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SEARCH



Innovations In Green Energy
(since 1968)



PRODUCT CATALOGUE



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Pecol™

Innovations In Green Energy
(since 1968)

NST Variable Speed Pool Pump



Working Condition

- Working Temp: 5-50°C
- Ambient Temp: ≤40°C
- Max Working Pressure: 0.3Mpa

Materials

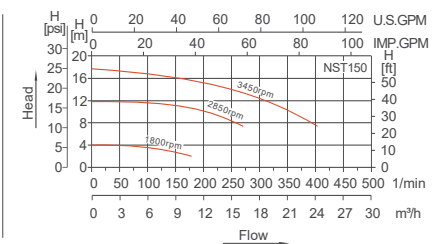
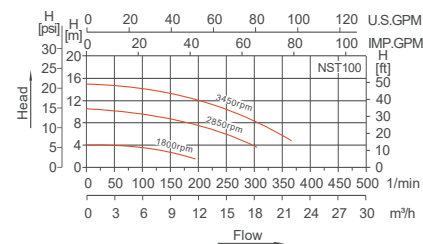
- Engineering plastics made flow passage component
- Mechanical seal material: Graphite/ Silicon Carbide
- O-ring: NBR
- Aluminium motor casing



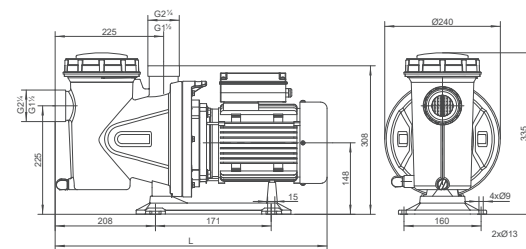
Characteristic

- Permanent magnet synchronous motor(PMSM) with advantages of light weight、small size、low energy consumption、high efficiency and small vibration.
- IP55 protection grade with integrated air duct design.Wide voltage input range and IE5 energy efficiency grade.
- The frequency conversion controller panel is a touch screen which has the advantages of simple and clear operation.
- Flexible speed adjustment and real time display the parameters in screen.
- Power supply: single-phase voltage: 220±10% with frequency: 50/60Hz.
- Modular design and easy to install and maintain.

Performance Curve



Installation Sketch



Model	L
NST100	510
NST150	530

Performance Table

Model	Output Power		Connector		Voltage	Frequency	Packing Size	GW [KG]
	[KW]	[HP]	GB	ANSI				
NST100	0.75	1	Φ50	Φ48.5	208-240	50/60	58*25*36	11
NST150	1.1	1.5	Φ50	Φ48.5	208-240	50/60	58*25*36	12

NST Variable Speed Pool Pump

Working Condition

- Working Temp: 5-50°C
- Ambient Temp: ≤40°C
- Max Working Pressure: 0.3MPa

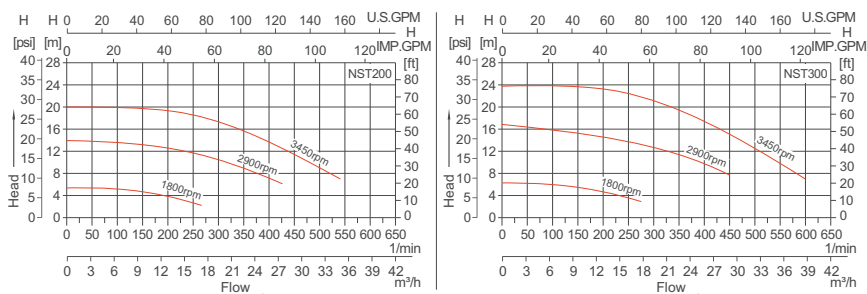
Materials

- Engineering plastics made flow passage component
- Mechanical seal material: Graphite/ Silicon Carbide
- O-ring: NBR
- Aluminium motor casing

Characteristic

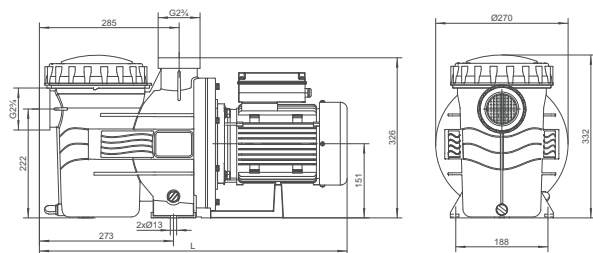
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- Flexible speed adjustment and real time display the parameters in screen.
- Power supply: single-phase voltage: 220±10% with frequency: 50/60Hz.
- Modular design and easy to install and maintain.

Performance Curve



Installation Sketch

Model	L
NST200	610
NST300	627

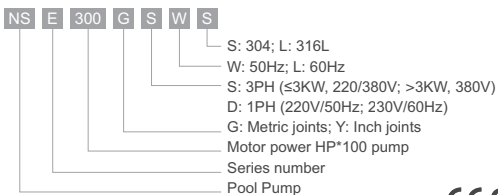


Performance Table

Model	Output Power		Connector		Voltage [V]	Frequency [Hz]	Packing Size [Size]	GW [KG]
	[KW]	[HP]	GB	ANSI				
NST200	1.5	2	Φ63	Φ60.3	208-240	50/60	68*28.5*38	16
NST300	2.2	3	Φ63	Φ60.3	208-240	50/60	68*28.5*38	17

NSE Pool Pump (50Hz)

Model Definition



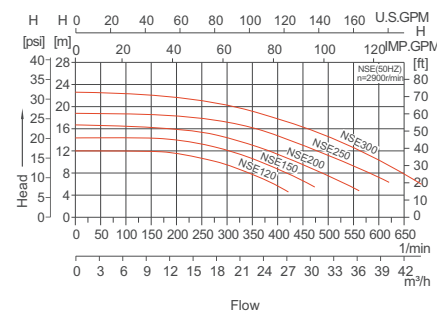
Materials

- Engineering plastics made water inlet and outlet
- Mechanical seal module material: Graphite/Silicon Carbide
- O-ring: NBR
- Aluminium motor casing

Motor

- 230/380V asynchronous two-pole motor
- Protection class: IP55
- Insulation class: F
- Continuous operation capability
- Built-in overheat protection short circuit device

Performance Curve



Performance Table

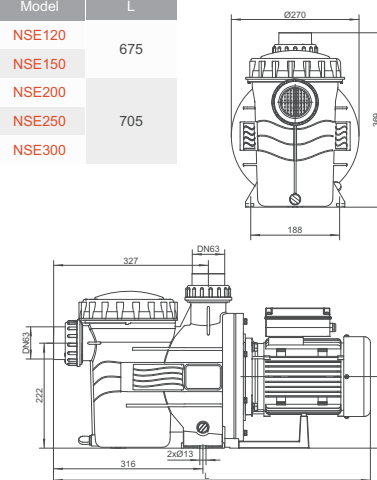
Model	Power [KW]	Max Head [m]	Max Flow [m³/h]	Packing Size L*W*H[cm]	GW [KG]	Flow Q [m³/h]	Head H[m]	5	10	15	20	25	30	35
								83	167	250	333	417	500	583
NSE120	1.1	1.5	12.0	24.0	400	68*28.5*38	19.6	12.0	11.9	10.0	7.5			
NSE150	1.5	2	14.7	27.0	450	68*28.5*38	20.6	14.2	14.2	13.1	11.0	6.5		
NSE200	1.85	2.5	17.5	32.0	533	68*28.5*38	23.5	16.6	16.1	15.3	12.5	10.2	6.0	
NSE250	2.2	3	19.0	35.0	583	68*28.5*38	24.7	18.5	18.1	17.8	16.2	13.6	9.2	5.8
NSE300	3	4	23.0	39.0	650	68*28.5*38	25.6	22.1	21.9	20.8	18.9	16.5	13.0	8.5



