



PRODUCT CATALOG

www.aytokindia.com



www.aytokfiltre.com



Aytok has started its manufacturing journey with PE fittings for driplines in 1997. A while later, Aytok management saw a market opportunity and started plastic and metal filtration manufacturing in Konya.

This decision created marvelous results and carried Aytok into a market leader manufacturer position in Turkey. Behind this success surely focus on R&D, market-field analysis and inspections are taken seriously by Aytok management. Aytok as a market leader also opened new areas like on field troubleshooting service, on factory maintenance promotions, applying technology and control systems are well known and appreciated by the consumers.

Today, Aytok is serving with 12380m² covered, total 30.000m² facility area, 50 total employees, dedicated engineers and export department with 45 countries in the portfolio. This allows Aytok to play a high quality leader brand in local market and also be a global player who follows international manufacturing standards with export focus capabilities.

Aytok targets to keep its credentials coming along the years, create added value with innovative products and stabilize its position in the top five of filtration industry.





AYTOK FILTRATION USAGE PURPOSES

AGRICULTURAL IRRIGATION FILTRATION SYSTEMS

COOLING TOWER FILTRATION SYSTEMS

LASTAGE(BALLAST) FILTRATION SYSTEMS

HYDROELECTRIC PLANT FILTRATION SYSTEMS

SEA WATER DESALINATION FILTRATION SYSTEMS

VARIOUS WATER SOURCE FILTRATION SYSTEMS (RIVER, LAKE,
DAM ETC.)

WELL WATER FILTRATION SYSTEMS

SPESIFIC FILTRATION ON MANUFACTURING PLANT BASED ON
WATER CONTAMINATION, FLOW AND PRESSURE

REVERSE OSMOS AND PURIFICATION FILTRATION SYSTEMS

IN GREENHOUSE FILTRATION SYSTEMS

WASTE WATER THREATMENT FILTRATION SYSTEMS

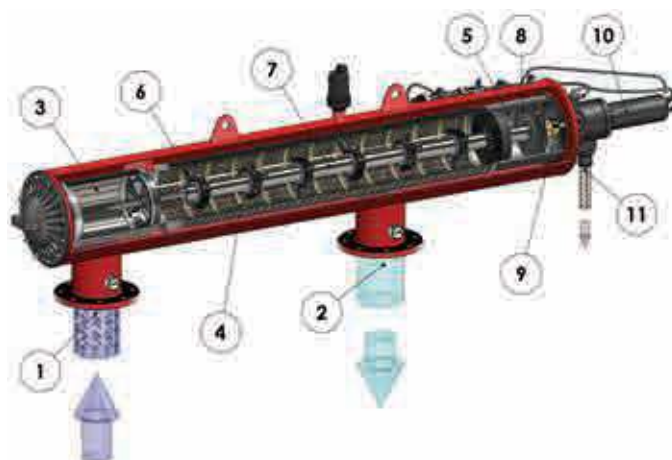
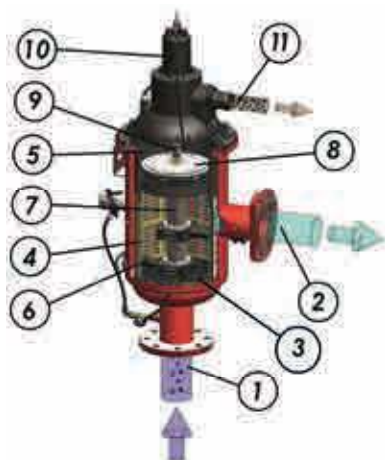
Self-Cleaning Filters Operation Principle

Water coming from inlet manifold which contains physical residue and particles first pass through coarse screen and arrive to multi-layer screen filtration section where the main filtration will be done. Water which passes this multilayer screen section and move to outlet manifold side will already filtrated. In this process water will leave particles on the screen holes and this will cause and friction between inlet and outlet, so a pressure differential will occur as well. Surely, pressure differential will increase by keeping inlet pressure higher than outlet pressure. In order to balance this pressure differential and ensure continuity of filtration process particles that block screen inner surface needs to be cleaned and discharged. Our filters have capability to do this self-cleaning operation without disassembling the unit while filtration is continuing. A pre sett pressure differential value coded to filter during manufacturing will activate controller to send a command to open drainage valve or gate to start discharging dirty water. Screen inner kit which is under higher pressure will create a vacuum effect, nozzle located in the same place sucks dirt and move to drainage part by nozzle connected collector rod. By this self-cleaning process ends and when the pressure differential achieved to settled value, this process will repeat itself.



FEATURES :

- Filter body carbon steel or stainless steel optionally
- High performance during back flushing.
- Large Filtering Surface
- Easy to assembly and filter components ,not required to change
- %100 back flushing performance
- Back flushing time approx. 30 secs.
- Not required additional energy
- Minimum head loss and minimum flushing flow



- 1- INLET
- 2-OUTLET
- 3-COARSE SCREEN
- 4-MULTIPLEX SCREEN
- 5-TURBINE POOL
- 6-NOZZLES
- 7-INNER COLLECTOR ROD
- 8-TURBINE
- 9-PISTONE ROD
- 10-PISTONE
- 11-DRAINAGE

MODELS

AUTOMATIC SELF CLEANING SCREEN FILTERS VDF, VEF, CVDF,CVEF MODELS

AUTOMATIC SELF CLEANING SCREEN FILTER HDF,EF,CHDF,CEF MODELS

AUTOMATIC SELF CLEANING SCREEN FILTER VHF ,VEF,CVHF,CVEF MODELS

AUTOMATIC SELF CLEANING SCREEN FILTER VBE,CVBE, MODELS

AUTOMATIC SELF CLEANING SCREEN FILTER HBE,CHBE MODELS

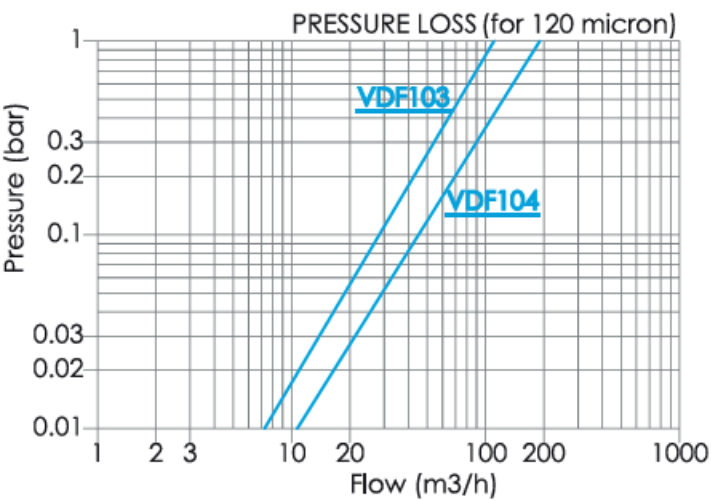
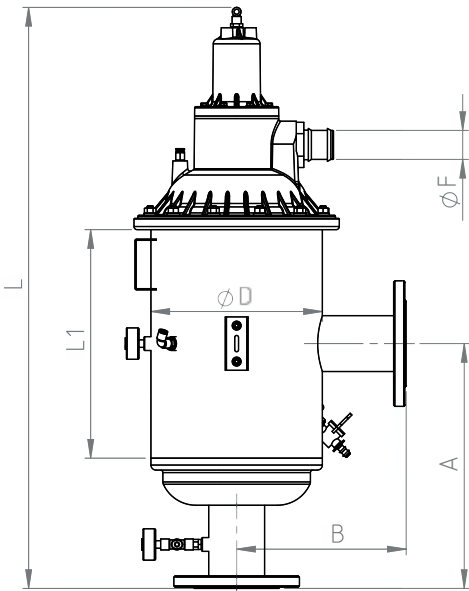
AUTOMATIC SELF CLEANING SCREEN FILTER VRF,CVRF MODELS (motor reducer)

AUTOMATIC SELF CLEANING SCREEN FILTER RF,CRF MODELS (motor reducer)

AUTOMATIC SELF CLEANING SCREEN FILTER MF,CMF MODELS (Manual Semi Automatic)



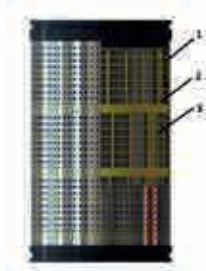
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	inch	DN	mm				inch		m³/h		cm²	pieces		kg
VDF/VEF102 CVDF/CVEF102	2	50	390	270	365	920	10	2	12	40	1317	2	2	37 31
VDF/VEF1025 CVDF/CVEF1025	2 1/2	65	390	270	365	920	10	2	12	50	1317	2	2	38 32
VDF/VEF103 CVDF/CVEF103	3	80	390	270	365	920	10	2	12	55	1317	2	2	39 34
VDF/VEF103S CVDF/CVEF103S	3	80	440	270	465	1020	10	2	18	70	1975	3	3	42 36
VDF/VEF104 CVDF/CVEF104	4	100	440	270	465	1020	10	2	18	100	1975	3	3	44 38



General Characteristics

Body Material: ST-37 / AISI 316L / AISI 304 L
Screen Material: AISI 304L , PRGF
Maximum Working Pressure : 10 bar (145 Psi) (optionally up to 25 bars (360 psi)
Maximum Output Pressure : 2 bar (29 Psi)
Maximum Working Temperture : 60 ° C (140 F)

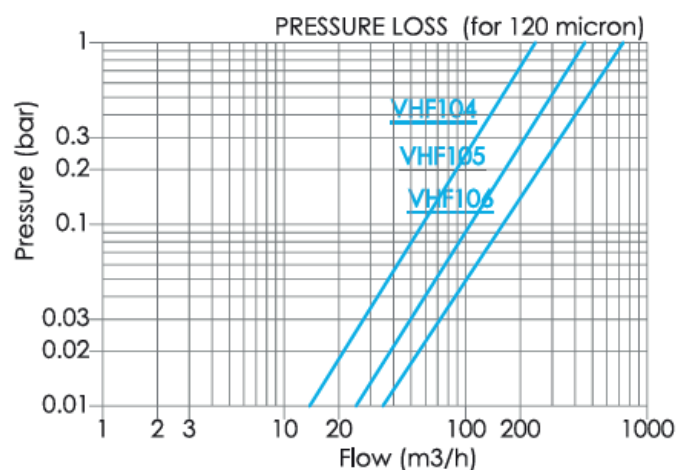
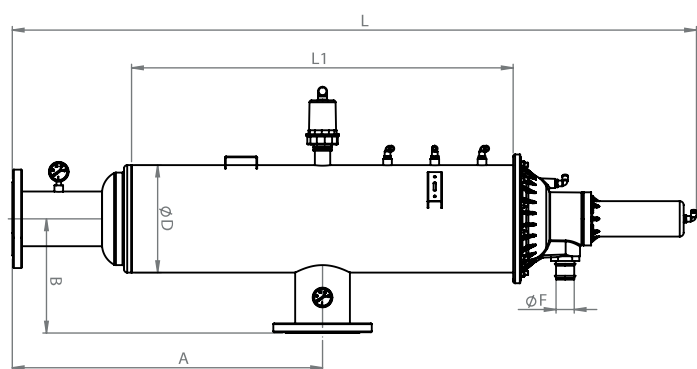
Back Flushing Type : Time and / or Pressure Differantial
Back Flush Control System : Electronic (AC/DC) , Hydraulic Control
Filtration Degree: 20-2000 micron (μ)
Painting Method: Electrostratic Powder Cotaing
Paint Material : Epoxy Polyester



