



HighSight

water saving irrigation solution provider!



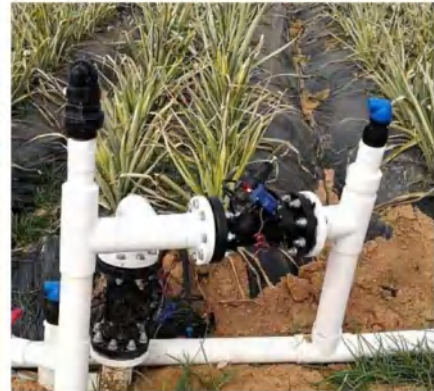
HighSight(taizhou) Plastic co.,Ltd.

Whole Heart Service

Ensure Service Quality And Meet Your Needs



Project Case





THE FILTRATION GRADE

Disc filter colorful & thin polypropylene discs with multiple filtration grades and provide various filters with flow rates & grade (20~400 micron) to satisfy different application needs.



400
400 micron
(40 mesh)

200
200 micron
(80 mesh)

130
130 micron
(120 mesh)

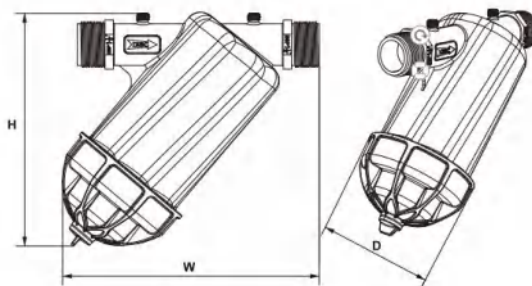
100
100 micron
(150 mesh)

50
50 micron
(200 mesh)

20
20 micron
(300 mesh)

Y TYPE DISC FILTERS

Applied to low flow rate water filtering for household agriculture irrigation, municipal garden irrigation.



Dimension

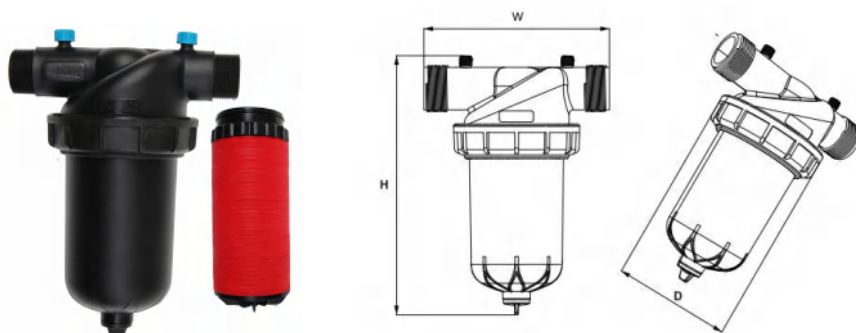
Model	H(mm)	W(mm)	D(mm)
25YD	173	176	93
25YD-N	173	192	83
32YD	173	176	93
32YD-N	173	192	83
40YD	230	250	120
50YD	230	250	120
63YD	260	290	140
75YD	330	360	168
90YD	330	360	168

MODEL	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m3/h)	WORKING PRESSURE (bar)	FILTERING SURFACE (CM ²)	WEIGHTS (kg)
25YD	3/4"	120	5	8	180	0.39
25YD-N	3/4"	120	5	8	195	0.35
32YD	1"	120	6	8	180	0.39
32YD-N	1"	120	6	8	195	0.35
40YD	1-1/4"	40/80/120/150	10	8	300	0.96
50YD	1-1/2"	40/80/120/150	14	8	300	0.96
63YD	2"	40/80/120/150	25	8	525	1.36
75YD	2-1/2"	40/80/120	30	8	600	2.6
90YD	3"	40/80/120	35	8	600	2.7



TX TYPE DISC FILTERS

Applied to low flow rate water filter-ing for household, agriculture irriga-tion, municipal garden irrigation.