Working Condition

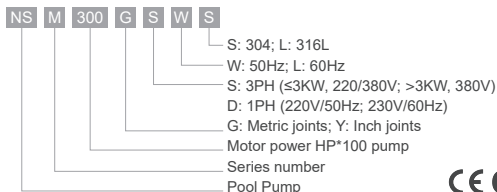
- Working Temp: 5-50°C
- Ambient temp: ≤40°C
- Working pressure: 0.3MPa

Installation Sketch



NSM Pool Pump (50Hz)

Model Definition



Materials

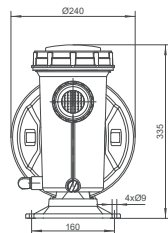
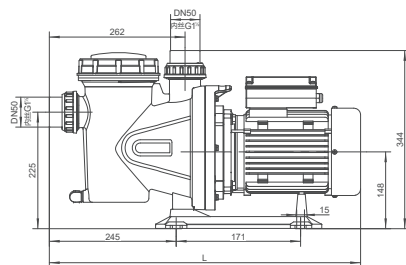
- Engineering plastics made water inlet and outlet
- Mechanical seal module material: Graphite/ Silicon Carbide
- O-ring: NBR
- Aluminium motor casing

Motor

- 230/380V asynchronous two-pole motor
- Protection class: IP55
- Insulation class: F
- Continuous operation capability
- Built-in overheat protection short circuit device

Installation Sketch

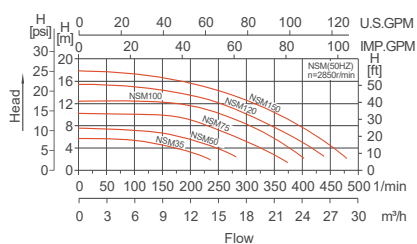
Model	L	Model	L
NSM35		NSM100	
NSM50	590	NSM120	610
NSM75		NSM150	



Working Condition

- Working Temp: 5-50°C
- Ambient temp: ≤40°C
- Working pressure: 0.3MPa
- Max Self-priming Height: 3 meters

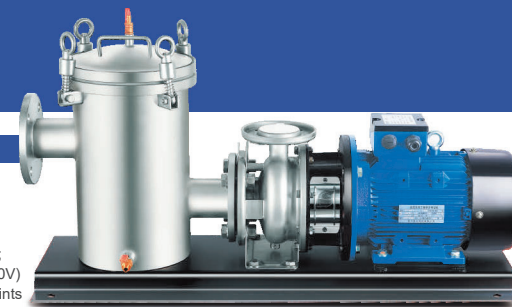
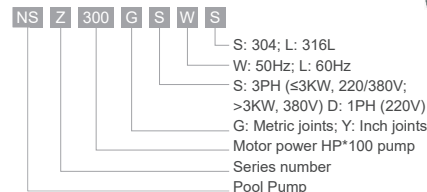
Performance Curve



Model	Power [KW]	Max Head [m]	Max Q [m³/h]	Packing Size L*W*H[cm]	GW [KG]	Flow Q	Head H[m]
	[HP]		[l/min]			[m³/h]	
						[l/min]	
NSM35	0.37	0.5	6.5	13.0	217	58*25*36	10.3
NSM50	0.55	0.75	7.8	16.0	267	58*25*36	11.1
NSM75	0.75	1	10.5	19.0	317	58*25*36	11.7
NSM100	0.9	1.2	12.5	22.0	367	58*25*36	14.1
NSM120	1.1	1.5	15.0	24.0	400	58*25*36	15.3
NSM150	1.5	2	17.5	27.0	450	58*25*36	16.5

NSZ Stainless Steel Pool Pump

Model Definition



Materials

- Stainless Steel AISI 304 made pump body, impeller, shaft and filter
- Mechanical seal material: Graphite/ Silicon Carbide
- Rubber parts: NBR

Motor

- 380V 50Hz
- Totally enclosed motor with air-cooled secondary motor
- Protection class: IP55
- Insulation class: F

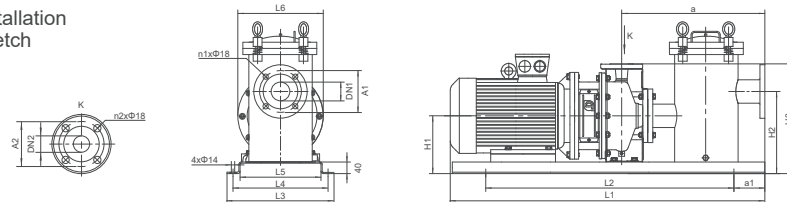
Typical Applications

- Water circulation and filtration in large swimming pools.

Characteristic

- NSZ stainless steel horizontal single pole swimming Pool Pump are made by advanced processing like stainless steel plate stamping and bulging welding technology. It can replace traditional casting pool pumps. It is high efficient, energy-saving, light corrosion resistant with beautiful appearance, light but compact structure, low noise and long durability.

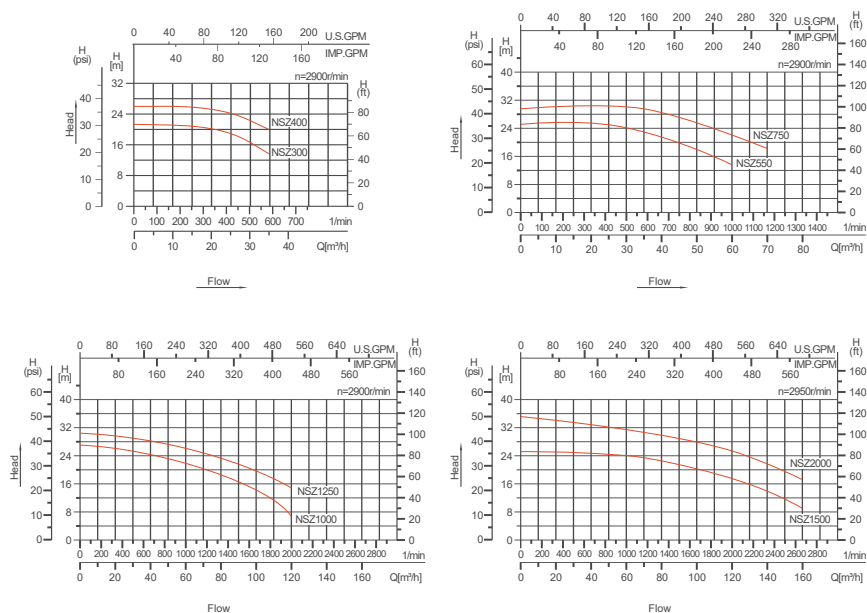
Installation Sketch



Model	Dimension[mm]															
	DN1	DN2	A1	A2	n1	n2	a	a1	H1	H2	H3	L1	L2	L3	L4	L5
NSZ300	65	40	145	110	4	4	460	35	152	272	294	882	810	280	240	192
NSZ400	65	40	145	110	4	4	460	35	152	272	294	912	840	300	260	212
NSZ550	65	50	145	125	4	4	466	41	172	292	338	950	870	330	290	242
NSZ750	65	50	145	125	4	4	480	41	200	290	380	1060	960	370	330	280
NSZ1000	80	65	160	145	8	4	535	50	200	320	380	1125	1025	370	330	280
NSZ1250	80	65	160	145	8	4	535	50	200	320	380	1125	1025	370	330	280
NSZ1500	100	80	180	160	8	8	675	50	220	370	445	1380	1280	420	380	330
NSZ2000	100	80	180	160	8	8	675	50	220	370	445	1380	1280	420	380	330

NSZ Stainless Steel Pool Pump

Performance Curve



Performance Table

Model	Power		Max Head	Max Flow		Packing Size	GW	Flow Q	Head H[m]								
	[KW]	[HP]		[m³/h]	[l/min]				L*W*H[cm]	[KG]	[m³/h]	5	10	20	30	35	50
NSZ300	2.6	3.5	21.3	35	583	88*28*50	53	Head H[m]	21.1	20.9	19.8	16.4	13.6				
NSZ400	3.5	4.8	26.1	35	583	91*30*50	65		26.1	25.8	25.3	22.4	20				
NSZ550	4.8	6.5	25.6	60	1000	95*33*51	73		25.5	25.6	25.3	23.9	22.7	18	13.6		
NSZ750	6.7	9	30.0	70	1167	106*37*54	97		29.6	29.7	30	29.7	29	25.5	25.5	18.2	