- 1.Protector coarse Screen AISI304L
- 2. Molded plastic rib (PA6)
- 3. The main filtering Screen



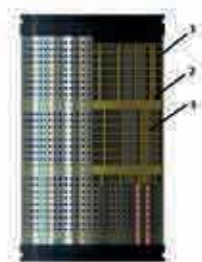
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	inch	DN	mm				inch		m³/h		cm²	pieces		kg
VHF/EVF104 CVHF/CEVF104	4	100	680	287	770	1525	10	2	12	120	2634	2	4	61 55
VHF/EVF104S CVHF/CEVF104S	4	100	780	287	970	1725	10	2	18	140	3951	3	6	67 61
VHF/EVF105 CVHF/CEVF105	5	125	780	287	970	1725	10	2	18	150	3951	3	6	69 63
VHF/EVF105S CVHF/CEVF105S	5	125	880	287	1170	1925	10	2	24	160	5268	4	8	74 69
VHF/EVF106 CVHF/CEVF106	6	150	880	287	1170	1925	10	2	24	180	5268	4	8	81 75
VHF/EVF126S CVHF/CEVF126S	6	150	1085	312	1587	2342	12	2	36	220	7902	6	12	122 112
VHF/EVF128 CVHF/CEVF128	8	200	1085	312	1587	2342	12	2	36	320	7902	6	12	125 115



General Characteristics

Body Material: ST-37 / AISI 316L / AISI 304 L
Screen Material: AISI 304L , PRGF
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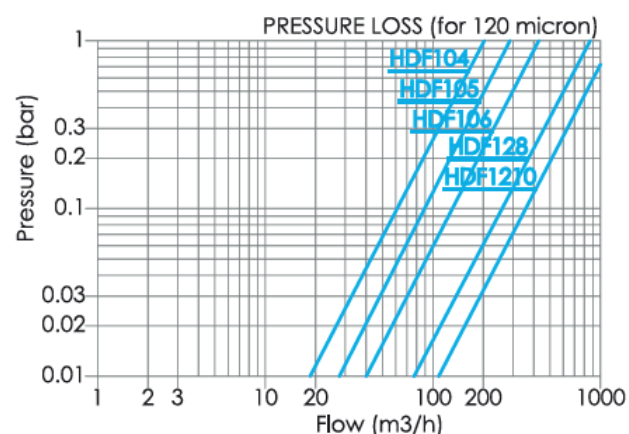
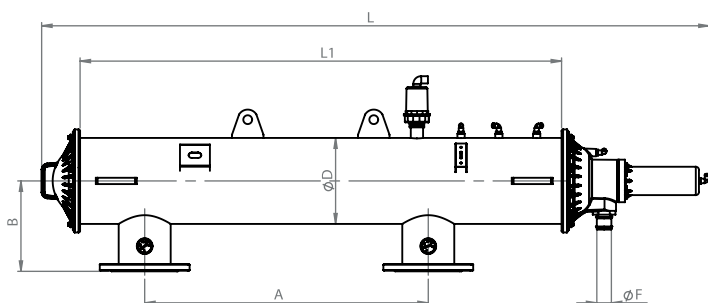
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Back Flush Control System : Electronic (AC/DC) , Hydraulic Control
Filtration Degree: 20-2000 micron (μ)
Painting Method: Electrostratic Powder Cotaing
Paint Material : Epoxy Polyester



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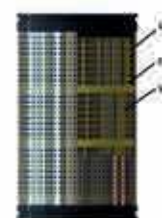
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	inch	DN	mm				inch		m³/h		cm²	pieces		kg
HDF/EF104 CHDF/CEF104	4	100	500	287	1020	1600	10	2	12	120	2634	2	4	71 64
HDF/EF104S CHDF/CEF104S	4	100	600	287	1020	1800	10	2	18	140	3951	3	6	81 73
HDF/EF105 CHDF/CEF105	5	125	600	287	1220	1800	10	2	18	150	3951	3	6	83 75
HDF/EF105S CHDF/CEF105S	5	125	900	287	1530	2110	10	2	24	160	5268	4	8	89 81
HDF/EF106 CHDF/CEF106	6	150	900	287	1530	2110	10	2	24	180	5268	4	8	93 85
HDF/EF126S CHDF/CEF126S	6	150	1100	312	1922	2502	12	2	36	220	7902	6	12	130 112
HDF/EF128 CHDF/CEF128	8	200	1100	312	1922	2502	12	2	36	320	7902	6	12	133 115
HDF/EF1210 CHDF/CEF1210	10	250	1100	312	1922	2502	12	2	36	380	7902	6	12	142 124



General Characteristics

Body Material: ST-37 / AISI 316L / AISI 304 L
Screen Material: AISI 304L , PRGF
Maximum Working Pressure : 10 bar (145 Psi) (optionally up to 25 bars (360 psi)
Maximum Output Pressure : 2 bar (29 Psi)
Maximum Working Temperture : 60 ° C (140 F)

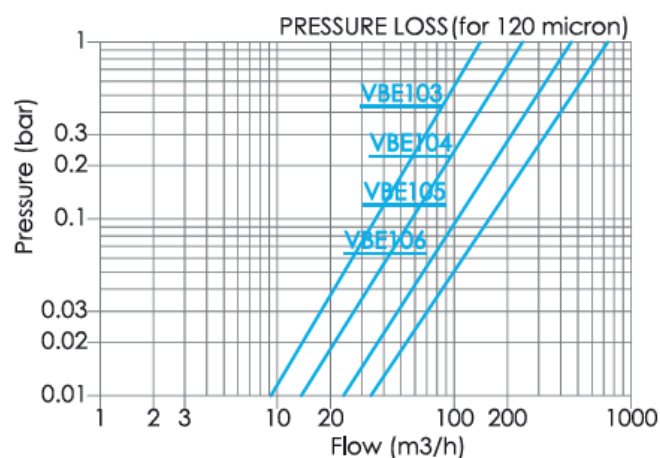
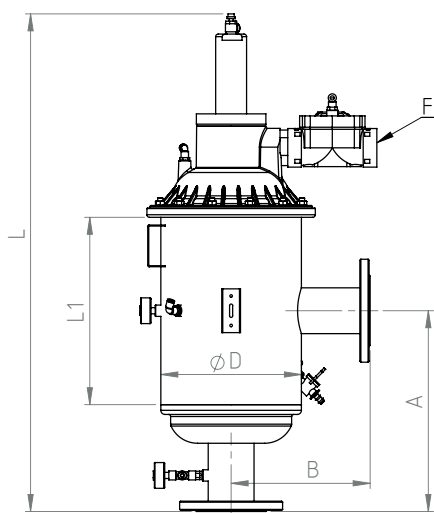
Back Flushing Type : Time and / or Pressure Differential
Back Flush Control System : Electronic (AC/DC) , Hydraulic Control
Filtration Degree: 20-2000 micron (μ)
Painting Method: Electrostratic Powder Cotaing
Paint Material : Epoxy Polyester



- 1.Protector coarse Screen AISI304L
2. Molded plastic rib (PA6)
3. The main filtering Screen



Code	Inlet/Outlet		A	B	L1	L	D	F	Drainage Flow	Flow	Filter Surface Area	Nozzle	Sieve	Weight
	inch	DN	mm				inch		m³/h		cm²	pieces		kg
VBE102 CVBE102	2	50	390	270	365	965	10	2	12	40	1317	2	2	36 31
VBE102S CVBE102S	2	50	440	270	465	1065	10	2	18	50	1975	3	3	40 35
VBE102S CVBE102S	2 1/2	65	440	270	465	1065	10	2	18	55	1975	3	3	41 36
VBE103F CVBE103F	3	80	390	270	365	965	10	2	12	55	1317	2	2	42 37
VBE103 CVBE103	3	80	440	270	465	1065	10	2	18	70	1975	3	3	44 39
VBE103S CVBE103S	3	80	490	270	565	1165	10	2	24	100	2634	4	4	46 40
VBE104F CVBE104F	4	100	440	270	465	1065	10	2	18	100	1975	3	3	46 41
VBE104 CVBE104	4	100	490	270	565	1165	10	2	24	120	2634	4	4	49 43
VBE104S CVBE104S	4	100	780	287	970	1725	10	2	18	140	3951	3	6	66 59
VBE105 CVBE105	5	125	780	287	970	1725	10	2	18	150	3951	3	6	69 62
VBE105S CVBE105S	5	125	880	287	1170	1925	10	2	24	160	5268	4	8	75 68
VBE106 CVBE106	6	150	880	287	1170	1925	10	2	24	180	5268	4	8	80 63



General Characteristics

Body Material: ST-37 / AISI 316L / AISI 304 L
Screen Material: AISI 304L , PRGF
Maximum Working Pressure : 10 bar (145 Psi) (optionally up to 25 bars (360 psi)
Maximum Output Pressure : 2 bar (29 Psi)
Maximum Working Temperature : 60 °C (140 F)

Back Flushing Type : Time and / or Pressure Differential
Back Flush Control System : Electronic (AC/DC) , Hydraulic Control
Filtration Degree: 20-2000 micron (μ)
Painting Method: Electrostatic Powder Coating
Paint Material : Epoxy Polyester



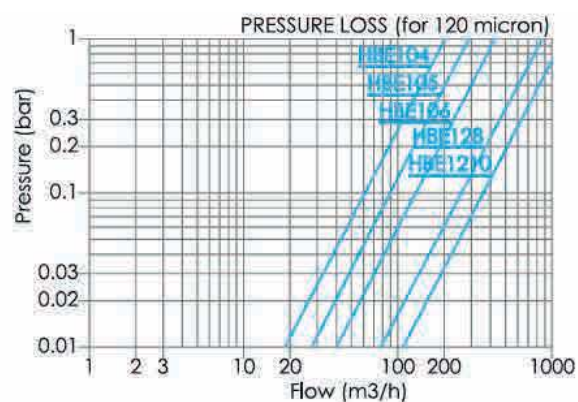
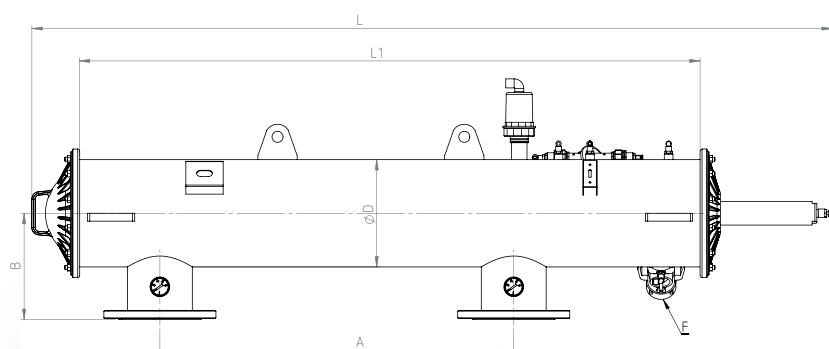
- 1.Protector coarse Screen AISI304L
2. Molded plastic rib (PA6)
3. The main filtering Screen

