VERSA® PUMP

SEWAGE LIFTING UNIT

More reliable and intelligent drainage system













VIZL SERIES









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VERSA® PUMP

VERSA® PUMP

INTELLIGENT CONTROLLER

VIZL-ICM



- Intelligent interconnection, support WIFI connect to realize remote setting, detection, and information sending.
- Clear and easy-to-operate, human-computer interaction, colored high-definition LCD large screen.
- Equipped with electronic air pressure sensing module as standard, and optional float control.
- The starting liquid level, alarm liquid level, etc. can be adjusted stepless, and the liquid level is accurate to the millimeter level.
- With overload, overheating, dry running, overtime operation, phase failure alarm and protection functions.
- Built-in buzzer alarm and terminal with external alarm.
- Delay stop function can effectively eliminate the sound of "water hammer" and prevent dirt from adhering to the impeller.
- 24-hour inspection function.
- Real-time liquid level, voltage, current detection.
- Support both 220V and 380V versions.
- Stylish and beautiful, with safety protection design.
- Manual, stop and automatic modes.
- Support record and query of the system working time and water pump running time and times.
- Various fault information can be displayed.
- Small size: 180*98*40mm(L*W*H).

Type	NO.	U[V]	Control
VIZL-ICM220S1.1	10001	200	One pump controlled
VIZL-ICM220S2.1	10002	220	Two pumps controlled

VERSA® PUMP

INTELLIGENT CONTROLLER

VIZL-ICN



- Intelligent interconnection, support WIFI connect to realize remote setting, detection, and information sending.
- Clear and easy-to-operate, human-computer interaction, colored high-definition LCD large screen.
- Equipped with electronic air pressure sensing module as standard, and optional float control.
- The starting liquid level, alarm liquid level, etc. can be adjusted stepless, and the liquid level is accurate to the millimeter level.
- Periodic backwashing function, which can change the time and cycle of backwashing.
- With water seepage detection and pop-up water seepage alarm information.
- Water leakage detection and pop-up water leakage alarm information, and also has the function of shutting down the tap water inlet.
- With overload, overheating, dry running, overtime operation, phase failure alarm and protection functions.
- Built-in buzzer alarm and terminal with external alarm.
- Delay stop function.
- 24-hour inspection function.
- Real-time liquid level, voltage, current detection.
- Support both 220V and 380V versions.
- Stylish and beautiful, with safety protection design.
- Manual, stop and automatic modes.
- Support record and query of the system working time and water pump running time and times.
- Various fault information can be displayed.
- Small size: 246*180*107mm(L*W*H).

Type	NO.	U[V]	Control
VIZL-ICN220S1.1	13011	200	One pump controlled
VIZL-ICN220D2.1	13012	220	Two pumps controlled
VIZL-ICN380S1.1	13013	380	One pump controlled
VIZL-ICN380D2.1	13014	380	Two pumps controlled

VERSA® PUMP

SEWAGE LIFTING UNITS

SINGLE VORTEX PUMP

EXTERNAL SINGLE VORTEX PUMP

VIZL-750

VERSA® PUMP

QUALITY CREATING CLASSICS

Intelligent Touch Screen Controller

Adopt VIZL-750 intelligent controller, small and pretty, LCD touch screen, electronic air pressure sensor control, multiple safety protection and remote control.

Magnetic Power Pneumatic Valve

It is fully sealed when not working, and automatically opens to balance the air pressure when working.
Completely avoid that the valve always opening to the room which cannot solve the problem of odor emission.

S1 mode 304 stainless steel oil-cooled motor

The motor shell is made of 304 stainless steel, which is newly keep and corrosion-resistance.
1000ml of high-grade insulating mineral oil added to speed up the cooling effect, longer the usage life, work continuously, and lower the noise.

Multifunctional air pressure detection device

With loop flange design (overhaul cover)
Built-in large channel 75mm anti-clogging air pressure sensing sleeve to make it more stable and accurate and to avoid liquid level detection failure.





Multi-direction water inlet

2*Φ110mm and 2*ϕ50mm inlet pipe to meet the needs at different direction.

Stylish fully sealed HDPE container

The container structure integrates fluid mechanics, acoustics and fashion aesthetics, which is convenient for sewage collection, and it is also quieter, more beautiful and more fashionable. One-piece plastic processing and molding, fully sealed and no odor emission, with a service life of up to 50 years.

Large channel vortex pump

The use of large channel vortex pumps can easily discharge various impurities in the bathroom and avoid blockage problems.