Performance Table

Model	Power		Max Head	Max Flow		Packing Size	GW	Flow Q	Head H[m]								
	[KW]	[HP]		[m³/h]	[l/min]				L*W*H[cm]	[KG]	[m³/h]	20	40	60	80	100	120
NSZ1000	8.5	11.5	27.0	120	2000	113*37*56	106	Head H[m]	333	667	1000	1333	1667	2000	2333	2667	
NSZ1250	10.5	14	30.1	120	2000	113*37*56	110		26.0	24.3	21.8	18.6	14.3	6.9			
NSZ1500	12	16	25.5	160	2667	138*42*67	213		29.5	28.2	26.2	23.2	19.7	14.8			
NSZ2000	16.3	22	35.4	160	2667	138*42*67	223		25.5	25.2	24.5	22.9	20.4	17.8	14.3	9.4	

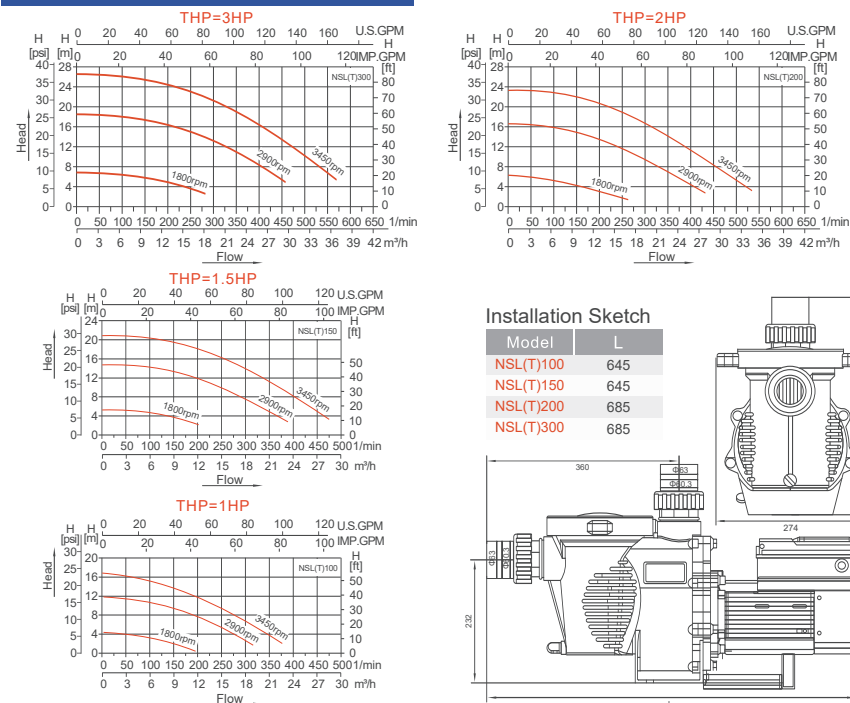
NSL(T)Variable Speed Pool Pump

Characteristic

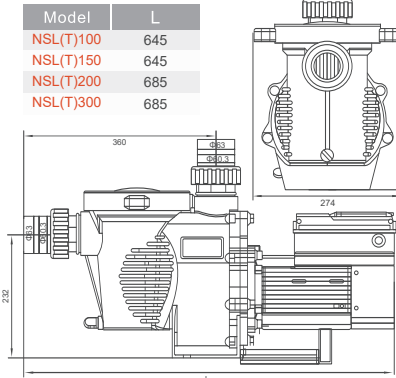
- Permanent magnet synchronous motor(PMSM) with advantages of light weight, small size, low energy consumption, high efficiency and small vibration.
- IP55 protection grade with integrated air duct design. Wide voltage input range and IE5 energy efficiency grade.
- The frequency conversion controller panel is a touch screen which has the advantages of simple and clear operation.
- Flexible speed adjustment and real time display the parameters in screen.
- Power supply: single-phase voltage: 220±10% with frequency: 50/60Hz.
- Modular design and easy to install and maintain.



Performance Curve



Installation Sketch



Performance Table

Model	Output Power		Flow Rate (m³/h)	Head (m)	Joint (Inch)	Current (A)	Dimension (mm)	GW (KG)
	[KW]	[HP]						
NSL(T)100	0.75	1.0	21	17.5	1.5"/2.0"	4.2	630*265*350	14
NSL(T)150	1.1	1.5	28	21	1.5"/2.0"	5.6	630*265*350	15
NSL(T)200	1.5	2.0	32	23	1.5"/2.0"	7.7	630*265*350	16
NSL(T)300	2.2	3.0	37	26	1.5"/2.0"	11	630*265*350	17

NSL(W) Pool Pump (50Hz)

Motor

- 230/380V asynchronous two-pole motor
- Protection class: IP55
- Insulation class: F
- Continuous operation capability
- Built-in overheat protection short circuit device

Materials

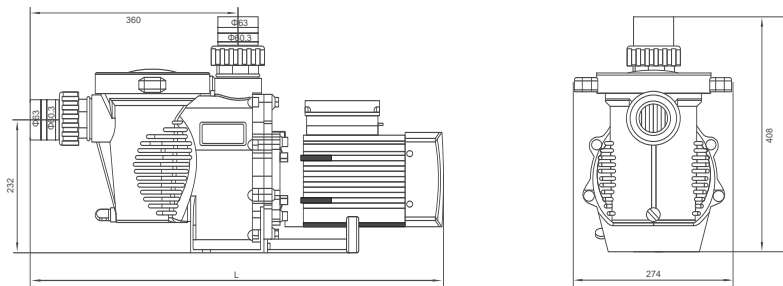
- Engineering plastics made water inlet and outlet
- Mechanical seal module material: Graphite/Silicon Carbide
- O-ring: NBR
- Aluminium motor casing

Working Condition

- Working Temp: 5-50°C
- Ambient Temp: ≤40°C
- Max Working Pressure: 0.3MPa

Installation Sketch

Model	L
NSL(W)100	660
NSL(W)150	680
NSL(W)200	700
NSL(W)250	700

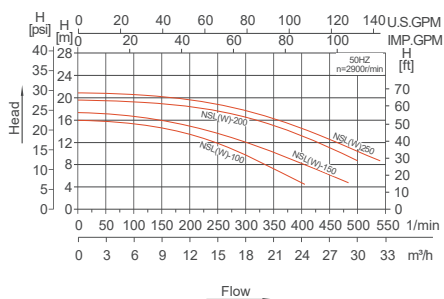


Performance Table

Model	Power [HP]	Max Flow (m³/h)	Max Head (m)	Voltage (V)	Frequency (Hz)	Joint (Inch)	Dimension (mm)	GW (KG)
NSL(W)100	1.5	24	16.5	220	50	1.5"/2.0"	630*265*350	19
NSL(W)150	2.0	29	18	220	50	1.5"/2.0"	630*265*350	20
NSL(W)200	2.5	30	20	220	50	1.5"/2.0"	630*265*350	21
NSL(W)250	3.0	32	21	220	50	1.5"/2.0"	630*265*350	22



Performance Curve



NSO-L Pool Pump (60Hz)

Model Definition

NS O-L 300 G S W S

- S: 304; L: 316L
- W: 50Hz; L: 60Hz
- S: 3PH(≤3KW,220V/380V; >3KW,380V)
- D: 1PH(220V/50Hz; 230V/60Hz)
- G: Metric joints; Y: Inch joints
- Motor power HP*100 pump
- Series number; L: 60Hz
- Pool Pump

Motor

- 115/230V asynchronous two-pole motor (1/1.5/2HP:115/230V; 3HP,230V)
- NEMA service factor: single phase ODP motor
- Insulation class: F
- Continuous operation capability
- Built-in overheat protection short circuit device