AUTOMATIC SELF CLEANING SCREEN FILTER HBE,CHBE MODELS



Aytok®
Water Filter Systems

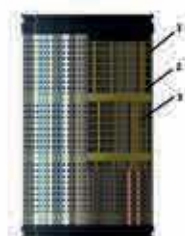
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	inch	DN	mm				inch		m³/h		cm²	pieces		kg
HBE104 CHBE104	4	100	500	287	1070	1525	10	2	12	120	2634	2	4	64 58
HBE104S CHBE104S	4	100	600	287	1270	1725	10	2	18	140	3951	3	6	75 68
HBE105 CHBE105	5	125	600	287	1270	1725	10	2	18	150	3951	3	6	78 71
HBE105S CHBE105S	5	125	900	287	1580	2035	10	2	24	160	5268	4	8	89 82
HBE106 CHBE106	6	150	900	287	1580	2035	10	2	24	180	5268	4	8	94 86
HBE126S CHBE126S	6	150	1100	312	1972	2425	12	2	36	220	7902	6	12	132 115
HBE128 CHBE128	8	200	1100	312	1972	2425	12	2	36	320	7902	6	12	135 118
HBE128S CHBE128S	8	200	1500	312	2165	2625	12	3	42	340	9219	7	14	155 138
HBE1210 CHBE1210	10	250	1500	312	2165	2625	12	3	42	440	9219	7	14	166 148



General Characteristics

Body Material: ST-37 / AISI 316L / AISI 304 L
Screen Material: AISI 304L , PRGF
Maximum Working Pressure : 10 bar (145 Psi) (optionally up to 25 bars (360 psi)
Maximum Output Pressure : 2 bar (29 Psi)
Maximum Working Temperture : 60 ° C (140 F)

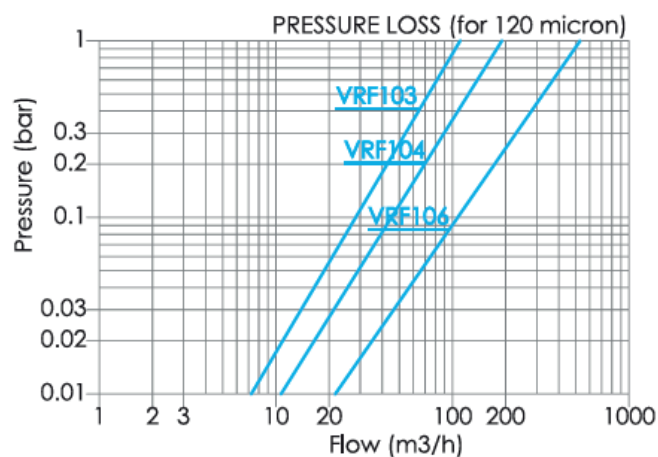
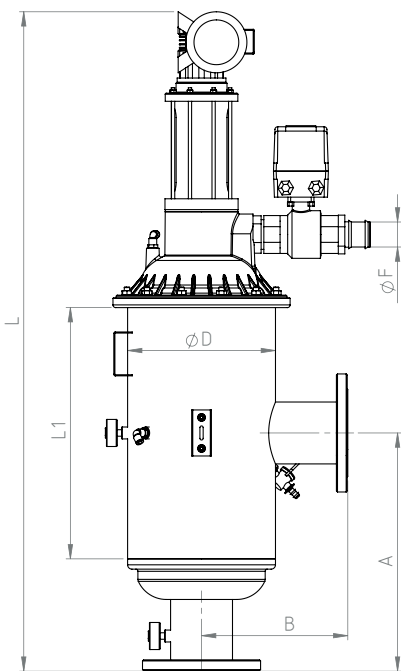
Back Flushing Type : Time and / or Pressure Differential
Back Flush Control System : Electronic (AC/DC) , Hydraulic Control
Filtration Degree: 20-2000 micron (μ)
Painting Method: Electrostratic Powder Cotaing
Paint Material : Epoxy Polyester



- 1.Protector coarse Screen AISI304L
2. Molded plastic rib (PA6)
3. The main filtering Screen



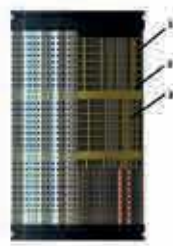
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	inch	DN	mm				inch		m³/h		cm²	pieces		kg
VRF102 CVRF102	2	50	390	270	365	1120	10	2	12	40	1317	2	2	42 36
VRF102S CVRF102S	2½	65	390	270	365	1120	10	2	12	50	1317	2	2	43 37
VRF103 CVRF103	3	80	390	270	365	1120	10	2	12	55	1317	2	2	44 38
VRF103S CVRF103S	3	80	440	270	465	1220	10	2	18	70	1975	3	3	47 41
VRF104 CVRF104	4	100	440	270	465	1220	10	2	18	100	1975	3	3	49 43
VRF104S CVRF104S	4	100	490	270	565	1320	10	2	12	120	2634	4	4	51 45
VRF105 CVRF105	5	125	590	287	765	1520	10	2	18	150	3951	6	6	56 49
VRF106 CVRF106	6	150	590	287	765	1520	10	2	18	160	3951	6	6	58 51



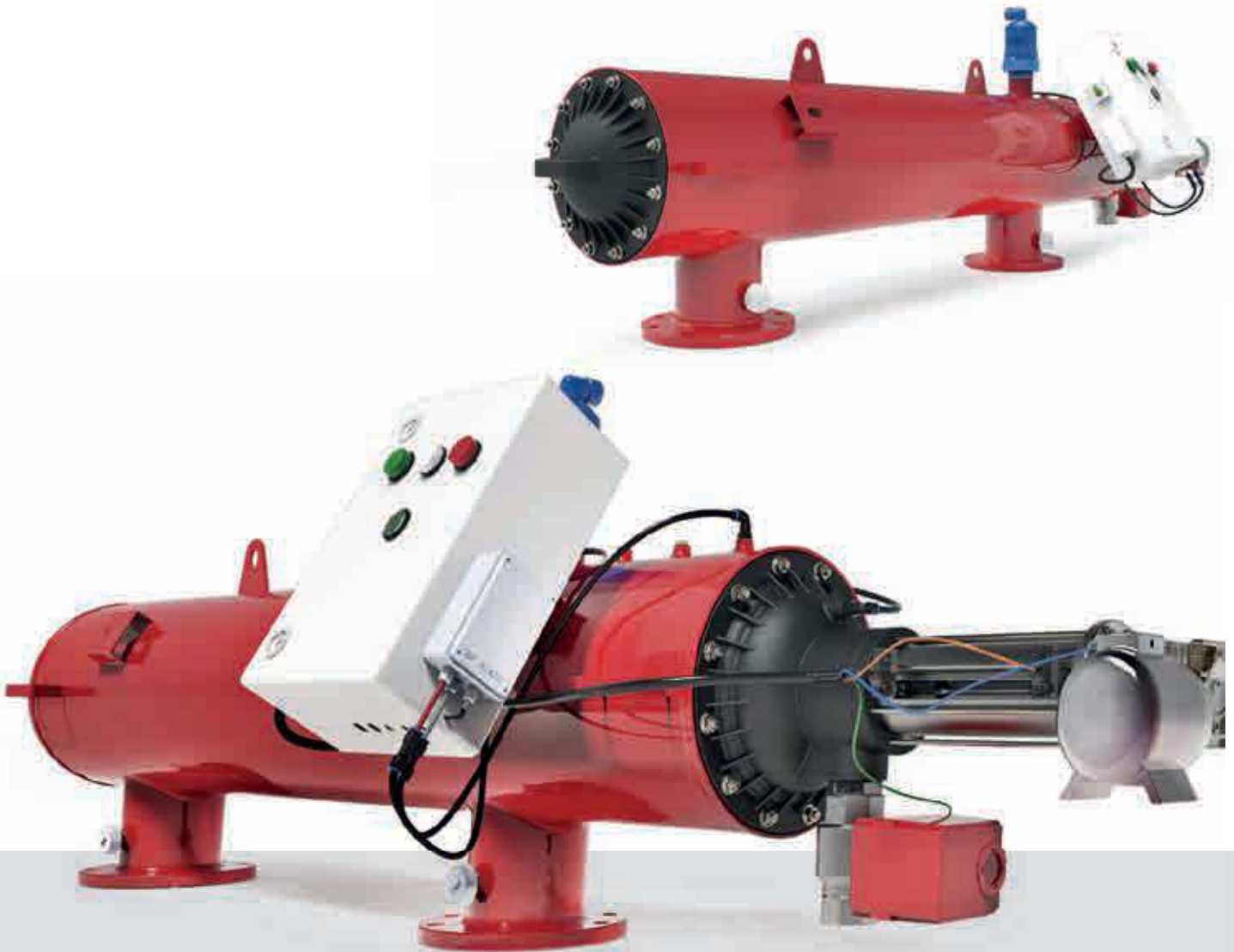
General Characteristics

Body Material: ST-37 / AISI 316L / AISI 304 L
Screen Material: AISI 304L , PRGF
Maximum Working Pressure : 10 bar (145 Psi) (optionally up to 25 bars (360 psi)
Maximum Output Pressure : 1 bar (15 Psi)
Maximum Working Temperture : 60 ° C (140 F)