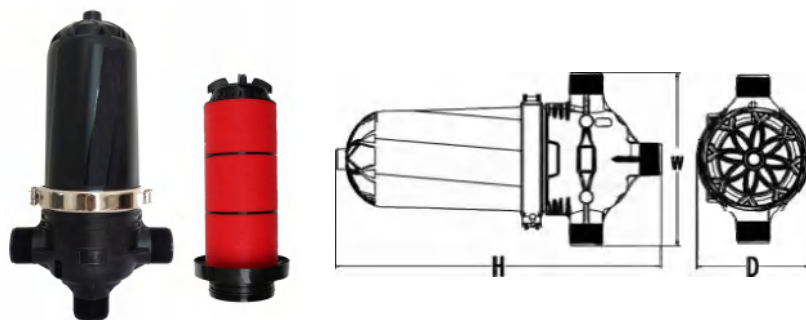
Dimension

Model	H(mm)	W(mm)	D(mm)
40TD	280	205	139
50TD	280	205	139
63TD	280	205	139

MODEL	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m3/h)	WORKING PRESSURE (bar)	FILTERING SURFACE (CM ²)	WEIGHTS (kg)
40TD	1-1/4"	40/80/120/150	10	8	300	1.01
50TD	1-1/2"	40/80/120/150	14	8	300	1.01
63TD	2"	40/80/120/150	20	8	300	1.01

T TYPE DISC FILTERS

Applied to medium fow rate waterfiltering for landscape irrigation, agri-culture irrigation, municipal garden irrigation.



Dimension

Model	H(mm)	W(mm)	D(mm)
63TD	620	320	220
60TD-L	740	320	220
75TD	630	320	220
75TD-L	750	320	220
90TD-X	630	320	220
90TD	750	320	220

MODEL	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m3/h)	WORKING PRESSURE (bar)	FILTERING SURFACE (CM ²)	WEIGHTS (kg)
63TD	2"	40/80/120/150/200/300	30	10	1200	6.2
60TD-L	2"	40/80/120/150/200/300	30	10	1700	8.2
75TD	2-1/2"	40/80/120/150/200/300	40	10	1200	6.4
75TD-L	2-1/2"	40/80/120/150/200/300	40	10	1700	8.3
90TD-X	3"	40/80/120/150/200/300	50	10	1200	6.5
90TD	3"	40/80/120/150/200/300	50	10	1700	8.3



H TYPE DISC FILTERS

Applied to large flow rate water filtering for landscape irrigation, agriculture irrigation, municipal garden irrigation.



Dimension

Model	H(mm)	W(mm)	D(mm)
90HD	940	335	220
90HD-L	1200	335	220
110HD	960	340	220
110HD-L	1220	340	220

MODEL	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m ³ /h)	WORKING PRESSURE (bar)	FILTERING SURFACE (CM ²)	WEIGHTS (kg)
90HD	3"	40/80/120/150/200/300	50	10	2400	10.9
90HD-L	3"	40/80/120/150/200/300	60	10	3400	13.1
110HD	4"	40/80/120/150/200/300	70	10	2400	11.3
110HD-L	4"	40/80/120/150/200/300	100	10	3400	13.5

AUTOMATIC DISC FILTERS



Dimension

Model	H(mm)	W(mm)	D(mm)
63TDZ	620	320	220
60TDZ-L	740	320	220
90TDZ	750	340	220
90HDZ	975		220
90HDZ-L	1200	340	220
110HDZ	980	340	220
110HDZ-L	1220	340	220

MODEL	CONNECTION SBSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m ³ /h)	WORKING PRESSURE (bar)	BACKWASH PRESSURE (bar)	FILTERING SURFACE (CM ²)	WEIGHTS (kg)
63TDZ	2"	40/80/120/150/200/300	25	10	1.5	1020	7.9
60TDZ-L	2"	40/80/120/150/200/300	30	10	1.8	1492	9.3
90TDZ	3"	40/80/120/150/200/300	32	10	1.8	1492	9.4
90HDZ	3"	40/80/120/150/200/300	50	10	2.0	2040	13.7
90HDZ-L	3"	40/80/120/150/200/300	55	10	2.0	2984	15.1
110HDZ	4"	40/80/120/150/200/300	50	10	2.0	2040	13.7
110HDZ-L	4"	40/80/120/150/200/300	64	10	2.0	2984	15.6



AGL DISC FILTERS

Applied to medium flow rate water filtering for landscape irrigation, agriculture irrigation, municipal garden irrigation.