Applications

- Household and commercial swimming pool
- Water park
- Water landscape gardening
- Mariculture
- SPA

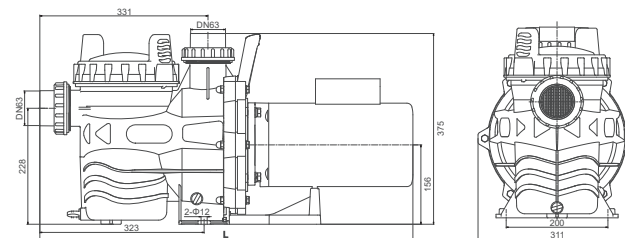
Working Condition

- Working Temp: 5-50°C
- Ambient Temp: ≤40°C
- Max Working Pressure: 0.3MPa

Performance Curve

Installation Sketch

Model	L
NSO-L100	673
NSO-L150	694
NSO-L200	708
NSO-L300	733

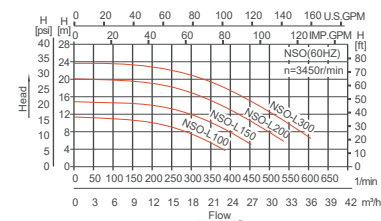


Performance Table

Model	Power [KW] [HP]	Max Head [m]	Max Flow GPH GPM	Packing Size L*W*H[cm]	GW [KG]	Flow Q. [m³/h] [GPM]	Head H[m]	5	10	15	20	25	30	35
NSO-L100	1.1 1.5	12.0	6080 101	68*32.5*41	20.6	11.0 10.5	9.2 6.1	22	44	66	88	110	132	154
NSO-L150	1.5 2	15.5	7130 119	68*32.5*41	22.6	14.5 14.2	13.2 10.0	6.2						
NSO-L200	2.2 3	20.0	8450 141	68*32.5*41	24.6	20.0 19.2	18.4 15.5	12.1 8.0						
NSO-L300	3 4	23.5	9510 159	68*32.5*41	27.6	23.5 22.5	22.2 19.8	16.5 13.0	7.5					



Performance Curve



Materials

- Engineering plastics water inlet and outlet
- Mechanical seal module material: Graphite/Silicon Carbide
- O-ring: NBR
- 08F rimmed steel motor casing

NSG-L Pool Pump (60Hz)

Model Definition

NS	G-L	300	G	S	W	S
						S: 304; L: 316L
						W: 50Hz; L: 60Hz
						S: 3PH(≤3KW, 220/380V; >3KW, 380V)
						D: 1PH(220V/50Hz; 230V/60Hz)
						G: Metric joints; Y: Inch joints
						Motor power HP*100 pump
						Series number; L: 60Hz
						Pool Pump



Motor

- 115/230V asynchronous single-phase two-pole motor (two voltage configuration: 115/230V)
- NEMA service factor: single phase ODP motor
- Insulation class: F
- Continuous operation capability
- Built-in overheat protection short circuit device

Materials

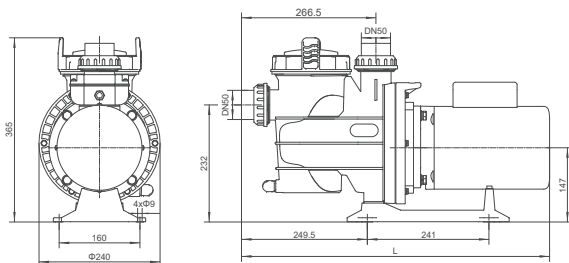
- Engineering plastics made water inlet and outlet
- Mechanical seal module material: Graphite/ Silicon Carbide
- O-ring: NBR
- 08F rimmed steel motor casing

Working Condition

- Working Temp: 5-50°C
- Ambient Temp: ≤40°C
- Max Working Pressure: 0.3MPa
- Max Self-Priming Height: 3 meters

Installation Sketch

Model	L
NSG-L50	570
NSG-L75	570
NSG-L100	590
NSG-L120	590
NSG-L150	610



Performance Table

Model	Power		Max Head	Max Flow		Packing Size	GW	Flow Q	[m³/h]	3	6	9	12	15	18	21	24
	[KW]	[HP]		[m]	GPH												
NSG-L50	0.55	0.75	10.0	4490	75	58*25*39	13.1	Head H[m]	9.0	8.5	8.0	6.5	5.0				
NSG-L75	0.75	1	11.5	5550	93	58*25*39	13.7		11.2	11.0	10.5	10.0	8.5	6.5	4.0		
NSG-L100	0.9	1.2	15.0	6340	106	58*25*39	16.1		14.2	14.0	13.9	13.0	12.0	10.0	7.0	4.0	
NSG-L120	1.1	1.5	16.5	6600	110	58*25*39	17.3		16.5	16.0	15.0	14.5	13.2	11.2	8.9	6.4	
NSG-L150	1.5	2	18.0	7130	119	60*25*39	18.5		18.0	17.8	17.5	16.5	15.3	13.5	11.3	8.9	

NSW-L Pool Pump (60HZ)

Model Definition

NS	W-L	150	G	S	W	S
						S: 304; L: 316L
						W: 50Hz; L: 60Hz
						S: 3PH(≤3KW, 220/380V; >3KW, 380V)
						D: 1PH(220V/50Hz; 230V/60Hz)
						G: Metric joints; Y: Inch joints
						Motor power HP*100 pump
						Series number; L: 60Hz
						Pool Pump



Motor

- 115/230V asynchronous single-phase two-pole motor (two voltage configuration: 115V/230V)
- NEMA service factor: single phase ODP motor
- Insulation class: F
- Continuous operation capability
- Built-in overheat protection short circuit device

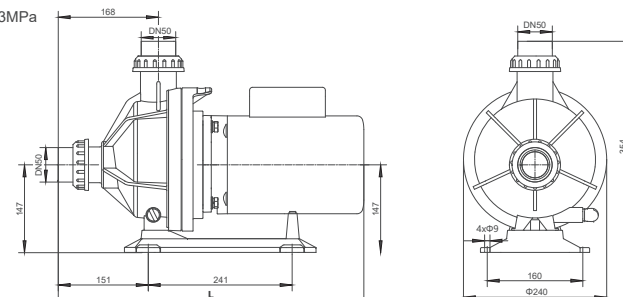
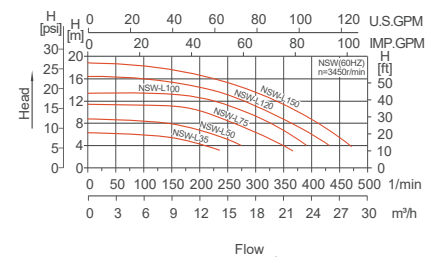
Materials

- Engineering plastics made water inlet and outlet
- Mechanical seal module material: Graphite/ Silicon Carbide
- O-ring: NBR
- 08F rimmed steel motor casing

Working Condition

- Working Temp: 5-50°C
- Ambient Temp: ≤40°C
- Max Working Pressure: 0.3MPa

Performance Curve



Performance Table

Model	Power		Max Head	Max Flow		Packing Size	GW	Flow Q	[m³/h]	3	6	9	12	15	18	21	24
	[KW]	[HP]		[m]	GPH												
NSW-L50	0.55	0.75	10.0	4490	75	56*26*35	12.1	Head H[m]		9.0	8.5	8.0	6.5	5.0			
NSW-L75	0.75	1	11.5	5550	92	56*26*35	12.7			11.2	11.0	10.5	10.0	8.5	6.5	4.0	
NSW-L100	0.9	1.2	15.0	6340	106	56*26*35	13.1			14.2	14.0	13.9	13.0	12.0	10.0	7.0	4.0
NSW-L120	1.1	1.5	16.5	6600	110	56*26*35	14.3			16.5	16.0	15.0	14.5	13.2	11.2	8.9	6.4
NSW-L150	1.5	2	18.0	7130	119	56*26*35	15.5			18.0	17.8	17.5	16.5	15.3	13.5	11.3	8.9