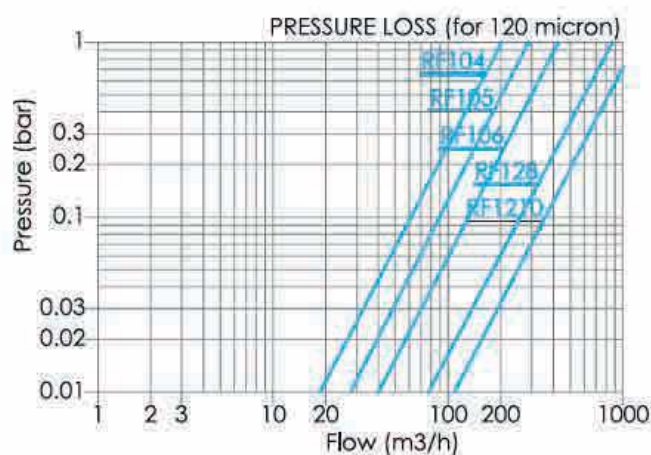
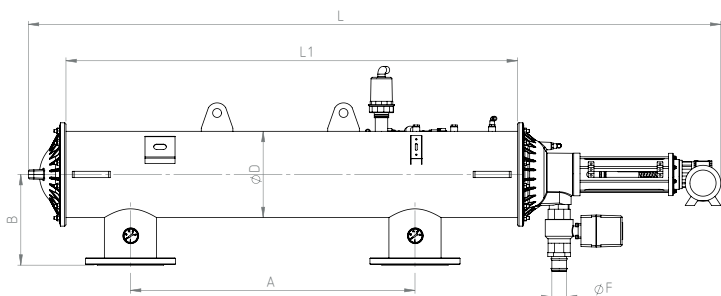
Back Flushing Type : Time and / or Pressure Differential
Back Flush Control System : Electronic Controlled Reducer Motor
Filtration Degree: 20-2000 micron (μ)
Painting Method: Electrostratic Powder Cotaing
Paint Material : Epoxy Polyester



- 1.Protector coarse Screen AISI304L
2. Molded plastic rib (PA6)
3. The main filtering Screen



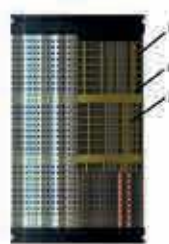
Code	Inlet/Outlet		A	B	L1	L	D	F	Drainage Flow	Flow	Filter Surface Area	Nozzle	Sieve	Weight
	inch	DN	mm				inch		m³/h		cm²	pieces		kg
RF104 CRF104	4	100	500	287	920	1685	10	2	12	120	2634	2	4	85 78
RF104S CRF104S	4	100	600	287	1120	1885	10	2	18	140	3951	3	6	94 86
RF105 CRF105	5	125	600	287	1120	1885	10	2	18	150	3951	3	6	96 88
RF105S CRF105S	5	125	900	287	1430	2195	10	2	24	160	5268	4	8	103 95
RF106 CRF106	6	150	900	287	1430	2195	10	2	24	180	5268	4	8	106 98
RF126S CRF126S	6	150	1100	312	1822	2585	12	2	36	220	7902	6	12	135 117
RF128 CRF128	8	200	1100	312	1822	2585	12	2	36	320	7902	6	12	138 120
RF1210 CRF1210	10	250	1100	312	1822	2585	12	2	36	380	7902	6	12	149 130



General Characteristics

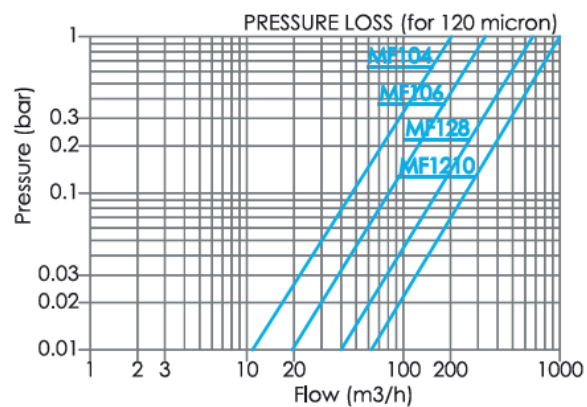
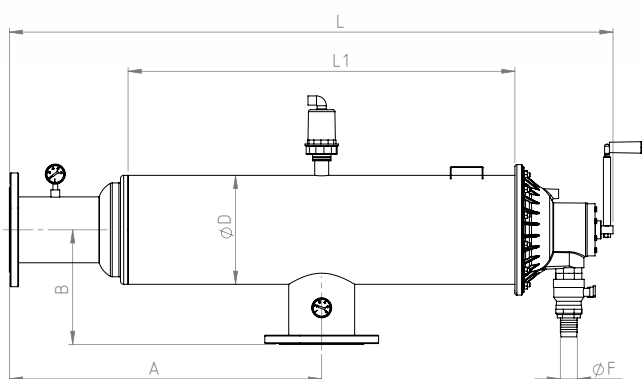
Body Material: ST-37 / AISI 316L / AISI 304 L
Screen Material: AISI 304L , PRGF
Maximum Working Pressure : 10 bar (145 Psi) (optionally up to 25 bars (360 psi)
Maximum Output Pressure : 1 bar (15 Psi)
Maximum Working Temperture : 60 ° C (140 F)

Back Flushing Type : Time and / or Pressure Differential
Back Flush Control System : Electronic Controlled Reducer Motor
Filtration Degree: 20-2000 micron (μ)
Painting Method: Electrostratic Powder Cotaing
Paint Material : Epoxy Polyester

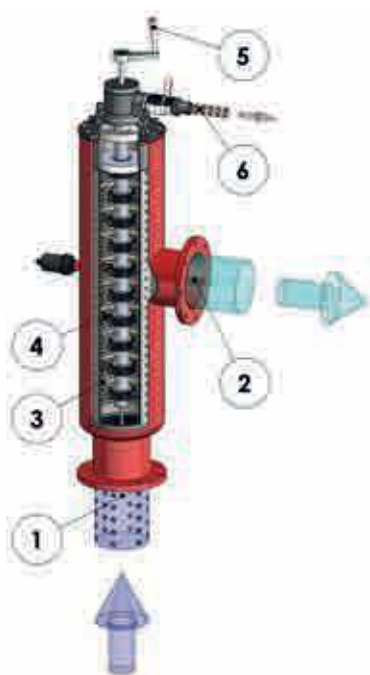


- 1.Protector coarse Screen AISI304L
2. Molded plastic rib (PA6)
3. The main filtering Screen

AUTOMATIC SELF CLEANING SCREEN FILTER MF,CMF MODELS (MANUAL SEMI AUTOMATIC)



Code	Inlet/Outlet		A	B	L1	L	D	F	Drainage Flow	Flow	Filter Surface Area	Nozzle	Sieve	Weight
	inch	DN	mm				inch		m³/h		cm²	pieces		kg
MF102 CMF102	2	50	390	270	365	910	10	2	12	40	1317	2	2	36 30
MF1025 CMF1025	2½	65	390	270	365	910	10	2	12	50	1317	2	2	37 31
MF103 CMF103	3	80	440	270	465	1010	10	2	18	70	1975	3	3	41 35
MF104 CMF104	4	100	580	270	570	1115	10	2	24	120	2634	4	4	48 42
MF105 CMF105	5	125	680	287	770	1315	10	2	18	150	3951	3	6	57 50
MF106 CMF106	6	150	780	287	970	1515	10	2	24	180	5268	4	8	67 60
MF106S CMF106S	6	150	880	287	1170	1715	10	2	30	220	6585	5	10	75 68
MF128 CMF128	8	200	870	312	1150	1695	12	2	30	320	6585	5	10	115 104
MF128S CMF128S	8	200	985	312	1385	1930	12	2	36	340	7902	6	12	127 114



Working Principle

Water passes to part which include multiplex filter (1). It is protected with a rough material with screen over of multiplex screen.(3)The thin filter goes to output collector side(2).Particles,collected on multiplex screen,constitute a pollution layer over of the filter and a pressure difference in the outside collector.The filter cleaning and back washing is made with turnig manual arm to right –left (5) and during this process, a back washing flow forms to the atmosphere (6) with the opening of decharge valve.This flow cleans particle volution together, obtains the absorbing whole filter surface by vacuum nozzles.(4)

This process continues until input and output pressures will balanced. During the back washing,the filtration process continues.

General Characteristics

Body Material: ST-37 / AISI 316L / AISI 304 L
Screen Material: AISI 304L , PRGF
Maximum Working Pressure : 10 bar (145 Psi) (optionally up to 25 bars (360 psi)
Maximum Output Pressure : 1 bar (15 Psi)
Maximum Working Temperture : 60 ° C (140 F)

Filtration Degree: 20-2000 micron (μ)
Painting Method: Electrostratic Powder Cotaing
Paint Material : Epoxy Polyester



- 1.Protector coarse Screen AISI304L
2. Molded plastic rib (PA6)
3. The main filtering Screen





MODELS

MINI PLASTIC FILTERS (DISC&SCREEN) MPD,MPE

EKO PLASTIC FILTERS (DISC&SCREEN) EKOD EKOE

PLASTIC FILTERS (DISC&SCREEN) /HORIZONTAL PLASTIC DISC FILTERS PE,PD,PH

DOUBLE PLASTIC FILTERS (DISC&SCREEN) DD,DE

PLASTIC AUTOMATIC SELF CLEANING DISC FILTERS /DOUBLE PLASTIC AUTOMATIC SELF CLEANING DISC FILTERS PSC,DDSC

PLASTIC VACUUM CLEANING SCREEN FILTERS / DOUBLE PLASTIC VACUUM SCREEN CLEANING FILTERS PV,DV

PLASTIC HYDROCYCLONE (NEW , UNDER PATENT) P20

PLASTIC SAND MEDIA FILTERS(NEW,UNDER PATENT) P30

PLASTIC FERTILIZER TANKS (NEW ,UNDER PATENT) P1

PLASTIC CLAMPS V20

PLASTIC VENTURIES

MINI PLASTIC FILTERS (DISC&SCREEN) MPD,MPE

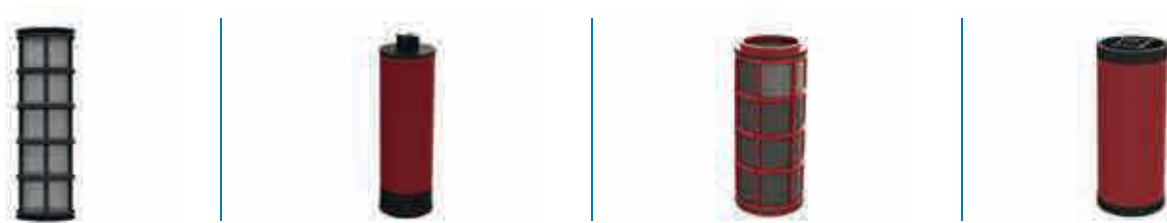


Code	D	M	T	D1	H	K	Flow	Filter Surface Area	Weight
	inch			mm		m³/h		cm²	kg
MPE3/4	3/4	1/4	1/2	70	182	162	3	156	0,25
MPD3/4	3/4	1/4	1/2	70	182	162	3	160	0,4
MPE10	1	1/4	1/2	70	182	162	5	156	0,25
MPD10	1	1/4	1/2	70	182	162	5	160	0,4
MPE14	1¼	1/4	1/2	116	245	250	8	360	1
MPD14	1¼	1/4	1/2	116	245	250	8	403	1,2
MPE15	1½	1/4	1/2	116	245	250	10	360	1
MPD15	1½	1/4	1/2	116	245	250	10	403	1,2
MPE20	2	1/4	1/2	116	245	250	12	360	1
MPD20	2	1/4	1/2	116	245	250	12	403	1,2