Check valve with low noise

The high-strength and corrosion-resistant valve body, a fast and safe swing-type structure for water-stop, and built-in disc steel plate and the low noise rubber wrapped outside.

Multiple sealing structure design

Oil chamber filled with 500ml sealing oil and double-end mechanical seal to seals better and longer the motor service life.
Lip shaft seal make better effect too.
The sealing structure with multiple layers of protection prevents leakage to make it safer and more stable!

INTELLIGENT SEWAGE LIFTING UNITS -External single vortex pump

VIZL-750



/ CHARACTERISTIC

- S1 type motor, which can work continuously.
- External large-channel vortex pump to prevent blockage.
- Oil cooled 304 stainless steel motor which have low operation noise and longer service life.
- Magnetic pneumatic valve, closed when not in use, anti-odor.
- Intelligent VIZL-ICM controller, which can realize networking, remote control, debugging and alarming.
- HD touch screen makes display and control more convenient.
- Precise electronic pressure sensor, which can monitor accurate liquid level and avoid winding.
- Adopt double-end mechanical seal and 500ml oil chamber seal.
- Fully enclosed HDPE container with 21 liters capacity.
- The protection grade is IP68-fully immersed (except for the controller).
- Swing check valve with low noise.
- Φ 75 large channel liquid level detection sensor to avoid detection failure.
- Operation temperature max 60 °C, it can reach 90 °C in a short time.
- Inlets: 2 ×ϕ 110，2 ×ϕ 50

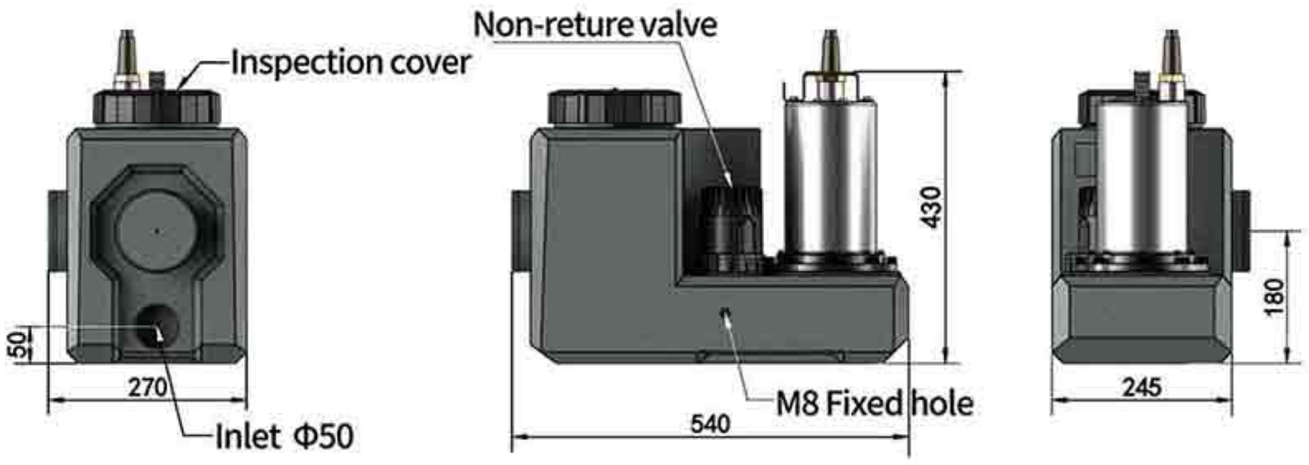
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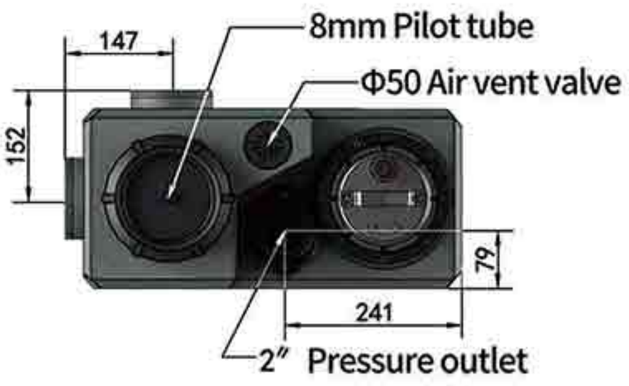
- Sewage discharge from private basement’ s bathrooms and kitchens in villas and large flat layer.