NSC/A-L Pool Pump (60Hz)

Motor

- 115/230V asynchronous two-pole motor
- (0.5/0.75/1.0HP: 115/230V; 1.5/2.0/3.0HP: 230V)
- NEMA service factor: single phase ODP motor
- Insulation class: F
- Continuous operation capability
- Build-in overheat protection short circuit device

Materials

- Engineering plastics water inlet and outlet
- Mechanical seal module material: Graphite/Silicon Carbide
- O-ring: NBR
- 08F rimmed steel motor casing

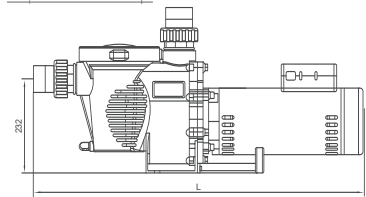
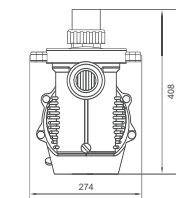
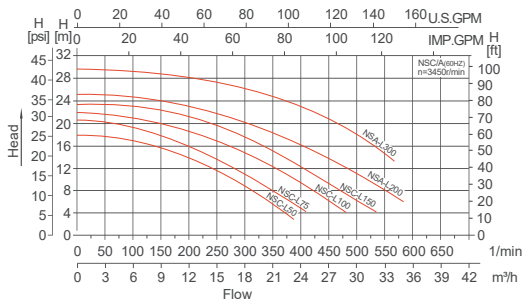
Working Condition

- Working Temp: 5-50°C
- Ambient Temp: ≤40°C
- Max Working Pressure: 0.3Mpa

Applications

- Household and commercial swimming pool
- Water Park
- Water landscape gardening
- Mariculture
- SPA

Performance Curve



Model	L
NSC-L50	685
NSC-L75	700
NSC-L100	715
NSC-L150	730
NSA-L200	745
NSA-L300	765

Performance Table

Model	Power	S.F.H.P	Max Flow (m³/h)	Rated Flow (m³/h) Q	GPM	GPH	Max Head (m)	Rated Head (m)	FR	Voltage (V)	Current (A)	Packaging Size (cm)	GW(KG)	RPM
NSC-L50	0.5HP	0.9HP	23	12	101	6060	18	12.5	48Y	115/230	7.1/4.1	67*26.5*35	13.5	3450r/min
NSC-L75	0.75HP	1.3HP	25	15	110	6600	20.5	12	48Y	115/230	10.5/5.4	67*26.5*35	15.5	3450r/min
NSC-L100	1HP	1.5HP	30	16	132	7920	22	16	48Y	115/230	11.3/6.3	67*26.5*35	17.5	3450r/min
NSC-L150	1.5HP	2.1HP	32	18	141	8460	24	17	48Y	230	8.0	67*26.5*35	19.5	3450r/min
NSA-L200	2HP	2.6HP	35	20	154	9240	25	18.5	56Y	230	9.5	67*26.5*35	20.5	3450r/min
NSA-L300	3HP	3.45HP	34	24	150	9000	30	23	56Y	230	13.2	67*26.5*35	23.0	3450r/min

NSP Small Pool Pump (50/60Hz)

Working Condition

Working Temp: 5-50°C
 Ambient Temp: ≤40°C
 Max Working Pressure: 0.3Mpa
 220-240V asynchronous two-pole motor
 Protection Class: IP55
 Insulation class: F
 Continuous operation capability
 Build-in overheat protection short circuit device
 Engineering plastics water inlet and outlet
 Mechanical seal module material: Graphite/Silicon Carbide
 O-ring: NBR
 Aluminium motor casing
 Includes a strainer for separating leaves and other rough debris



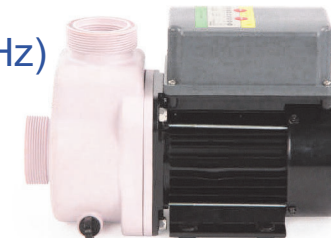
Performance Table

Model	Power		System Flow Rate			Max Head (m)	Voltage (V)	Hz	RPM	Packaging Size(mm)	GW(KG)
	W	HP	(m³/h)	L/min	GPM						
NSP25	250W	0.25HP	10	166	44	7	220-240	50/60	2850/3450	480*160*260	8
NSP35	370W	0.5HP	12	200	52	8	220-240	50/60	2850/3450	480*160*260	9
NSP50	550W	0.75HP	15	250	66	9.5	220-240	50/60	2850/3450	480*160*260	11

NSPW Small Pool Pump (50/60Hz)

Working Condition

Working Temp: 5-50°C
 Ambient Temp: ≤40°C
 Max Working Pressure: 0.3Mpa
 220-240V asynchronous two-pole motor
 Protection Class: IP55
 Insulation class: F
 Continuous operation capability
 Build-in overheat protection short circuit device
 Engineering plastics water inlet and outlet
 Mechanical seal module material: Graphite/Silicon Carbide
 O-ring: NBR
 Aluminium motor casing



Performance Table

Model	Power		System Flow Rate			Max Head (m)	Voltage (V)	Hz	RPM	Packaging Size(mm)	GW(KG)
	W	HP	(m³/h)	L/min	GPM						
NSPW25	250W	0.25HP	10	166	44	7	220-240	50/60	2850/3450	350*160*260	8
NSPW35	370W	0.5HP	12	200	52	8	220-240	50/60	2850/3450	350*160*260	9
NSPW50	550W	0.75HP	15	250	66	9.5	220-240	50/60	2850/3450	350*160*260	11

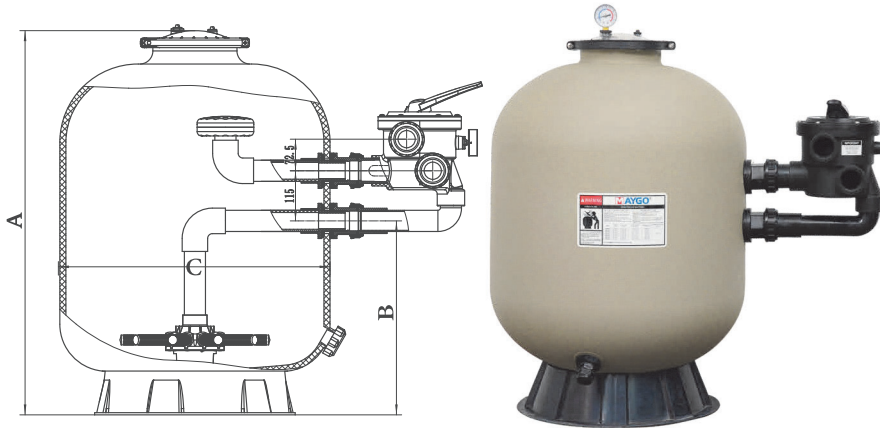
MGS Plastic Sand Filter Side Mount

Working Condition

- Max Working Pressure: 250kpa / 35psi / 2.5bar
- Max Hydrostatic Pressure Capacity: 46psi / 3.2bar
- Max Water Temp: 40°C(104°F)
- Size Of Silica Sand: >0.5mm
- Max Filtration Velocity: 50m³/h/m²
- Color can be customized

Features

- Transparent lid cover allows easy inspection of the sand bed
- Top diffuser ensures even distribution of water over the top of the sand bed
- Air relief enables easy release of trapped air during operation of the filter
- Easy-to-use multiport valve lets you select any of the valve/filter operation with a simple lever-action



Performance Table

Model No.	A		B		C		Filter Area [m²]	Valve Connections		Max Flow Rate	Sand [KG]	
	mm	in	mm	in	mm	in						
MGS18	628	24.7	290	11.4	460	18	0.16	1.5inch	50mm	130LPM	7.8m³/h	45
MGS20	684	26.9	312	12.3	510	20	0.22	1.5inch	50mm	180LPM	10.8m³/h	85
MGS25	880	34.6	445	17.5	620	25	0.31	1.5inch	50mm	255LPM	15.3m³/h	145

MGT Plastic Sand Filter Top Mount

Model Definition



Product Profile

- MGT ejector sand cylinder filter is made of engineering plastic with good chemical corrosion resistance, sun protection and UV protection. Sand cylinder has a certain degree of elasticity, not easy to crack and broken. The design of water distributor is unique and efficiency of culvert drainage system is high. After filtering the pool water through the sand tank filter. The effluent turbidity is less than 2 degrees which has the priority in the filtration system of swimming pool, SPA, water scape and water park.