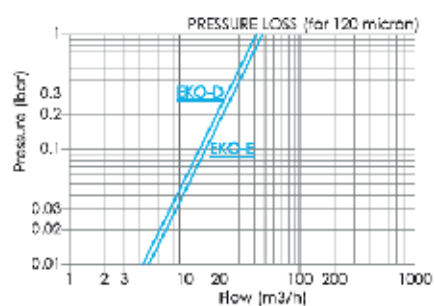
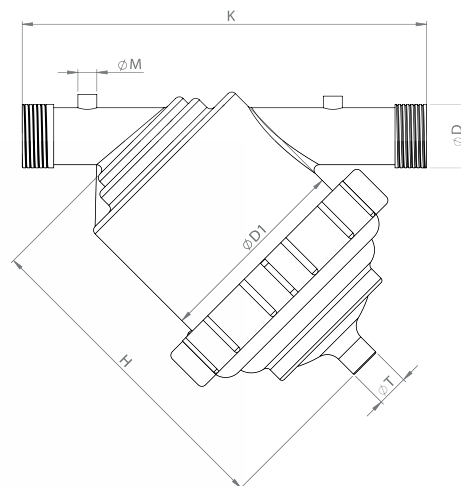
General Characteristics

Body Material : Pa %30 Gfr
Cartridge Material: Pp (Disc) Pa (Screen Aisi 304 Cage Pa)
Maximum Workig Pressure : 8 Bar (116 Psi)
Maximum Working Temperature:60 C/ 140 F

The Filtration Degree: 20-50-100-125 Micron
Cartridge Of Filters:
D: Disc Cartridge
E:Screen Cartridge



EKO PLASTIC FILTERS (DISC&SCREEN) EKOD EKOE



Code	D	M	T	D1	H	K	Flow	Filter Surface Area	Weight
	inch			mm			m³/h	cm²	kg
EKO-E	2	1/4	1/2	190	305	385	25	760	3
EKO-D	2	1/4	1/2	190	305	385	25	730	3,8

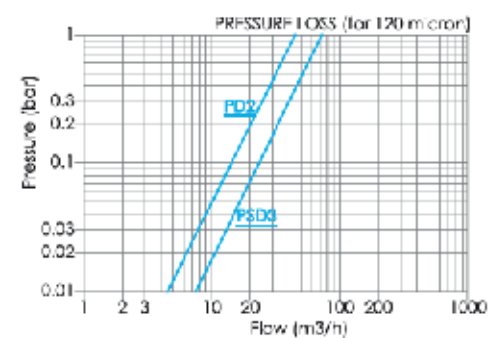
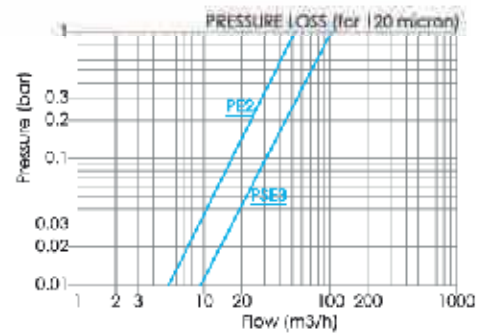
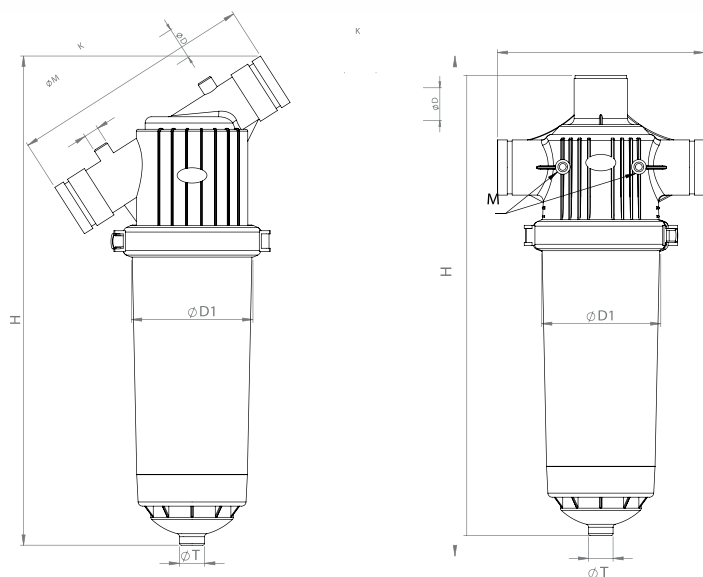
General Characteristics

Body Material : Pa %30 Gfr
Cartridge Material: Pp (Disc) Pa (Screen Aisi 304 Cage Pa)
Maximum Workig Pressure : 8 Bar (116 Psi)
Maximum Working Temperature:60 C/ 140 F

The Filtration Degree: 20-50-100-125 Micron
Cartridge Of Filters:
D: Disc Cartridge
E:Screen Cartridge



PLASTIC FILTERS (DISC&SCREEN) / HORIZONTAL PLASTIC DISC FILTERS PE,PD,PH



Code	D	M	T	D1	H	K	Flow	Filter Surface Area	Weight
	inch			mm		m³/h		cm²	kg
PHD25	2½	1/4	3/4	190	680	380	30	1302	6,9
PHSD25	2½	1/4	3/4	190	790	380	35	1805	7,9
PHD3	3	1/4	3/4	190	680	380	35	1302	7
PHSD3	3	1/4	3/4	190	790	380	40	1805	8
PHE25	2½	1/4	3/4	190	680	380	30	1140	5,3
PHSE25	2½	1/4	3/4	190	790	380	40	1520	6,1
PHE3	3	1/4	3/4	190	680	380	45	1140	5,4
PHSE3	3	1/4	3/4	190	790	380	50	1520	6,2
PD2	2	1/4	3/4	190	600	340	30	1302	7
PSD2	2	1/4	3/4	190	750	340	35	1805	8
PD25	2½	1/4	3/4	190	600	340	35	1302	7,1
PSD25	2½	1/4	3/4	190	750	340	40	1805	8,1
PD3	3	1/4	3/4	190	600	340	45	1302	7,2
PSD3	3	1/4	3/4	190	750	340	50	1805	8,2
PE2	2	1/4	3/4	190	600	340	30	1140	5,4
PSE2	2	1/4	3/4	190	750	340	35	1520	6,3
PE25	2½	1/4	3/4	190	600	340	35	1140	5,5
PSE25	2½	1/4	3/4	190	750	340	40	1520	6,4
PE3	3	1/4	3/4	190	600	340	45	1140	5,6
PSE3	3	1/4	3/4	190	750	340	50	1520	6,5

General Characteristics

Body Material : Pa %30 Gfr
 Cartridge Material: Pp (Disc) Pa (Screen Aisi 304 Cage Pa)
 Maximum Workig Pressure : 8 Bar (116 Psi)
 Maximum Working Temperature:60 C/ 140 F
 The Filtration Degree: 20-50-100-125 Micron

Cartridge Of Filters:
 D: Disc Cartridge
 E:Screen Cartridge



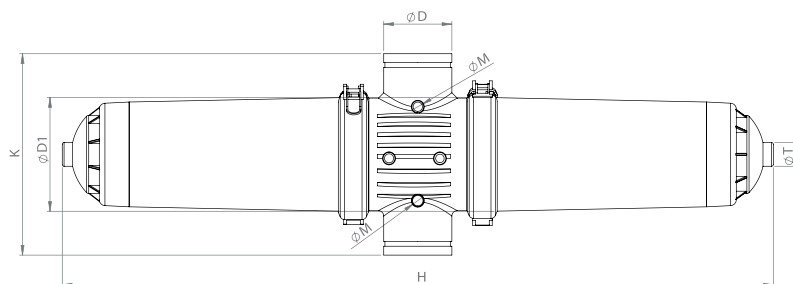
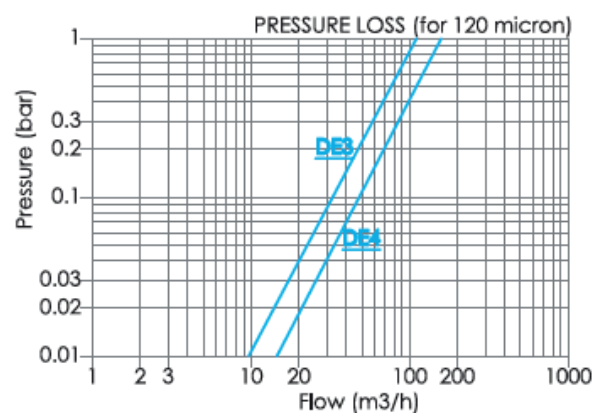
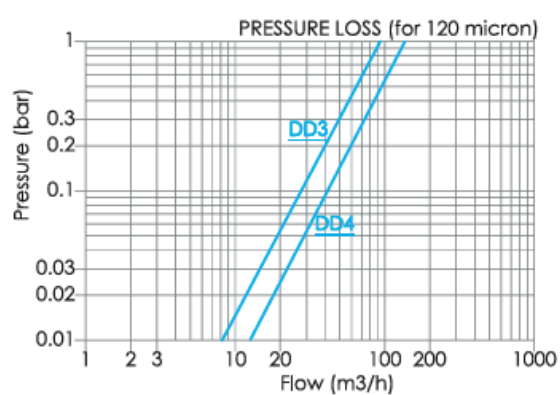


General Characteristics

Body Material : Pa %30 Gfr
Cartridge Material: Pp (Disc) Pa (Screen Aisi 304 Cage Pa)
Maximum Workig Pressure : 8 Bar (116 Psi)
Maximum Working Temperature:60 C/ 140 F

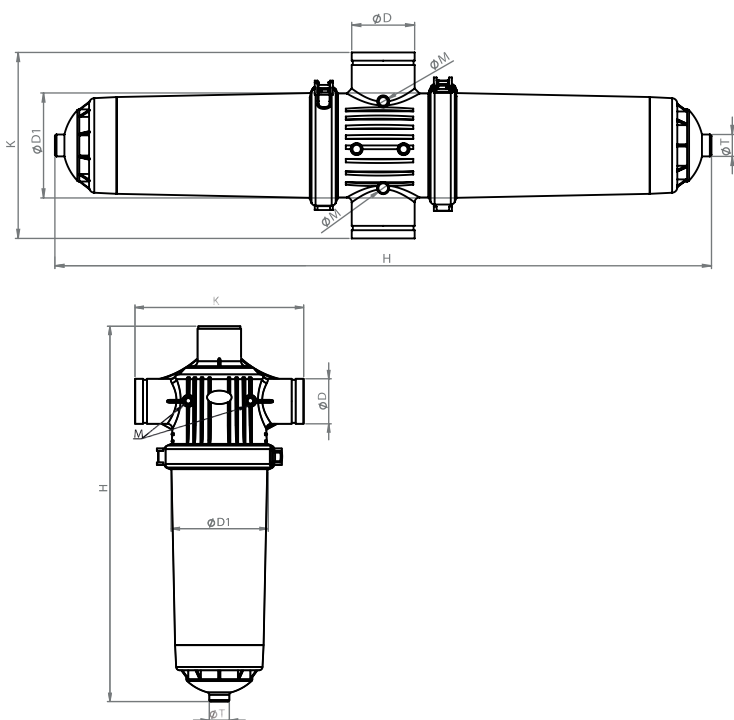
The Filtration Degree: 20-50-100-125 Micron
Cartridge Of Filters:
D: Disc Cartridge
E:Screen Cartridge