Dimension

Model	H(mm)	W(mm)	D(mm)
63TD-AGL	480	292	233
63TD-L-AGL	630	292	233
90TD-X-AGL	528	355	233
90TD-AGL	678	355	233
90HD-AGL	800	360	233
90HDL-AGL	1100	360	233

MODEL	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m ³ /h)	WORKING PRESSURE (bar)	FILTERING SURFACE (CM ²)	WEIGHTS (kg)
63TD-AGL	2"	40/80/120/150/200/300	30	10	1050	3.6
63TD-L-AGL	2"	40/80/120/150/200/300	30	10	1660	4.8
90TD-X-AGL	3"	40/80/120/150/200/300	40	10	1050	4
90TD-AGL	3"	40/80/120/150/200/300	50	10	1660	5.3
90HD-AGL	3"	40/80/120/150/200/300	55	10	2100	7
90HDL-AGL	3"	40/80/120/150/200/300	60	10	3320	9.5

SCREEN FILTER

The customer could choose the different filtering element according to the water quality and required filtration grade. The filtration grade is distinguished by different colors as below.



MINIMUM FLOW CLEANING HIGH EFFICIENCY

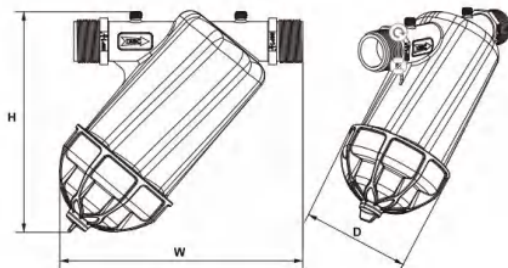
- ✓ Effective cleaning in all the cartridge
- ✓ Effective suction without touching the screen, avoiding problems of torn
- ✓ Minimum pressure 1.6 bar only
- ✓ Sealing scanner
- ✓ Reduces spending on cleaning
- ✓ system protection: long life





Y TYPE SCREEN FILTERS

Applied to low flow rate water filtering for house-hold, agriculture irrigation, municipal garden irrigation.



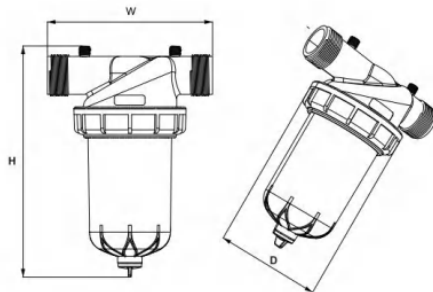
Dimension

Model	H(mm)	W(mm)	D(mm)
25YS	173	176	93
25YS-N	173	192	83
32YS	173	176	93
32YS-N	173	192	83
40YS	230	250	120
50YS	230	250	120
63YS	260	290	140
75YS	330	360	168
90YS	330	360	168

MODEL	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m ³ /h)	WORKING PRESSURE (bar)	FILTERING SURFACE (CM ²)	WEIGHTS (kg)
25YS	3/4"	80/120	5	8	160	0.30
25YS-N	3/4"	120	5	8	190	0.25
32YS	1"	80/120	6	8	160	0.30
32YS-N	1"	120	6	8	190	0.25
40YS	1-1/4"	80/120	10	8	265	0.71
50YS	1-1/2"	80/120	14	8	265	0.72
63YS	2"	80/120	25	8	485	0.98
75YS	2-1/2"	80/120	30	8	565	2.03
90YS	3"	80/120	35	8	565	2.10

TX TYPE SCREEN FILTERS

Applied to low flow rate water filtering for household, agriculture irrigation, municipal garden and landscape irrigation.