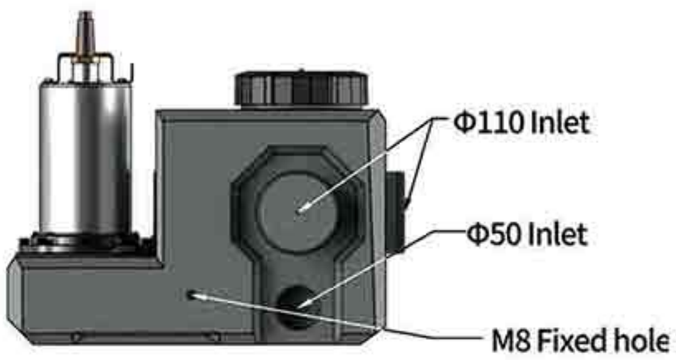
/ TECHNICAL PARAMETERS

Type	NO.	P(Kw)	U(V)	I(A)	N (rpm)	Qmax (m^3/h)	Hmax (m)	Solids handing (mm)	Weigh (Kg)
VIZL-750W	11001	0.75	220	6	2850	22.5	12.5	50	26

OVERALL DIMENSIONS



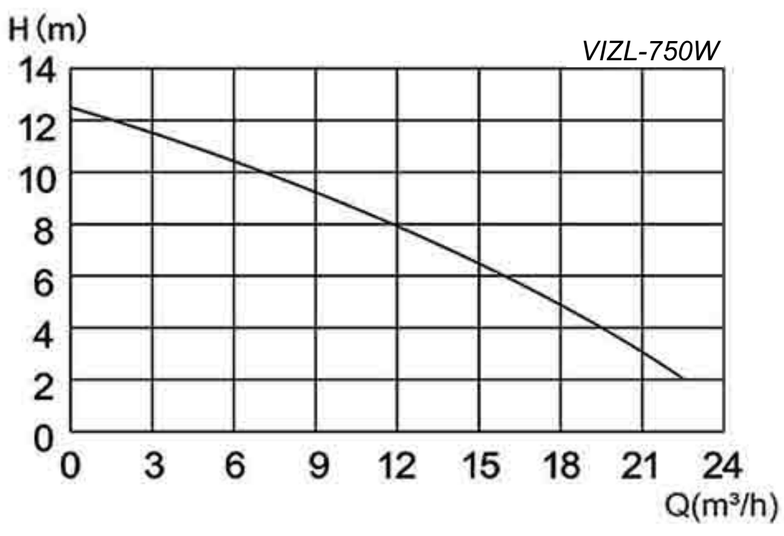




/ SCOPE OF SUPPLY

- PE water collection tank, integrated one-way valve, stainless steel oil-cooled water pump with 3.5M cable, water flexible connectors and fasteners and air pressure sensing tube
- VIZL-750W intelligent controller

Performance



INTELLIGENT SEWAGE LIFTING UNITS -External double vortex pump

VIZL-750 Double



/ CHARACTERISTIC

- S1 type motor, which can work continuously.
- 2 sets external large-channel vortex pump to prevent blockage.
- Oil cooled 304 stainless steel motor which have low operation noise and longer service life.
- Intelligent VIZL-ICM controller, which can realize networking, remote control, debugging and alarming.
- HD touch screen makes display and control more convenient.
- Precise electronic pressure sensor, which can monitor accurate liquid level and avoid winding.
- Adopt double-end mechanical seal and 500ml oil chamber seal.
- Fully enclosed HDPE container with 60 liters capacity.
- The protection grade is IP68-fully immersed (except for the controller).
- Swing check valve with low noise.
- Φ 75 large channel liquid level detection sensor to avoid detection failure.
- 360 ° rotary high-pressure backwashing system (optional).
- Water seepage monitoring alarm and tap water closing linkage system (optional).
- Operation temperature max 60 °C, it can reach 90 °C in a short time.
- Inlets: 3 ×φ 110，3 ×φ 50，1 ×φ 50/110
- Vent: φ 50