Code	D	M	T	D1	H	K	Flow	Filter Surface Area	Weight
	inch			mm			m³/h	cm²	kg
DD3	3	1/4	3/4	190	960	340	50	2604	11,4
DD4	4	1/4	3/4	190	960	340	70	2604	11,6
DDS3	3	1/4	3/4	190	1200	340	60	3610	13,6
DDS4	4	1/4	3/4	190	1200	340	80	3610	13,8
DE3	3	1/4	3/4	190	960	340	50	2280	8,4
DE4	4	1/4	3/4	190	960	340	70	2280	8,6
DES3	3	1/4	3/4	190	1200	340	60	3040	9,8
DES4	4	1/4	3/4	190	1200	340	80	3040	10





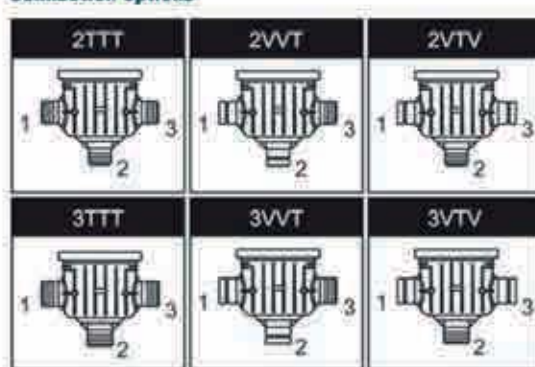
Code	D	M	T	D1	H	K	Flow	Filter Surface Area	Weight
	inch			mm		m ³ /h		cm ²	kg
PSC2	2	1/4	3/4	190	750	340	20	1550	9,6
PSC25	2½	1/4	3/4	190	750	340	25	1550	9,7
PSC3	3	1/4	3/4	190	750	340	25	1550	9,8
DDSC3	3	1/4	3/4	190	1200	340	50	3100	16,5
DDSC4	4	1/4	3/4	190	1200	340	60	3100	16,8



Automatic Backflush Operation for Self-Cleaning Filter Systems;

Back flush operations starts by sensing pre-defined pressure differential and changing water flow direction by a 3 ways valve. The high downstream pressure accumulated by the water which has flow direction changed while its passing from inside to outside of the filter will overcome the suppression force which press discs down and release discs. Water direction is also moves tangential to discs by that discs starts a circular movement and particles which sticks on the surface will be removed and discharged.

Connection Options



General Characteristics

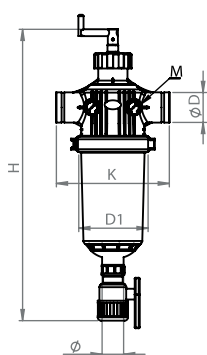
Body Material : Pa %30 Gfr
 Cartridge Material: Pp (Disc)
 Maximum Workig Pressure : 8 Bar (116 Psi)
 Maximum Working Temperature:60 C/ 140 F
 Back Flushing Type : Time And / Or Pressure Differantial

Back Flush Control System : Electronic (Ac/dc) Or Semi Automatic Manual
 The Filtration Degree: 20-50-100-125 Micron
 Cartridge Of Filters:
 D: Disc Cartridge



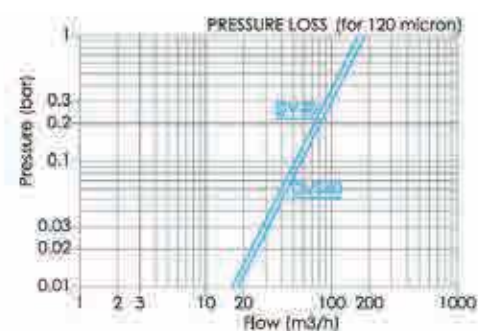
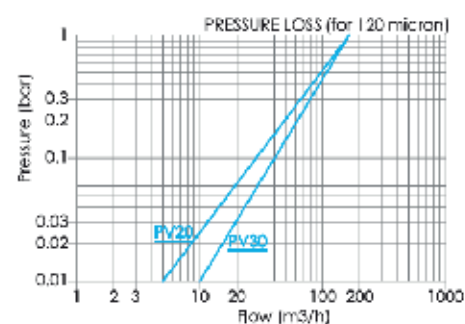
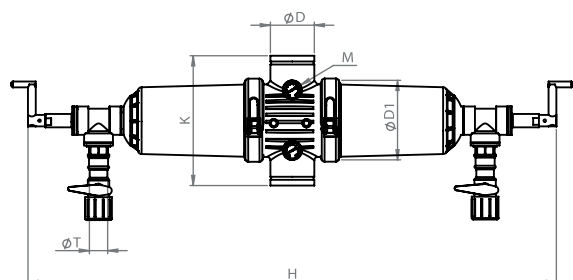


Code	D	M	T	D1	H	K	Flow	Filter Surface Area	Weight
	inch			mm			m³/h	cm²	kg
PV20	2	1/4	1½	190	900	340	30	1140	7,2
PVS20	2	1/4	1½	190	1000	340	35	1520	8,2
PV25	2½	1/4	1½	190	900	340	40	1140	7,4
PVS25	2½	1/4	1½	190	1000	340	45	1520	8,4
PV30	3	1/4	1½	190	900	340	50	1140	7,6
PVS30	3	1/4	1½	190	1000	340	55	1520	8,7
DV30	3	1/4	1½	190	1400	340	55	2280	12,2
DVS30	3	1/4	1½	190	1650	340	65	3040	14,2
DV40	4	1/4	1½	190	1400	340	60	2280	12,4
DVS40	4	1/4	1½	190	1650	340	80	3040	14,5



PV , DV WORKING PRINCIPLE

When pressure differences between manometers are 1 bar , open the valve , firstly turn right six tour and then six tour left manually. After that close the valve and check the manometers, if manometers show the same pressure, cleaning process is done.



General Characteristics

Body Material : Pa %30 Gfr

Cartridge Material: Pa (Screen Aisi 304 Cage Pa)

Maximum Workig Pressure : 8 Bar (116 Psi)

Maximum Working Temperature:60 C/ 140 F

The Filtration Degree: 20-50-100-125 Micron

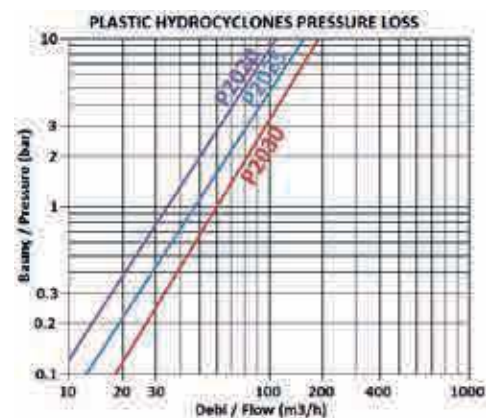
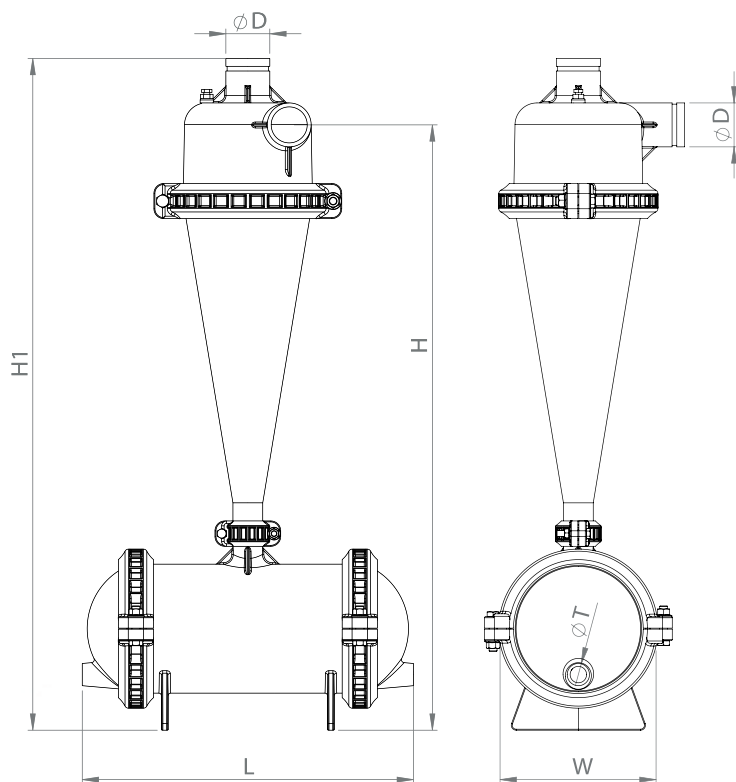
Back Flush Control System : Semi Automatic Manual

Cartridge Of Filters: Screen Cartridge





Code	D	T	H	H1	L	W	Flow	Weight
	inch		mm				m³/h	kg
P2020	2	3/4	1023	1154	580	206	20-30	9,5
P2025	2½	3/4	1023	1154	580	206	30-40	9,5
P2030	3	2	1225	1360	670	322	40-60	19



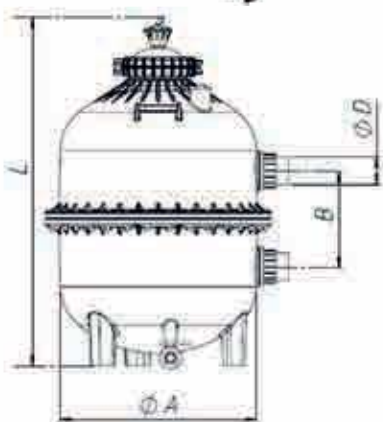
General Characteristics

Body Material : Pa %30 Gfr

Maximum Workig Pressure : 6 Bar (88 Psi)

Maximum Working Temperature:60 C/ 140 F

PLASTIC SAND MEDIA FILTERS(NEW,UNDER PATENT) P30



Aytok Gravel Sand Media Filtration systems designed to filtrate organic materials and particles which may come from water source in micro irrigation systems. Sand Media Filter systems is applicable for open water sources such as river lake, dam to eliminate organic matters like Algas for agricultural usage. As industrial usage is most common use is for water treatment and sludge filtration.