Dimension

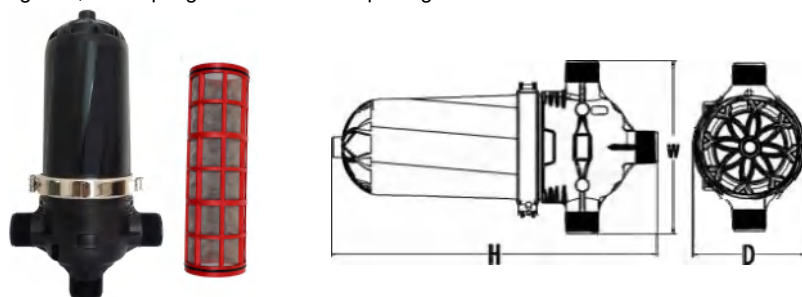
Model	H(mm)	W(mm)	D(mm)
40TS	280	205	139
50TS	280	205	139
63TS	280	205	139

MODEL	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m ³ /h)	WORKING PRESSURE (bar)	FILTERING SURFACE (CM ²)	WEIGHTS (kg)
40TS	1-1/4"	80/120	10	8	265	0.81
50TS	1-1/2"	80/120	14	8	265	0.83
63TS	2"	80/120	20	8	265	0.85



T TYPE SCREEN FILTERS

Applied to medium flow rate water filtering for landscape irrigation, agriculture irrigation, municipal garden and landscape irrigation.



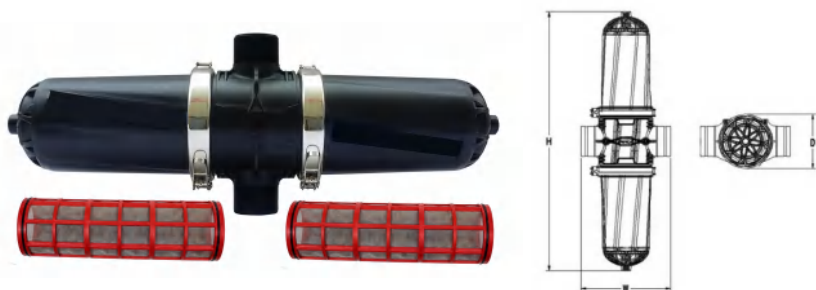
Dimension

Model	H(mm)	W(mm)	D(mm)
63TS	620	320	220
60TS-L	740	320	220
75TS	630	320	220
75TS-L	750	320	220
90TS-X	630	320	220
90TS	750	320	220

MODEL	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m ³ /h)	WORKING PRESSURE (bar)	FILTERING SURFACE (CM ²)	WEIGHTS (kg)
63TS	2"	40/80/120/150/200/300	30	10	1200	4.8
60TS-L	2"	40/80/120/150/200/300	30	10	1700	5.3
75TS	2-1/2"	40/80/120/150/200/300	40	10	1200	4.9
75TS-L	2-1/2"	40/80/120/150/200/300	40	10	1700	5.5
90TS-X	3"	40/80/120/150/200/300	50	10	1200	5.1
90TS	3"	40/80/120/150/200/300	50	10	1700	5.8

H TYPE SCREEN FILTERS

Applied to large flow rate water filter-ing for landscape irrigation, agriculture irrigation, municipal garden irrigation.