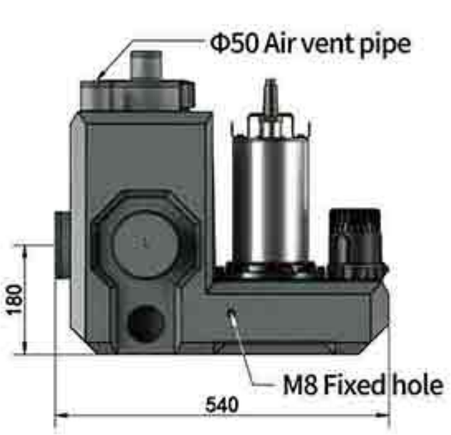
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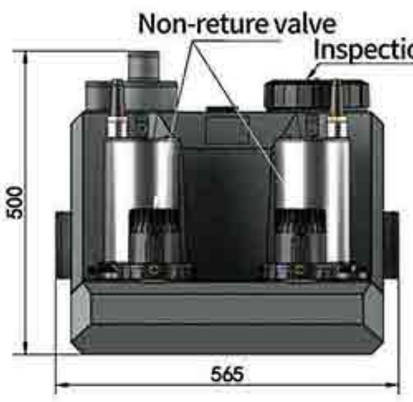
- Sewage discharge from private basement’ s bathrooms and kitchens in villas and large flat layer.
- Sewage discharge from restrooms and operation rooms in newly built and reconstructed small commercial places.

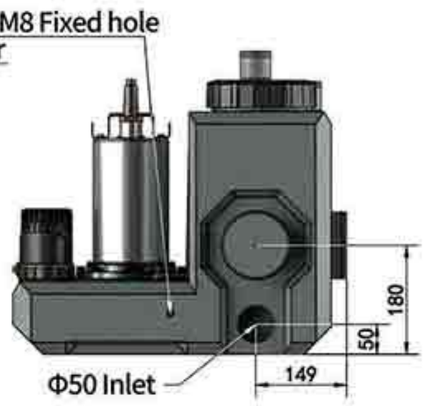
/ TECHNICAL PARAMETERS

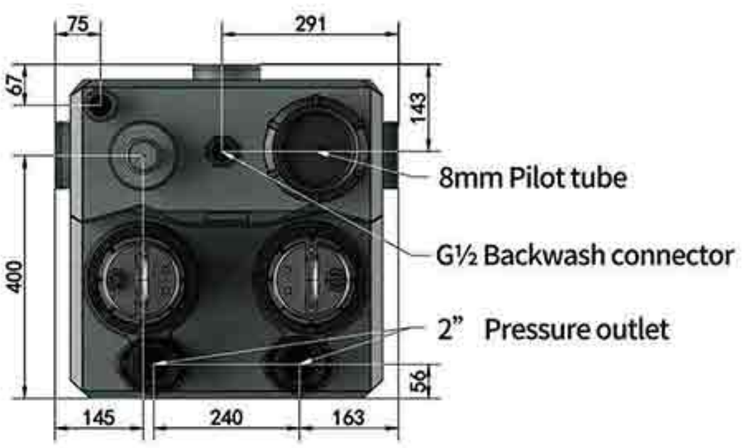
Type	NO.	P(Kw)	U(V)	I(A)	N (rpm)	Qmax (m^3/h)	Hmax (m)	Solids handing (mm)	Weigh (Kg)
VIZL-750W Double	11002	0.75	220	6	2850	22.5	12.5	50	47
VIZL-750W Double FX	11004	0.75	220	6	2850	22.5	12.5	50	47
VIZL-FX	13001	Special backwash kit for sewage lifting units, including special backwash head, special control valve and connectors							
VIZL-SS	13002	Water seepage detection kit, including 3.5m long electrode wire and monitoring probe							
VIZL-LS	13003	Water leakage detection kit, including 3.5m long electrode wire, monitoring probe and special control valve							