- Easy to use and low maintenance requirement
- Single and array design possibilities
- Easy to handle and non-corrosive structure
- Manual and automatized back flush



Code	A	B	L	D	Flow	Weight
	inch	mm		dn	m³/h	kg
P3020	24	300	50	1100	20	43
P3025	24	300	65	1100	25	43,2
P3030	24	300	80	1100	30	43,5

General Characteristics

- Body Material : Pa %30 Gfr
- Maximum Workig Pressure : 6 Bar (88 Psi)
- Maximum Working Temperature:60 C/ 140 F
- Maximum Sand Capacity:200 Kg

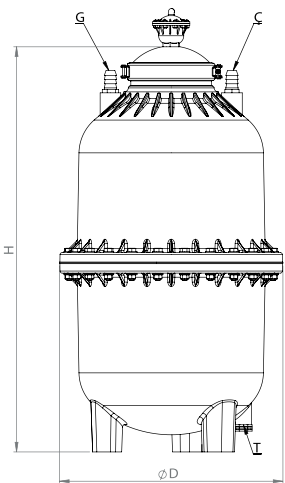


PLASTIC FERTILIZER TANKS (NEW ,UNDER PATENT) P1



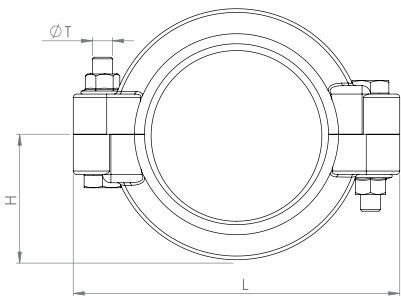
General Characteristics

Body Material : Pa %30 Gfr
Maximum Workig Pressure : 6 Bar (88 Psi)
Maximum Working Temperature:60 C/ 140 F

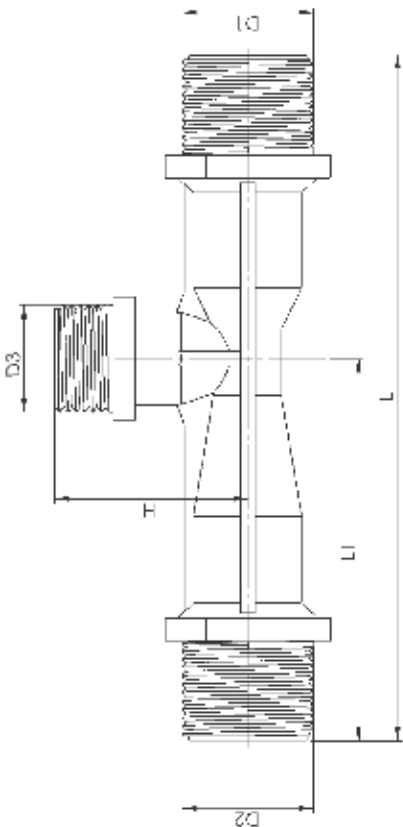


Code	D	G	Ç	T	T	Capacity	Weight
	inch				mm	tl	kg
P1100	21	1	1	3/4	965	100	24
P1200	28	1	1	3/4	1050	200	36

PLASTIC CLAMPS V20



Code	D	H	T	L	Max.Pressure	Weight
	inch			mm	bar	kg
V2020	2	45	10	133	10	0,37
V2025	2½	55	10	146	10	0,41
V2030	3	62,5	12	165	10	0,6
V2040	4	75	12	195	10	0,72
V2050	5	88	12	230	8	0,82
V2060	6	101,8	14	260	8	0,91



Code	D1	D2	D3	L	L1	H	Weight
	inch			mm			kg
4022-1	3/4	3/4	1/2	169	95	48	0,24
4022-2	1	1	3/4	166,5	92,5	48	0,27
4022-3	1½	1½	3/4	280	167	50	0,49
4022-4	2	2	1	301	180	60	0,67

INJECTOR PERFORMANCE TABLE

P in (bar)	P out (bar)	3/4"		1"		1 1/2"		2"	
		Aspiration Flow (l/h)							
0,5	0	9	400	41	480	54	655	146	1000
0,75	0	11	440	47	500	70	900	174	1075
1	0	13	420	50	514	81	1029	204	1200
	0,25	13	420	50	514	73	1029	202	1200
	0,5	13	360	47	480	73	800	200	1040
1,5	0	15	400	57	514	94	1029	238	1200
	0,5	15	400	57	514	94	1029	236	1075
	0,75	15	300	53	480	90	900	242	1075
	1	15	103	53	340	85	655	213	889
2	0	18	380	64	514	105	1029	268	1200
	0,5	18	380	64	514	105	1029	268	1200
	0,75	18	380	64	514	105	1029	268	1200
	1	18	200	64	514	105	1029	268	1040
	1,25	18	100	61	400	105	800	255	1000
	1,5			60	120		232	238	
2,5	0	20	360	70	500	116	1029	285	1200
	0,5	20	360	70	500	116	1029	285	1200
	0,75	20	360	70	500	116	1029	285	1200
	1	20	360	70	500	116	1029	285	1200
	1,25	20	360	69	480	116	1029	281	1200
	1,5	20	200	69	480	112	900	281	1040
	1,75			66	343	109	800	272	527
	2			65	120				
3	0	21	330	75	500	126	1029	319	1200
	1	21	330	75	500	126	1029	315	1200
	1,25	21	330	75	450	126	1029	315	1200
	1,5	21	330	75	450	126	1029	315	1125
	1,75	21	330	75	450	125	800	306	1125
	2	21	200	75	400	119	655	302	1000
	2,25			73	200	117	277	293	889
	2,5							527	
3,5	0	22	300	81	480	135	1029	344	1200
	1	22	300	81	480	135	1029	344	1200
	1,5	22	300	81	480	135	1029	344	1200
	1,75	22	300	81	480	135	1029	344	1200
	2	22	300	81	480	135	1029	340	1200
	2,25	22	240	79	400	130	800	332	1125
	2,5	22	100	79	340	128	655	319	889
	2,75			78	200	125			
4	0	24	280	85	480	143	1029	366	1200
	1	24	280	85	480	143	1029	366	1200
	2	24	280	85	480	143	1029	357	1200
	2,25	24	280	85	480	141	1029	357	1200
	2,5	24	240	85	480	140	1029	357	1200
	2,75	24	180	85	400	138	655	349	1125
	3	24	100	83	300	135	277	340	527
	3,25			81	120				

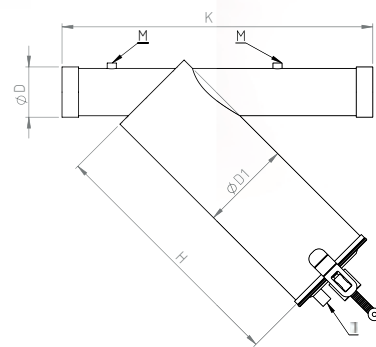
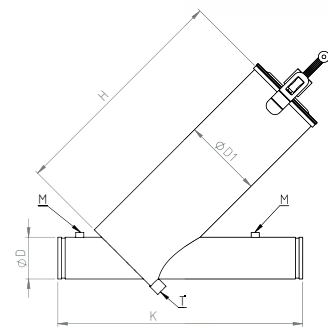




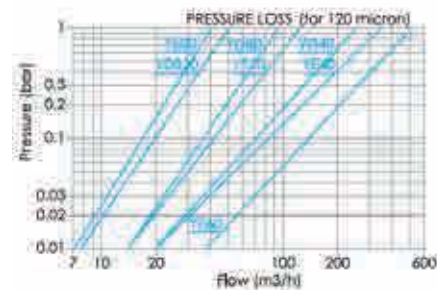
MODELS

ANGULAR METAL FILTERS (SCREEN DISC) FILTERS YE,YD
HORIZONTAL METAL FILTERS (DISC SCREEN) FILTERS LD, LE
METAL HYDROCYCLONE
METAL FERTILIZER TANKS
METAL SAND MEDIA (GRAVEL) FILTERS

ANGULAR METAL FILTERS (SCREEN DISC) FILTERS YE,YD



Code	D	D1	M	T	K	H	FLOW	WEIGHT
	inch				mm		m³/h	Kg
YE20	2	6	¼	½	515	240	30	12
YE25	2½	6	¼	½	570	360	35	14,6
YE30	3	6	¼	½	570	480	45	18
YE40	4	8	¼	½	670	605	75	28
YE50	5	10	¼	1	900	700	140	51
YE60	6	10	¼	1	1100	1000	180	88
YE80	8	12	¼	1	1200	1200	280	115
YDS20	2	6	¼	½	520	400	30	16
YD25	2½	8	¼	¾	590	400	35	20
YD30	3	8	¼	¾	590	515	45	24
YD40	4	8	¼	¾	670	625	70	29



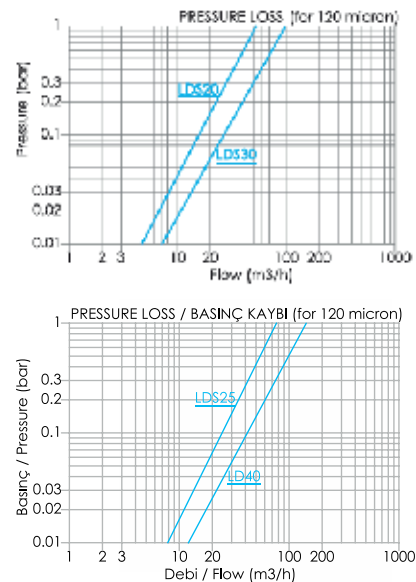
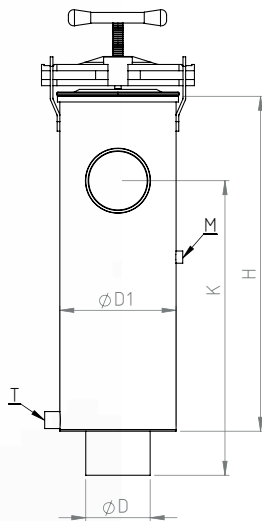
General Characteristics

BODY MATERIAL : ST- 37
CARTRIDGE MATERIAL: PP (disc) PA (screen AISI 304 cage PA)
MAXIMUM WORKIG PRESSURE : 8 BAR (116 PSI)
MAXIMUM WORKING TEMPERATURE:60 C/ 140 F

THE FILTRATION DEGREE: 20-50-100-125 micron
CARTRIDGE OF FILTERS: D: disc cartridge E:screen cartridge
PAINTING METHOD: Electrostratic Powder Cotaing
PAINTING METARIAL : Epoxy Polyester



