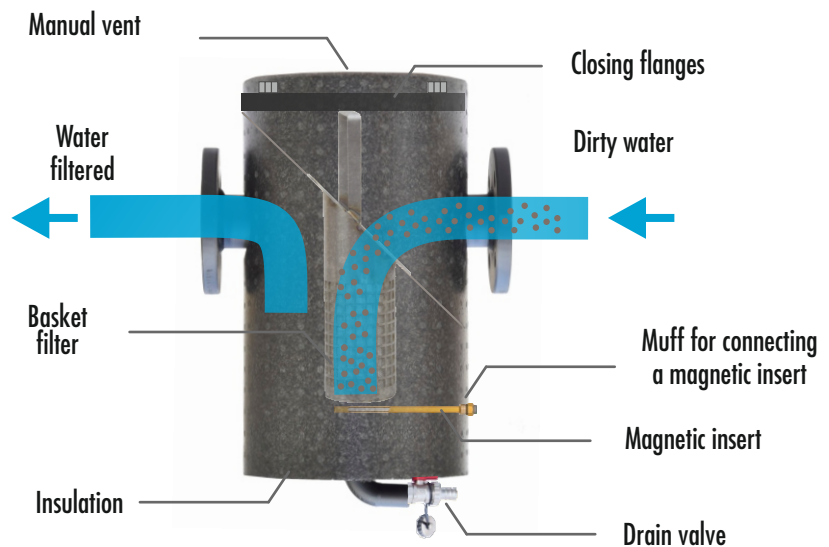
Material:	Painted/galvanized steel (depending on the model)
Maximum pressure:	6 bar
Maximum operating temperature:	110 ° C
Filter insert:	500 µm
Pressure norm of collars:	PN 16
Flow:	6-30 m3/h (depending on the model)
Isulation:	EPP black/none (depending on the model)

Type	Catalog number
Basket strainer FMK 150 - DN 50 with additional equipment, without insulation, painted	609141
Basket strainer FMK 150 - DN 65 with additional equipment, without insulation, painted	609142
Basket strainer FMK 250 - DN 80 with additional equipment, without insulation, painted	609143
Basket strainer FMK 300 - DN 100 with additional equipment, without insulation, painted	609144
Basket strainer FMK 300 - DN 125 with additional equipment, without insulation, painted	609145
Type	Catalog number
Basket strainer FMKo 150 - DN 50 with additional equipment, without insulation, galvanized	609151
Basket strainer FMKo 150 - DN 65 with additional equipment, without insulation, galvanized	609152
Basket strainer FMKo 250 - DN 80 with additional equipment, without insulation, galvanized	609153
Basket strainer FMKo 300 - DN 100 with additional equipment, without insulation, galvanized	609154
Basket strainer FMKo 300 - DN 125 with additional equipment, without insulation, galvanized	609155
Type	Catalog number
Basket strainer FMK+ 150 - DN 50 with additional equipment, with insulation, painted	609241
Basket strainer FMK+ 150 - DN 65 with additional equipment, with insulation, painted	609242
Basket strainer FMK+ 250 - DN 80 with additional equipment, with insulation, painted	609243
Basket strainer FMK+ 300 - DN 100 with additional equipment, with insulation, painted	609244
Basket strainer FMK+ 300 - DN 125 with additional equipment, with insulation, painted	609245
Type	Catalog number
Basket strainer FMKo+ 150 - DN 50 with additional equipment, with insulation, galvanized	609251
Basket strainer FMKo+ 150 - DN 65 with additional equipment, with insulation, galvanized	609252
Basket strainer FMKo+ 250 - DN 80 with additional equipment, with insulation, galvanized	609253
Basket strainer FMKo+ 300 - DN 100 with additional equipment, with insulation, galvanized	609254
Basket strainer FMKo+ 300 - DN 125 with additional equipment, with insulation, galvanized	609255