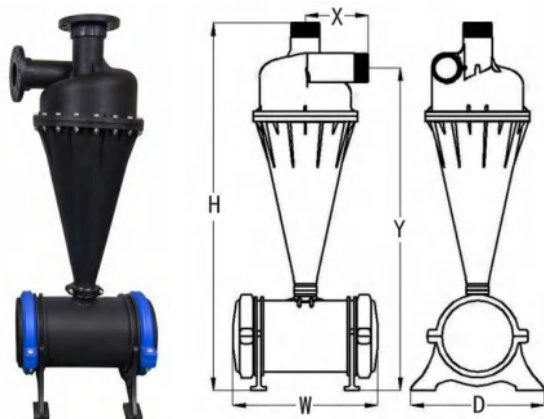
Dimension

Model	H(mm)	W(mm)	D(mm)
90HS	940	335	220
90HS-L	1200	335	220
110HS	960	340	220
110HS-L	1220	340	220

MODEL	CONNECTIONS BSP/NPT	FILTRATION GRADES (mesh)	MAX FLOW (m ³ /h)	WORKING PRESSURE (bar)	FILTERING SURFACE (CM ²)	WEIGHTS (kg)
90HS	3"	80/120	50	10	1630	7.8
90HS-L	3"	80/120	60	10	2174	9.2
110HS	4"	80/120	70	10	1630	8.2
110HS-L	4"	80/120	100	10	2174	9.6



CENTRIFUGAL FILTER



Well Water Filtration: The filter can quickly filtering the sand and gravels when the water is drawn from deep well by the pump at the beginning.

Irrigation System: If water source comes from rivers and lakes, it is necessary to firstly use centrifugal filter to shake out the sand and gravels as a first-stage filtration process.

Industrial Filtration: For the recycled water, the centrifugal filter operates as primary filtration, works with disc filter or screen filter for more exquisite filtration.

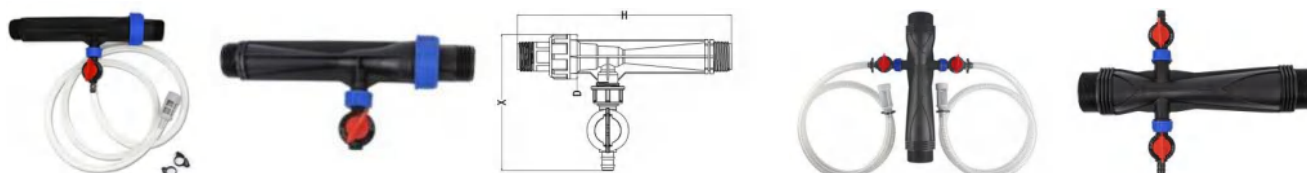
Dimension

Model	H(mm)	W(mm)	D(mm)	X(mm)	Y(mm)
63LX	1100	490	430	180	963
90LX	1220	490	430	205	1070
110LX	1220	490	430	205	1070

MODEL	CONNECTIONS BSP/NPT	TANK CAPACITY (L)	MAX FLOW (m ³ /h)	WORKING PRESSURE (bar)	WEIGHTS (kg)
63LX	2"	16	30	8	13
90LX	3"	16	50	8	17.5
110LX	4"	16	100	8	18

VENTURI INJECTOR

It is very efficient for small and medium-sized irrigation areas to apply water and fertilizer.



HSR-3313

HSR-3314

MODEL	CONNECTIONS BSP/NPT	MAX FLOW (m ³ /h)	TANK CAPACITY (L/H)	MAX PRESSURE (bar)	WEIGHTS (kg)	H(mm)	X(mm)	D(mm)
HSR-3313	1"	9	300	10	0.14	240	74	49
HSR-3313	1-1/2"	16	780	10	0.31	330	95	65
HSR-3313	2"	20	1200	10	0.55	420	98	80
HSR-3313-N	2"	25	1300	10	0.27	350	180	68
HSR-3314	3"	35	2200	10	1.25	490	352	100



HSR-3100
1" Relief Valve



HSR-3110
3/4" 1" Air Valve



HSR-3109
3/4" 1" Air Valve



HSR-3107
1" 2" Air Valve



HSR-3108
3/4" 1" Air Valve



HighSight Plastic co.,ltd.

www.hsirrigation.com

Add whatsapp



Elaine

 **Whatsapp** +86 13857676628

 **Wechat** +86 15990650166

 elaine@chinahightsight.com

Add whatsapp



Breanna

 **Whatsapp** +86 13738551897

 **Wechat** +86 13738551897

 breanna@chinahightsight.com