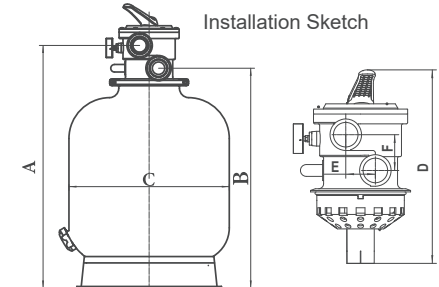


Working Condition

- Max Working Pressure: 250kpa/ 35psi/ 2.5bar
- Max Hydrostatic Pressure Capacity: 46psi / 3.2bar
- Max Water Temp: 40°C(104°F)
- Size Of Silica Sand: >0.5mm
- Max Filtration Velocity: 50m³/h/m²

Characteristics

- The cylinder body is made of plastic, and the surface is treated with uv protection
- Ergonomic design of six - way valve
- Stainless steel shockproof pressure gauge
- Built-in filter bottom tube, easy maintenance
- The bottom sand discharge valve facilitates the removal of goods to replace sand in the sand cylinder.



Performance Table

Model No.	A		B		C		D		E		F		Filter Area [m²]	Valve Connections		Max Flow Rate		Sand [KG]
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in						
MGT16	665	26.2	590	23.2	400	16	392	15.4	60	2.36	72	2.84	0.13	1.5inch 50mm	105LPM	6.3m³/h	35	
MGT18	710	28.0	635	25.0	460	18	392	15.4	60	2.36	72	2.84	0.16	1.5inch 50mm	130LPM	7.8m³/h	45	
MGT20	775	30.5	700	27.6	510	20	392	15.4	60	2.36	72	2.84	0.22	1.5inch 50mm	180LPM	10.8m³/h	85	
MGT25	975	38.4	900	35.4	620	25	392	15.4	60	2.36	72	2.84	0.31	1.5inch 50mm	255LPM	15.3m³/h	145	
MGT28	950	37.4	890	35.0	710	28	392	15.4	60	2.36	72	2.84	0.40	1.5inch 50mm	333LPM	20m³/h	220	
MGT28-2	950	37.4	890	35.0	710	28	392	15.4	60	2.36	72	2.84	0.40	2.0inch 63mm	333LPM	20m³/h	220	

NSF Sand Filter Pump (50Hz)

Working Condition

- 6-position valve allows for easy filter control
- Durable, corrosion-resistant filter tank
- Top flange clamp allows 360° rotation for quick and smooth installation
- Includes a prefilter for separating leaves and other rough debris
- This product is preassembled for added convenience
- Equipped with 2" G external teeth corrugated pipe
- This product works with normal sand convention
- Sand not included



Performance Table

Model	Power	Pump Flow Rate (m³/h)	System Flow Rate			Max Head (m)	Voltage (V)	Hz	RPM	Packaging Size(mm)	GW(KG)
			(m³/h)	L/min	GPM						
NSF25	250W	10	7	117	31	7	220-240	50Hz	2850r/min	550*500*330	12
NSF35	350W	12	9	150	40	8	220-240	50Hz	2850r/min	550*500*390	13
NSF50	450W	15	12	200	53	9.5	220-240	50Hz	2850r/min	620*500*430	15

NSFW Sand Filter Pump (50Hz)

Working Condition

- 6-position valve allows for easy filter control
- Durable, corrosion-resistant filter tank
- Top flange clamp allows 360° rotation for quick and smooth installation
- This product is preassembled for added convenience
- Equipped with 2" G external teeth corrugated pipe
- This product works with normal sand convention
- Sand not included

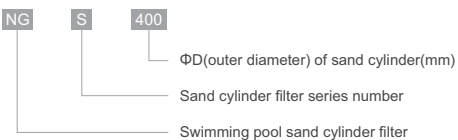


Performance Table

Model	Power	Pump Flow Rate (m³/h)	System Flow Rate			Max Head (m)	Voltage (V)	Hz	RPM	Packaging Size(mm)	GW(KG)
			(m³/h)	L/min	GPM						
NSFW25	250W	10	7	117	31	7	220-240	50Hz	2850r/min	550*450*330	11
NSFW35	350W	12	9	150	40	8	220-240	50Hz	2850r/min	550*450*390	12
NSFW50	450W	15	12	200	53	9.5	220-240	50Hz	2850r/min	620*450*430	14

NGS Fiberglass Sand Filter Top Mount

Model Definition



Product Profile

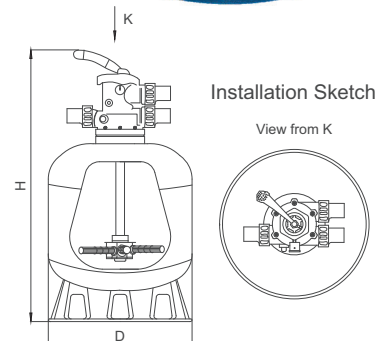
- NGS ejector sand cylinder filter is made of glass fiber and resin with good chemical corrosion resistance, sun protection and UV protection. Sand cylinder has a certain degree of elasticity, not easy to crack and broken. The design of water distributor is unique and efficiency of culvert drainage system is high. After filtering the pool water through the sand tank filter, the effluent turbidity is less than 2 degrees which has the priority in the filtration system of swimming pool, SPA, water escape and water park.

Working Condition

- Working Temp: 5-50°C
- Max Working Pressure: 0.25MPa
- Ambient Temp: ≤50°C

Characteristics

- Polyurethane protective layer to protect against ultraviolet rays
- Six-way valve designed ergonomically
- Excellent filtering ability
- Chemical corrosion resistance
- Pressure gauges showing the dynamic pressure
- With side flushing functions, simple operation, no maintenance costs.
- The bottom discharge valve facilitates the removal or replacement of sand in the cylinder.

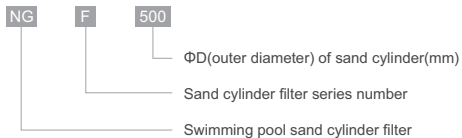


Performance Table

Model	D [inch/mm]	Inter & Outlet [inch]	Flow [m³/h]	Flow [l/min]	Filtration Area[m²]	Filter Material [KG]	H [mm]	Size [mm]	Weight [KG]
NGS-400	16"/ø400	1.5"	6.3	105	0.13	35	435	410*410*490	11.5
NGS-450	18"/ø450	1.5"	7	117	0.14	50	725	440*440*540	12.5
NGS-500	20"/ø500	1.5"	10	167	0.20	80	805	510*510*670	14
NGS-600	24"/ø600	1.5"	15	250	0.30	160	875	630*630*670	19
NGS-700	28"/ø700	1.5"	18.5	308	0.37	220	975	710*710*670	22.5
NGS-800	32"/ø800	2"	25	417	0.50	370	1145	830*830*930	39.5
NGS-900	36"/ø900	2"	30	500	0.64	447	1255	900*900*990	40
NGS-1000	40"/ø1000	2"	35	583	0.79	700	1350	1030*1030*1200	55
NGS-1100	44"/ø1100	2"	44	733	0.98	960	1490	1135*1135*1260	60
NGS-1200	48"/ø1200	2"	50	833	1.13	1200	1555	1230*1230*1380	68
NGS-1400	56"/ø1400	2"	68	1133	1.53	1700	1775	1410*1410*1550	96

NGF Fiberglass Sand Filter Side Mount

Model Definition



Product Profile

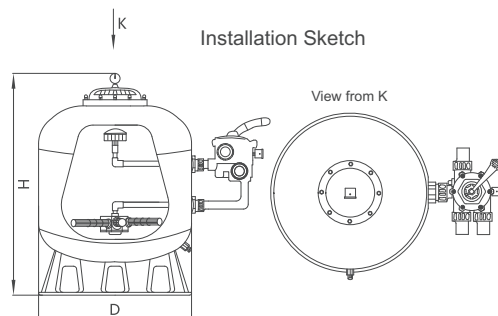
- NGS ejector sand cylinder filter is made of glass fiber and resin with good chemical corrosion resistance, sun protection and UV protection. Sand cylinder has a certain degree of elasticity, not easy to crack and broken. The design of water distributor is unique and efficiency of culvert drainage system is high. After filtering the pool water through the sand tank filter. The effluent turbidity is less than 2 degrees which has the priority in the filtration system of swimming pool, SPA, water scape and water park.

