

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.

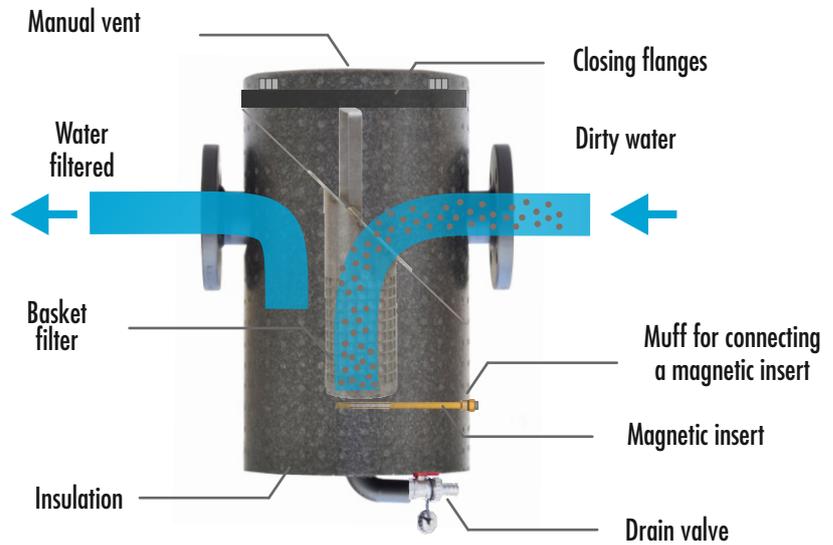
Technical data:

| | |
|--------------------------------|---|
| 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 m ³ /h (depending on the model) |
| Isulation: | EPP black/none (depending on the model) |

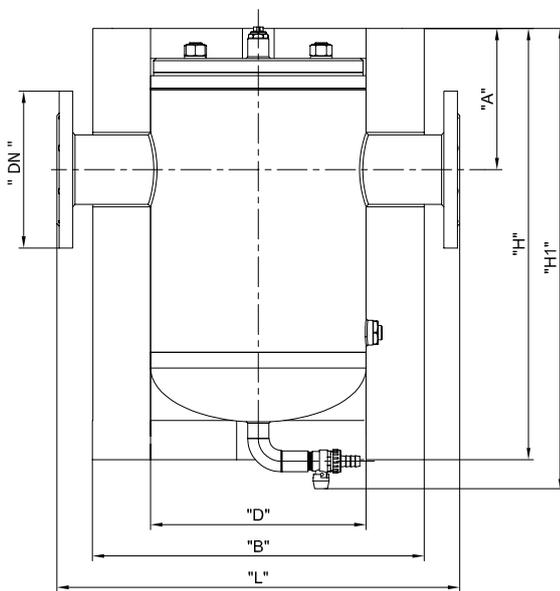
| Type | Catalog number |
|--|----------------|
| Basket strainer FMK 150 - DN 50 with additional equipment, without insulation, painted | 609141 |
| Basket strainer FMK 150 - DN 65 with additional equipment, without insulation, painted | 609142 |
| Basket strainer FMK 250 - DN 80 with additional equipment, 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 [∅] | 250 | 250 | 420 | 420 | 420 |
| D [∅] | 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.

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

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

FMK_o+ - 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 |

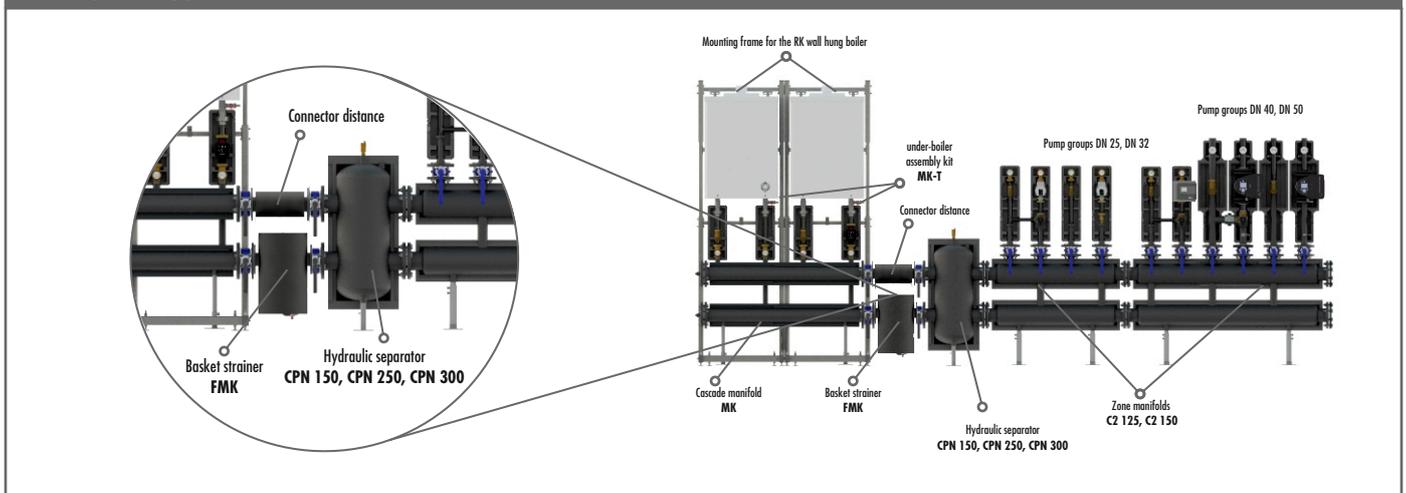
Magnetic insert for FMK



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.