HORIZONTAL METAL FILTERS (DISC) FILTERS LD

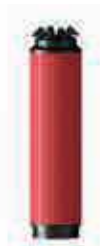


Code	D	D1	M	T	K	H	FLOW	WEIGHT
	inch				mm		m³/h	Kg
LDS20	2	6	¼	½	320	400	30	15
LDS25	2½	8	¼	¾	320	400	35	19
LDS30	3	8	¼	¾	455	515	45	22
LD40	4	8	¼	¾	555	625	70	27

General Characteristics

BODY MATERIAL : ST- 37
CARTRIDGE MATERIAL: PP (disc)
MAXIMUM WORKIG PRESSURE : 8 BAR (116 PSI)
MAXIMUM WORKING TEMPERATURE:60 C/ 140 F

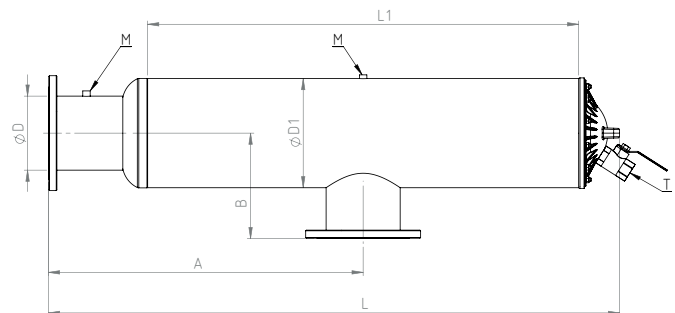
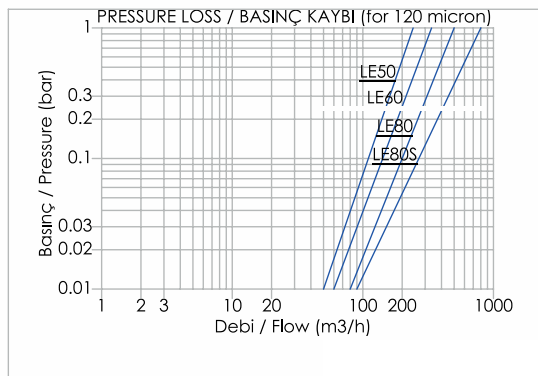
THE FILTRATION DEGREE: 20-50-100-125 micron
CARTRIDGE OF FILTERS: D: disc cartridge
PAINTING METHOD: Electrostratic Powder Cotaing
PAINTING METARIAL : Epoxy Polyester



HORIZONTAL METAL FILTERS (SCREEN) FILTERS LE



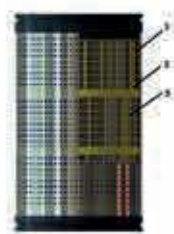
Code	D	D1	M	T	A	B	L	L1	FLOW	WEIGHT
	inch				mm				m³/h	Kg
LE50	5	10	¼	1	610	287	1055	640	140	46
LE60	6	10	¼	1	710	287	1255	840	180	58
LE80	8	10	¼	1	810	287	1455	1040	280	70
LE80S	8	12	¼	1	930	312	1690	1275	340	88



General Characteristics

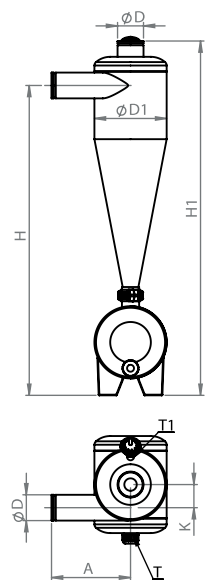
BODY MATERIAL : ST- 37
 CARTRIDGE MATERIAL: PA (screen AISI 304 cage PA)
 MAXIMUM WORKING PRESSURE : 8 BAR (116 PSI)
 MAXIMUM WORKING TEMPERATURE:60 C/ 140 F

THE FILTRATION DEGREE: 20-50-100-125 micron
 CARTRIDGE OF FILTERS:
 E:screen cartridge
 PAINTING METHOD: Electrostatic Powder Coating
 PAINTING MATERIAL : Epoxy Polyester



- 1.Protector coarse Screen AISI304L
2. Molded plastic rib (PA6)
3. The main filtering Screen

METAL HYDROCYCLONE



Code	D	D1	T	T1	K	A	H	H1	FLOW	WEIGHT
	inch				mm				m³/h	Kg
2020	2	11	¾	½	110	250	1275	1450	20	27
2025	2½	11	1	½	102	300	1335	1530	30	33
2030	3	11	1	½	95	300	1330	1530	40	35
2040	4	11	1	½	82,5	300	1320	1530	60	38
2040S	4	13	2	¾	102,5	350	1365	1570	80	42
2050	5	15	2	1	120	400	1520	1745	120-140	65
2060	6	18	2	1	142,5	450	1750	2035	160-200	92

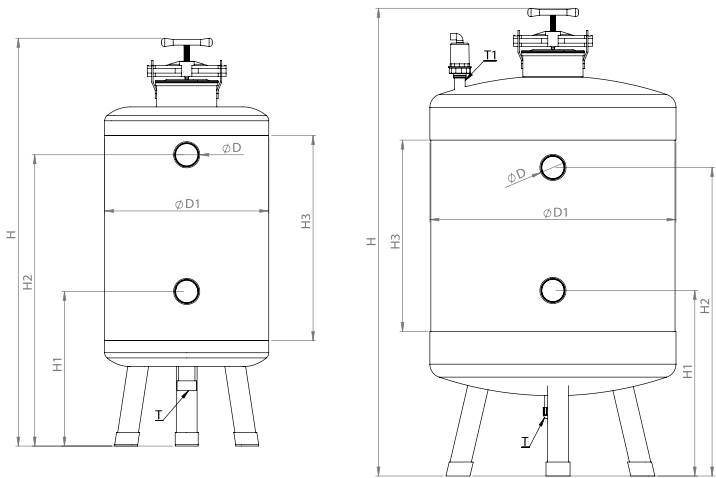
General Characteristics

BODY MATERIAL : ST- 37
MAXIMUM WORKIG PRESSURE : 8 BAR (116 PSI)
MAXIMUM WORKING TEMPERATURE:60 C/ 140 F
PAINTING METHOD: Electrostratic Powder Cotaing
PAINTING METARIAL : Epoxy Polyester

METAL SAND MEDIA (GRAVEL) FILTERS

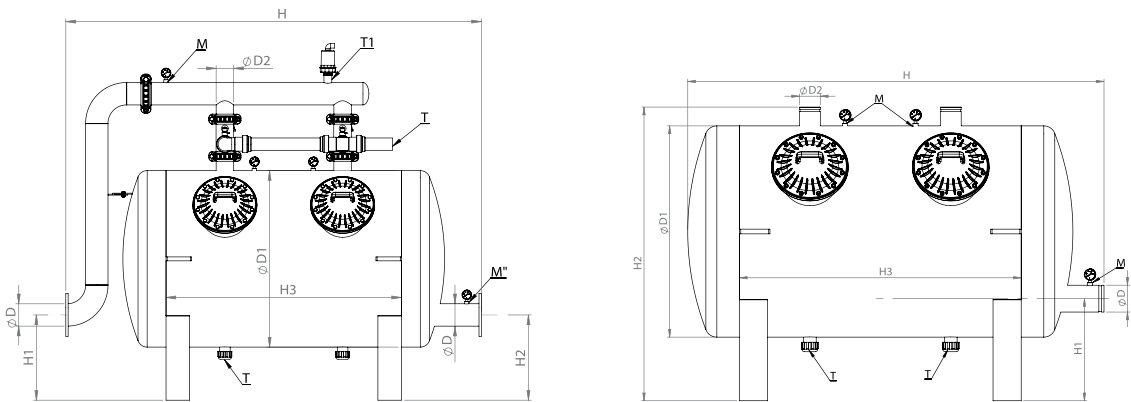


Code	D	D1	T	T1	H	H1	H2	H3	Flow	Max. pressure	Sand Capacity	Weight
	inch				mm				m³/h	bar	kg	kg
3020	2	18	¾		1250	400	900	700	15	8	150	52
3025	2½	24	2		1450	560	1060	750	20	8	300	77
3030	3	24	2		1450	560	1060	750	24	8	300	82
3040	4	24	2		1700	560	1260	1000	28	8	350	94
3050	3	32	2	1	1500	610	1090	700	45	8	350	130
3060	3	36	2	1	1550	620	1100	700	50	8	450	155
3070	4	36	2	1	1550	650	1100	700	55	8	450	165
3080	4	48	2	1	1650	720	1170	700	80	8	700	270



3090 GRAVEL TANK (SAND MEDIA FILTERS)

Code	D	D1	D2	M	T	T1	H	H1	H2	H3	Flow	Max. pressure	Sand Capacity	Weight
	inch						mm				m³/h	bar	kg	kg
3090	4	36	3	¼	2	-	1800	410	1250	1200	70-90	8	800	285
3090B	4	36	3	¼	2	1	2120	410	410	1200	70-90	8	800	320
3090S	4	36	3	¼	2	1	2780	410	410	1200	70-90	8	800	340
3090SM	4	36	3	¼	2	1	3000	410	410	1200	70-90	8	800	360



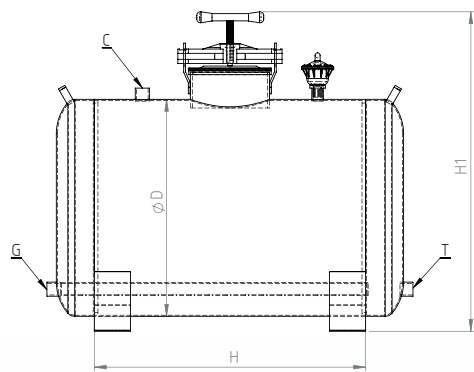
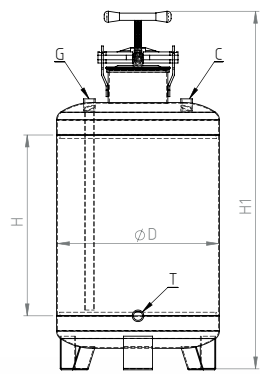
METAL FERTILIZER TANKS



Code	D	G	C	T	H	H1	CAPACITY	WEIGHT
	inch				mm		m³/h	Kg
1060V	15	1/2	1/2	1/2	330	790	60	20
1100V	18	3/4	3/4	3/4	500	960	100	30
1200V	24	1	1	1	600	1060	200	56
1100H	18	3/4	3/4	3/4	500	740	100	33
1200H	24	1	1	1	600	860	200	59
1300H	24	1	1	1	750	860	300	66
1350H	24	1	1	1	1000	860	350	82
1500H	24	1	1	1	1500	860	500	108

General Characteristics

- BODY MATERIAL : ST- 37
- MAXIMUM WORKIG PRESSURE : 8 BAR (116 PSI)
- MAXIMUM WORKING TEMPERATURE:60 C/ 140 F
- PAINTING METHOD: Electrostratic Powder Cotaing
- PAINTING METARIAL : Epoxy Polyester





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