Working Condition

- Working Temp: 5-50℃
- Max working pressure: 0.25MPa
- Ambient Temp: ≤50℃

Characteristics

- The cylinder body is made of glass fiber, and the surface is treated with uv protection
- Ergonomic design of six - way valve
- Stainless steel shockproof pressure gauge
- Built-in filter bottom tube, easy maintenance
- The bottom sand discharge valve facilitates the removal of goods to replace sand in the sand cylinder.



Performance Table

Model	D [inch/mm]	Inter& Outlet [inch]	Flow [m³/h]	Flow [l/min]	Filtration Area[m²]	Filter Material [KG]	H [mm]	Size [mm]	Weight [KG]
NGF-500	20"/ø500	1.5"	10	167	0.20	80	590	510*510*670	14
NGF-600	24"/ø600	1.5"	15	250	0.30	160	660	630*630*670	19
NGF-700	28"/ø700	1.5"	18.5	308	0.37	220	740	710*710*670	22.5
NGF-800	32"/ø800	2"	25	417	0.50	370	890	830*830*930	39.5
NGF-900	36"/ø900	2"	30	500	0.64	447	960	900*900*990	40
NGF-1000	40"/ø1000	2"	35	583	0.79	700	1080	1030*1030*1200	57
NGF-1200	48"/ø1200	2"	50	833	1.13	1200	1250	1230*1230*1380	68

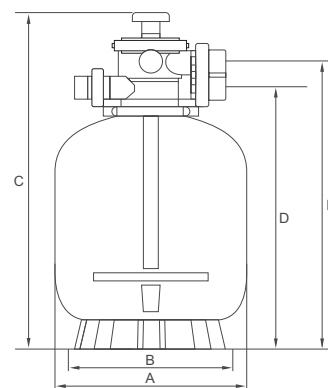
NGA Plastic Sand Filter Top Mount

Working Condition

- Max Working Pressure: 200kpa/ 28psi/ 2.0bar
- Factory Testing Pressure: 300kpa/ 44psi/ 3.0bar
- Max Water Temp: 40℃ (104°F)
- Size Of Silica Sand: 0.5-0.8mm
- Max Filtration Velocity: 50m³/h/m²
- Color can be customized

Features

- Compact and light weight
- Designed for most swimming pools or SPA pools
- Clamp lock is designed to allow 360 degree rotation to simplify installation
- Easy-to-use multiport valve lets you select any of the valve/filter operation with a simple lever-action



Performance Table

Model No.	A		B		C		D		E		Filter Area [m²]	Valve Connections		Max Flow Rate	Sand [KG]	
	mm	in	mm	in	mm	in	mm	in	mm	in						
NGA2501	360	14.2	340	13.4	730	28.7	550	21.7	619	24.4	0.1	1.5inch	50mm	72LPM	4.32m³/h	20
NGA2502	400	15.7	340	13.4	810	31.9	590	23.2	640	25.2	0.13	1.5inch	50mm	102LPM	6.12m³/h	35
NGA2503	460	18.1	420	16.5	840	33.1	638	25.1	698	27.5	0.16	1.5inch	50mm	130LPM	7.8m³/h	45
NGA2504	510	20.1	420	16.5	860	33.9	670	26.4	730	28.7	0.22	1.5inch	50mm	180LPM	10.8m³/h	85
NGA2505	620	24.4	480	18.9	1075	42.3	900	35.4	960	37.8	0.31	1.5inch	50mm	255LPM	15.3m³/h	145

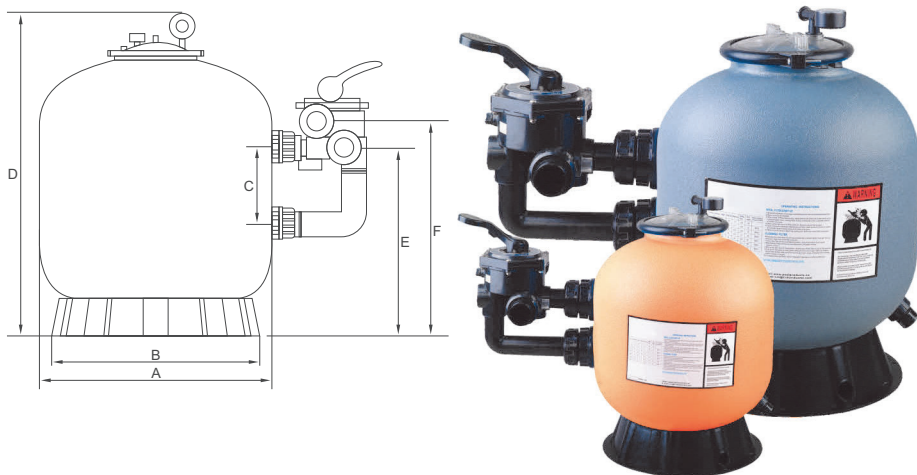
NGC Plastic Sand Filter Side Mount

Working Condition

- Max Working Pressure: 200kpa/ 28psi/ 2.0bar
 - Factory Testing Pressure: 300kpa/ 44psi/ 3.0bar
 - Max Water Temp: 40°C(104°F)
 - Size Of Silica Sand: 0.5-0.8mm
 - Max Filtration Velocity: 50m³/h/m²
- Color can be customized

Features

- Transparent lid cover allows easy inspection of the sand bed
- Top diffuser ensures even distribution of water over the top of the sand bed
- Air relief enables easy release of trapped air during operation of the filter
- Easy-to-use multiport valve lets you select any of the valve/filter operation with a simple lever-action



Performance Table

Model No.	A		B		C		D		E		F		Filter Area [m²]	Valve Connections	Max Flow Rate	Sand [KG]
	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in				
NGC2506	460	18.1	420	16.5	180	7.1	660	26	440	17.3	500	19.6	0.16	1.5inch 50mm	130LPM 7.8m³/h	45
NGC2507	510	20.1	420	16.5	180	7.1	700	27.6	460	18.1	520	19.6	0.22	1.5inch 50mm	180LPM 10.8m³/h	85
NGC2508	620	24.4	480	18.9	180	7.1	940	37	510	20.1	570	22.4	0.31	1.5inch 50mm	255LPM 15.3m³/h	145

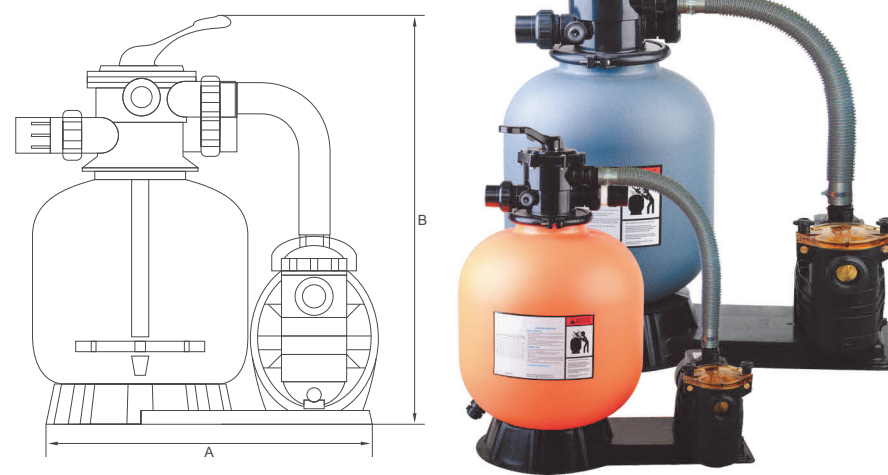
NGW Plastic Sand Filter Filtration Combo

