HORIZONTAL FILTER



Maximum Working Pressure
250kpa/36psi(2.5bar)
400kpa/58psi(4.0bar)

Factory Testing Pressure
400kpa/58psi(4.0bar)
600kpa/86psi(6.0bar)

Maximum Temperature
50°C(122°F)

Size of Gravel
1mm~2mm(gravel)
0.5mm~0.8mm(sand)



Product Features

- It is made of multiple layers of anti-corrosion materials. The outer layer is made of CNC multi-axis fiberglass.
  The internal pipitng system is uniform and reasonable structure.
- Strong fiberglass base can suppor the big filter body.
- 100% pressure testing before packing.
- Exclusive features for superior performance.
- Offering attractive and reasonable performance.

Diameter:3000mm

Model	Filter Diameter (mm)	Filter Height (mm)	Flow rate ($m^3/h/m^2$)	Inlet & outlet		Design Flow (m^3/h)	Filter Area (m^2)	Sand Weight 0.5-0.8mm(kg)	Gravel Weight 1-2mm(kg)
				de(mm)	inch				
HL305000	3000	3230	20	200	8″	265	13.24	26300	6875
			30	250	10″	397			
			40	315	12″	530			
HL306000	3000	3230	20	250	10″	322	16.08	31920	8450
			30	315	12″	482			
			40	315	12″	643			
HL307000	3000	3230	20	250	10″	378	18.92	37545	10025
			30	315	12″	568			
			40	315	12″	756			
HL308000	3000	3230	20	315	12″	435	21.76	43170	11600
			30	315	12″	653			
			40	355	14″	870			

Diameter:2500mm

Model	Filter Diameter (mm)	Filter Height (mm)	Flow rate ($m^3/h/m^2$)	Inlet & outlet		Design Flow (m^3/h)	Filter Area (m^2)	Sand Weight 0.5-0.8mm(kg)	Gravel Weight 1-2mm(kg)
				de(mm)	inch				
HL254000	2500	2710	20	200	8″	172	8.62	13500	3725
			30	200	8″	258			
			40	250	10″	345			
HL254500	2500	2710	20	200	8″	196	9.80	15350	4300
			30	250	10″	294			
			40	250	10″	392			
HL255000	2500	2710	20	200	8″	220	10.98	17200	4850
			30	250	10″	329			
			40	315	12″	439			
HL256000	2500	2710	20	200	8″	267	13.34	20900	5975
			30	250	10″	400			
			40	315	12″	533			
HL257000	2500	2710	20	250	10″	314	15.70	24600	7100
			30	315	12″	471			
			40	315	12″	628			

Diameter:2350mm

Model	Filter Diameter (mm)	Filter Height (mm)	Flow rate ($m^3/h/m^2$)	Inlet & outlet		Design Flow (m^3/h)	Filter Area (m^2)	Sand Weight 0.5-0.8mm(kg)	Gravel Weight 1-2mm(kg)
				de(mm)	inch				
HL234000	2350	2560	20	200	8″	163	8.17	12800	3650
			30	200	8″	245			
			40	250	10″	327			
HL234500	2350	2560	20	200	8″	186	9.28	14525	4200
			30	250	10″	279			
			40	250	10″	371			
HL235000	2350	2560	20	200	8″	208	10.40	16250	4750
			30	250	10″	312			
			40	250	10″	416			
HL236000	2350	2560	20	200	8″	253	12.63	19700	5850
			30	250	10″	379			
			40	315	12″	505			
HL237000	2350	2560	20	250	10″	297	14.86	23150	6950
			30	315	12″	446			
			40	315	12″	594			

Diameter:2000mm

Model	Filter Diameter (mm)	Filter Height (mm)	Flow rate ($m^3/h/m^2$)	Inlet & outlet		Design Flow (m^3/h)	Filter Area (m^2)	Sand Weight 0.5-0.8mm(kg)	Gravel Weight 1-2mm(kg)
				de(mm)	inch				
HL202500	2000	2220	20	160	6″	87	4.34	6000	1050
			30	160	6″	130			
			40	200	8″	174			
HL203000	2000	2220	20	160	6″	106	5.30	7450	1300
			30	160	6″	159			
			40	200	8″	212			
HL203500	2000	2220	20	160	6″	125	6.25	8900	1550
			30	200	8″	187			
			40	200	8″	250			
HL204000	2000	2220	20	160	6″	144	7.21	10350	1800
			30	200	8″	216			
			40	250	10″	288			
HL204500	2000	2220	20	200	8″	163	8.16	11800	2080
			30	200	8″	245			
			40	250	10″	326			