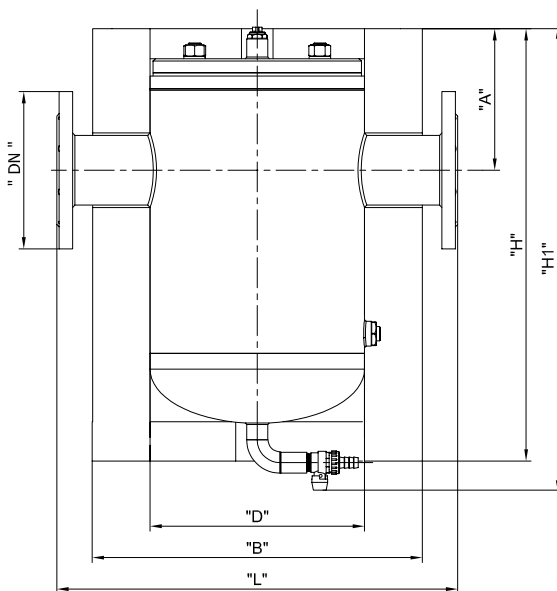


Components of the basket strainer

Removable filter basket
allows free cleaning
filter



Dimensions



	FMK 150 - DN 50	FMK 150 - DN 65	FMK 250 - DN 80	FMK 300 - DN 100	FMK 300 - DN 125
DN	DN 50	DN 65	DN 80	DN 100	DN 125
A [mm]	150	150	180	180	180
B [Ø]	250	250	420	420	420
D [Ø]	168	168	273	324	324
H [mm]	430	430	550	550	550
H1 [mm]	490	490	600	600	600
L [mm]	350	350	510	510	510
Volume [dm ³]	6,6	7	23	33	34

Description basket strainer:

FMK - Basket strainer with additional equipment, without insulation, painted.

FMKo - Basket strainer with additional equipment, without insulation, galvanized.

FMK+ - Basket strainer with additional equipment, with insulation, painted.

FMKo+ - Basket strainer with additional equipment, with insulation, galvanized.



Connector distance for FMK



The distance connector helps in mounting the basket strainers in pump groups.

Type	Catalog number
Connector distance DN 50 (L-350mm) for FMK 150 - DN 50 with 4 mounting screws and a gasket EPDM DN 65	699061
Connector distance DN 65 (L-350mm) for FMK 150 - DN 65 with 4 mounting screws and a gasket EPDM DN 65	699062
Connector distance DN 80 (L-510mm) for FMK 250 - DN 80 with 4 mounting screws and a gasket EPDM DN 80	699063
Connector distance DN 100 (L-510mm) for FMK 300 - DN 100 with 4 mounting screws and a gasket EPDM DN 100	699064
Connector distance DN 125 (L-510mm) for FMK 300 - DN 125 with 4 mounting screws and a gasket EPDM DN 125	699065

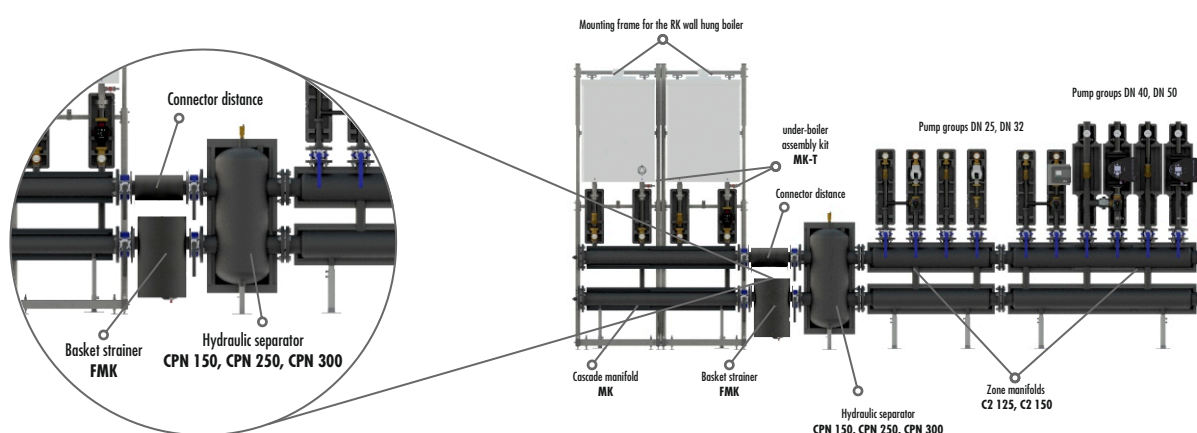
Magnetic insert for FMK



The magnetic insert is used to capture metal particles, preventing impurities in the installation.

Type	Catalog number
Magnetic insert 1/2" for basket strainer FMK 150 - DN 50, DN 65	607260
Magnetic insert 3/4" for basket strainer FMK 250 - DN 80	607261
Magnetic insert 1" for basket strainer FMK 300 - DN 100, DN 125	607262

Example of application



In order to facilitate the periodic cleaning of the installation, it is recommended to mount the shut-off valves before and for basket strainer.