Working Condition

- Max Working Pressure: 200kpa / 28psi / 2.0bar
 - Factory Testing Pressure: 300kpa / 44psi / 3.0bar
 - Max Water Temp: 40°C(104°F)
 - Size Of Silica Sand: 0.5-0.8mm
- Color can be customized

Features

- Compact and light weight
- Designed for most domestic swimming pools or SPA pools
- Clamp lock is designed to allow 360 degree rotation to simplify installation
- Easy-to-use multiport valve lets you select any of the valve/ filter operation with a simple lever-action



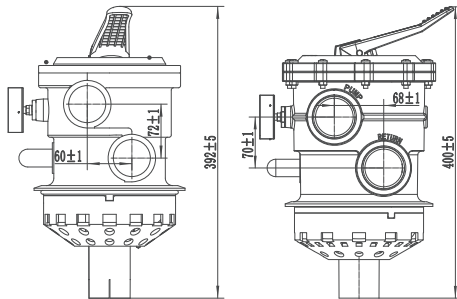
Performance Table

Model No.	A		B		Filter Area [m²]	Pump [KW]	Valve Connections	Max Flow Rate	Sand [KG]
	mm	in	mm	in					
NGW2509	360	14.2	750	28.5	0.1	0.25	1.5inch 50mm	72LPM 4.32m³/h	20
NGW2510	410	16.1	815	32.1	0.13	0.37	1.5inch 50mm	102LPM 6.48m³/h	35
NGW2511	460	18.1	820	32.3	0.16	0.55	1.5inch 50mm	135LPM 8.1m³/h	45
NGW2512	520	20.5	845	33.3	0.22	0.75	1.5inch 50mm	185LPM 11.1m³/h	85

Top Mount Multiport Valve

Introduction

Multiport control valves, engineered for maximum flow at lower pressure drops, are the professional's choice in multiport valves. All VariFlo control valves feature an easy-to-use lever action VariFlo handle that lets you "dial" up to seven valve/filter functions: filter, backwash, waste, rinse, closed, winter or recirculate.



Features

- **FILTER** – For normal filtering and regular vacuuming
- **BACKWASH** – For cleaning filter sand bed of accumulated debris
- **RINSE** – Use after completing backwash cycle to ensure all dirty water is rinsed out of the filter to waste
- **WASTE** – By-passes the filter for draining or lowering pool water level and for vacuuming heavy debris directly to waste line
- **RECIRCULATE** – Water is recirculated through the valve by-passing the filter
- **CLOSED** – Shuts off the flow from the pump to the filter
- **WINTER** – For winterizing

Performance Table

Model	Adaptation model	Joint size	Function	Size(mm)	GW (kg)
Top-15	TSF	1.5"	7 types	260x260x400	3.6
Top-20	SSF	2.0"	7 types	260x260x400	3.7



AF Cartridge Filter

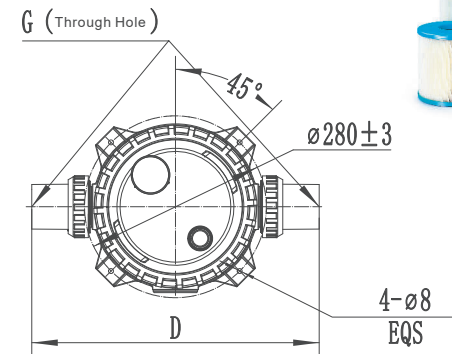
Working Condition

- Working Temp: 5-50°C
- Ambient temp: ≤40°C
- Max Working pressure: 0.25MPa

Features

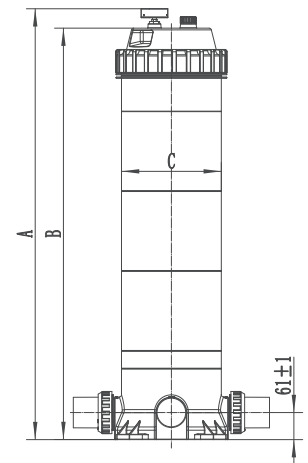
Cartridge filtration is an effective trouble-free proven method of filtration. Pool water enters the filter and passes through a polyester single element cartridge. Suspended particles are trapped and the water is returned to the pool. As the build-up of dirt in the element increases so the water pressure rises and the flow decreases. When the pressure reaches an unacceptable level, the element must be removed and cleaned (spray washing with a common garden hose is generally sufficient).

Installation Sketch



Performance Table

Model	Height mm A	Height mm B	Diameter mm C	Diameter mm D	Filtration Area [m²]	Design Flow [m³/h]
AF25	445	387	225	397	2.25	5.5
AF50	625	567	225	397	4.63	11.4
AF75	805	747	225	397	7	17
AF100	985	927	225	397	9.38	22.9
AF150	1165	1107	225	397	13.72	33.4



In-line Automatic Chlorine Feeder

Application

MG100, MG200 are suitable for Hottub, SPA and medium or large swimming pools

Performance

- Unique design without special exhaust device
- Seal design without leaks
- Flexible external control valve
- Fully automatic low water level design; when the water pump stops working, the water level will be automatically lowered to avoid soaking the chlorine tablets and prolong the service life of the chlorine tablets
- Disinfectant is injected directly into the pool or bathtub without going through other equipment
- Without additional equipment, the disinfectant is injected directly into the pool or bathtub
- All parts are replaceable



Off-line Automatic Pool chlorinator

Application

MG110, MG220 are suitable for Hottub, SPA and medium or large swimming pools

Performance

- Bypass loop off main pipe
- Simple/Flexible - often no cutting
- Easy/flexible install, low cost
- Fully automatic low water level design; when the water pump stops working, the water level will be automatically lowered to avoid soaking the chlorine tablets and prolong the service life of the chlorine tablets

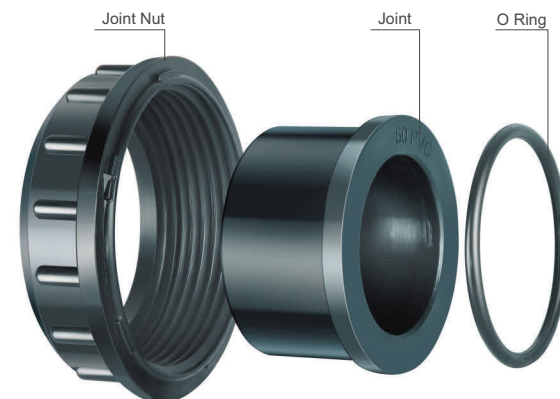


Performance Table

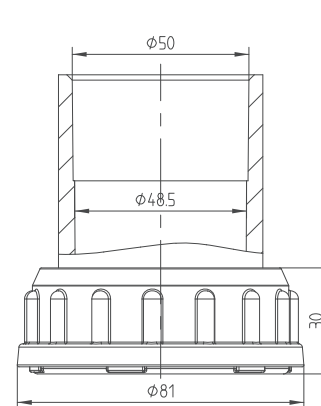
Model	Capacity LB	Capacity KG	PCS /Carton	Total GW	L	W	H
MG100	4.2	2	6	8	45	45.5	39.5
MG200	9.0	4	6	12.6	59.5	50	42
MG110	4.2	2	6	8	45	45.5	39.5
MG220	9.0	4	6	12.6	59.5	50	42

Pool Pump Joint Assembly

Model Definition



1.5 Inch Joint Assembly



2.0 Inch Joint Assembly