Diameter:1800mm

Model	Filter Diameter (mm)	Filter Height (mm)	Flow rate ($m^3/h/m^2$)	Inlet & outlet		Design Flow (m^3/h)	Filter Area (m^2)	Sand Weight 0.5-0.8mm(kg)	Gravel Weight 1-2mm(kg)
				de(mm)	inch				
HL182500	1800	2050	20	160	6″	75	3.74	4850	980
			30	160	6″	112			
			40	160	6″	150			
HL183000	1800	2050	20	160	6″	92	4.58	5930	1230
			30	160	6″	137			
			40	200	8″	183			
HL183500	1800	2050	20	160	6″	108	5.41	7000	1480
			30	200	8″	162			
			40	200	8″	216			
HL184000	1800	2050	20	160	6″	125	6.25	8080	1700
			30	200	8″	187			
			40	250	10″	250			

Diameter:1600mm

Model	Filter Diameter (mm)	Filter Height (mm)	Flow rate ($m^3/h/m^2$)	Inlet & outlet		Design Flow (m^3/h)	Filter Area (m^2)	Sand Weight 0.5-0.8mm(kg)	Gravel Weight 1-2mm(kg)
				de(mm)	inch				
HL161900	1600	1830	20	110	4″	49	2.47	2800	600
			30	160	6″	74			
			40	160	6″	99			
HL162500	1600	1830	20	110	4″	67	3.36	3800	850
			30	160	6″	101			
			40	160	6″	134			
HL163000	1600	1830	20	160	6″	82	4.10	4700	1050
			30	160	6″	123			
			40	200	8″	164			

Diameter:1400mm

Model	Filter Diameter (mm)	Filter Height (mm)	Flow rate ($m^3/h/m^2$)	Inlet & outlet		Design Flow (m^3/h)	Filter Area (m^2)	Sand Weight 0.5-0.8mm(kg)	Gravel Weight 1-2mm(kg)
				de(mm)	inch				
HL141900	1400	1600	20	110	4″	45	2.23	2000	580
			30	110	4″	67			
			40	160	6″	89			
HL142500	1400	1600	20	110	4″	60	3.02	2750	800
			30	160	6″	91			
			40	160	6″	121			
HL143000	1400	1600	20	160	6″	73	3.67	3375	1000
			30	160	6″	110			
			40	160	6″	147			

Diameter:1200mm

Model	Filter Diameter (mm)	Filter Height (mm)	Flow rate ($m^3/h/m^2$)	Inlet & outlet		Design Flow (m^3/h)	Filter Area (m^2)	Sand Weight 0.5-0.8mm(kg)	Gravel Weight 1-2mm(kg)
				de(mm)	inch				
HL121900	1200	1390	20	90	3″	39	1.96	1100	430
			30	110	4″	59			
			40	160	6″	79			
HL122300	1200	1390	20	110	4″	48	2.42	1430	550
			30	160	6″	73			
			40	160	6″	97			
HL122500	1200	1390	20	110	4″	53	2.65	1750	700
			30	160	6″	79			
			40	160	6″	106			
HL122700	1200	1390	20	110	4″	57	2.87	2080	830
			30	160	6″	86			
			40	160	6″	115			
HL123000	1200	1390	20	110	4″	64	3.21	2330	925
			30	160	6″	96			
			40	160	6″	129			

Product Details


Base

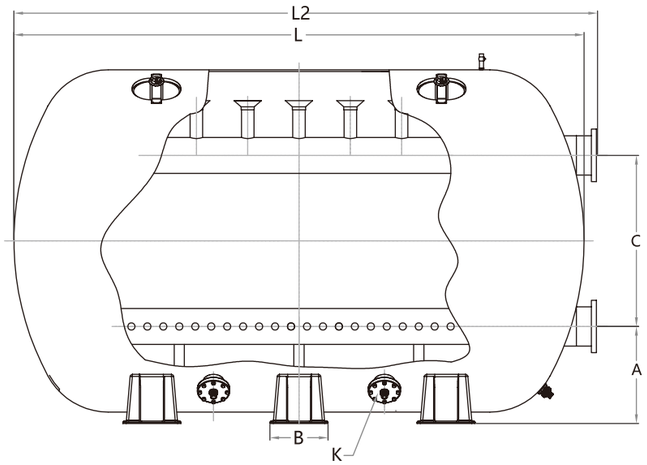

Sand Drain

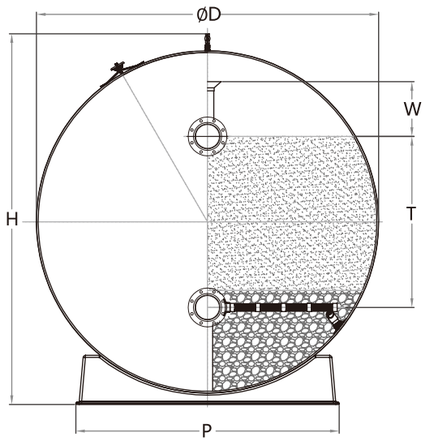

Cover Lid


Pressure Control Manometer Panel


Flange


Lateral System





Diameter:3000mm

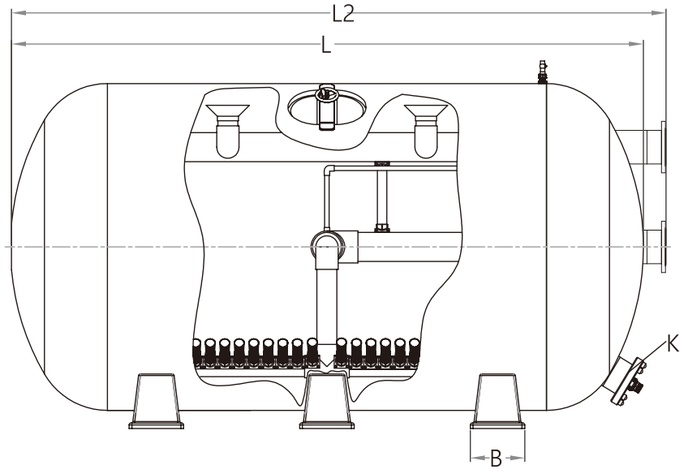
Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
HL305000	3000	3230	900	510	1500	160	2310	5000	5110	1000-1200	550
HL306000	3000	3230	900	510	1500	160	2310	6000	6110	1000-1200	550
HL307000	3000	3230	900	510	1500	160	2310	7000	7110	1000-1200	550
HL308000	3000	3230	900	510	1500	160	2310	8000	8110	1000-1200	550

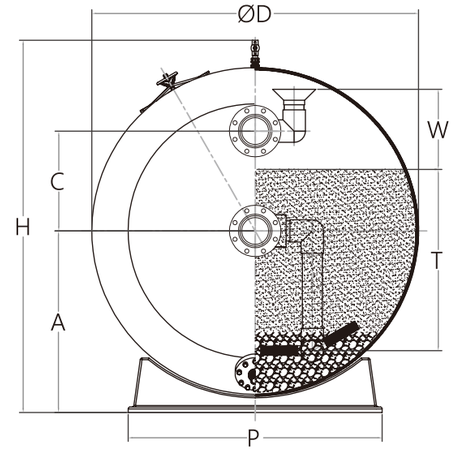
Diameter:2500mm

Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
HL254000	2500	2710	1360	450	710	160	1900	4000	4380	1000-1200	500
HL254500	2500	2710	1360	450	710	160	1900	4500	4940	1000-1200	500
HL255000	2500	2710	1360	450	710	160	1900	5000	5440	1000-1200	500
HL256000	2500	2710	625	450	1400	160	1900	6000	6110	1000-1200	500
HL257000	2500	2710	625	450	1400	160	1900	7000	7110	1000-1200	500

Diameter:2350mm

Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
HL234000	2350	2560	1270	300	710	160	1750	4000	4380	1000-1200	500
HL234500	2350	2560	1270	300	710	160	1750	4500	4880	1000-1200	500
HL235000	2350	2560	1270	300	710	160	1750	5000	5440	1000-1200	500
HL236000	2350	2560	720	300	1350	160	1750	6000	6110	1000-1200	500
HL237000	2350	2560	720	300	1350	160	1750	7000	7110	1000-1200	500





Diameter:2000mm

Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
HL202500	2000	2220	1090	330	550	160	1490	2500	2730	1100	400
HL203000	2000	2220	1090	330	550	160	1490	3000	3230	1100	400
HL203500	2000	2220	1090	330	550	160	1490	3500	3730	1100	400
HL204000	2000	2220	1090	330	550	160	1490	4000	4230	1100	400
HL204500	2000	2220	1090	330	550	160	1490	4500	4730	1100	400

Diameter:1800mm

Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
HL182500	1800	2050	1040	300	550	160	1400	2500	2700	1000	300
HL183000	1800	2050	1040	300	550	160	1400	3000	3200	1000	300
HL183500	1800	2050	1040	300	550	160	1400	3500	3700	1000	300
HL184000	1800	2050	1040	300	550	160	1400	4000	4200	1000	300

Diameter:1600mm

Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
HL161900	1600	1830	925	300	450	110	1230	1900	2100	950	250
HL162500	1600	1830	925	300	450	110	1230	2500	2700	950	250
HL163000	1600	1830	925	300	450	110	1230	3000	3200	950	250

Diameter:1400mm

Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
HL141900	1400	1600	810	300	400	110	960	1900	2050	750	225
HL142500	1400	1600	810	300	400	110	960	2500	2450	750	225
HL143000	1400	1600	810	300	400	110	960	3000	3150	750	225

Diameter:1200mm

Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
HL121900	1200	1390	725	250	340	80	900	1900	2050	550	225
HL122300	1200	1390	725	250	340	80	900	2300	2450	550	225
HL122500	1200	1390	725	250	340	80	900	2500	2650	550	225
HL122700	1200	1390	725	250	340	80	900	2700	2850	550	225
HL123000	1200	1390	725	250	340	80	900	3000	3150	550	225





Using the latest CNC multi-axis fiberglass winding technology

Provide a full range of customer service support from system design to on-site installation technical support, assist customers in the inspection and supervision before installing the equip--ment, and provide spare parts for the maintenance of sand filters.