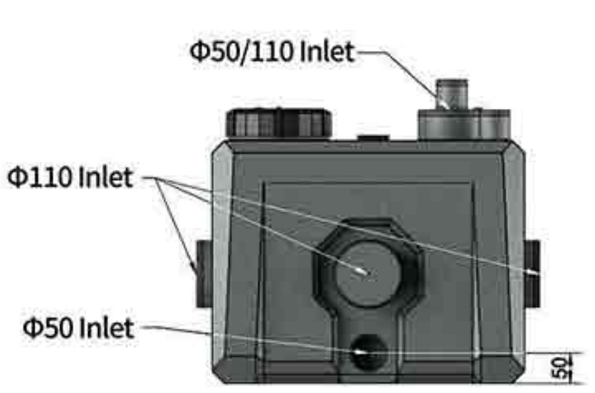
/ OVERALL DIMENSIONS







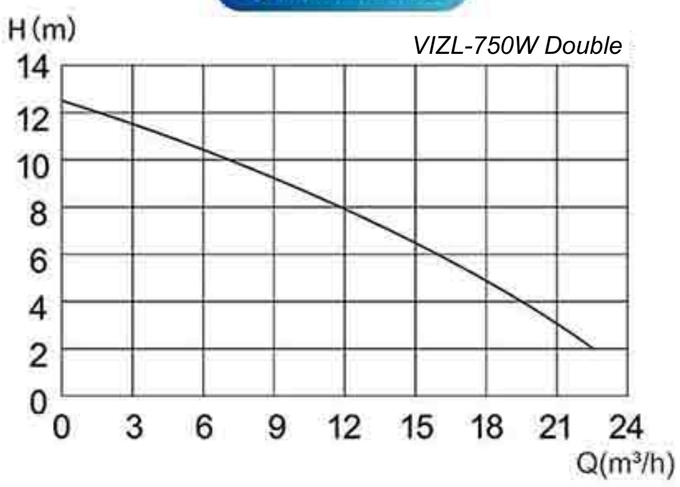




/ SCOPE OF SUPPLY

- PE water collection tank, integrated one-way valve, stainless steel oil-cooled water pump with 3.5M cable, water flexible connectors and fasteners, Y-shaped pressure outlet pipe, ventilation flexible connectors and fasteners and air pressure sensing tube.
- VIZL-ICM intelligent controller

Performance



VERSA® PUMP

SEWAGE LIFTING UNITS

VORTEX INTELLIGENT PUMP

INTELLIGENT LIFTING UNITS-VORTEX PUMP

VIZL-1500 / VIZL-1000



S1 mode 304 stainless steel oil-cooled motor

The motor shell is made of 304 stainless steel, which is newly keep and corrosion-resistance.
1600ml high-grade insulating mineral oil added to speed up the cooling effect, longer the usage life, work continuously, and lower the noise.



Multiple sealing structure design

Oil chamber filled with 500ml sealing oil and double-end mechanical seal to seals better and longer the motor service life.
Lip shaft seal make better effect too.
The sealing structure with multiple layers of protection prevents leakage to make it safer and more stable!

Large channel vortex pump

50mm large channel vortex pumps can easily discharge various impurities in the bathroom and avoid blockage problems.



VERSA® PUMP

QUALITY CREATING CLASSICS



Fully automatic running water backwashing system

It uses running water to clean, automatically starts backwashing regularly. Running water enters the backwashing device when start, and the cleaning head automatically cleans the inner wall of the water tank at 360° without dead angle to keep it as new as before even used for a long time.



1000 series intelligent controller

Detailed introduction in P6



1500 series intelligent controller

Detailed introduction in P7

MUltifunctional air pressure detection device

With loop flange design (overhaul cover)
Built-in large channel 75mm anti-clogging air pressure sensing sleeve to make it more stable and accurate and to avoid liquid level detection failure.



Check valve with low noise

The high-strength and corrosion-resistant valve body, a fast and safe swing-type structure for water-stop, and built-in disc steel plate and the low noise rubber wrapped outside.
Both ϕ90 and ϕ75 flange interfaces are supported. The drain thimble can be used to "manually" lift the disc, and emptying the drain when needed.

Multi-direction water inlet

3*Φ110, 3*ϕ50 and 1*ϕ50/110 inlet pipe to meet the needs at different direction.

Stylish fully sealed HDPE container

The container structure integrates fluid mechanics, acoustics and fashion aesthetics, which is convenient for sewage collection, and it is also quieter, more beautiful and more fashionable. One-piece plastic processing and molding, fully sealed and no odor emission, with a service life of up to 50 years.

INTELLIGENT SEWAGE LIFTING UNITS -External single vortex pump

VIZL-1500/VIZL-1000



/CHARACTERISTIC

- S1 type motor, which can work continuously.
- External 50mm large-channel vortex pump to prevent blockage.
- Oil cooled 304 stainless steel motor which have low operation noise and longer service life.
- Intelligent controller, which can realize networking, remote control, debugging and alarming.
- HD touch screen makes display and control more convenient.
- Precise electronic pressure sensor, which can monitor accurate liquid level and avoid winding.
- Adopt double-end mechanical seal and 500ml oil chamber seal.
- Fully enclosed HDPE container with 60 liters capacity.
- The protection grade is IP68-fully immersed (except for the controller).
- Swing check valve with low noise.
- Φ 75 large channel liquid level detection sensor to avoid detection failure.
- 360 ° rotary high-pressure backwashing system (optional).
- Water seepage monitoring alarm and tap water closing linkage system (optional).
- Operation temperature max 60 °C, it can reach 90 °C in a short time.
- Inlets: 3 ×ϕ110，3 ×ϕ50，1 ×ϕ50/110
- Vent: ϕ50

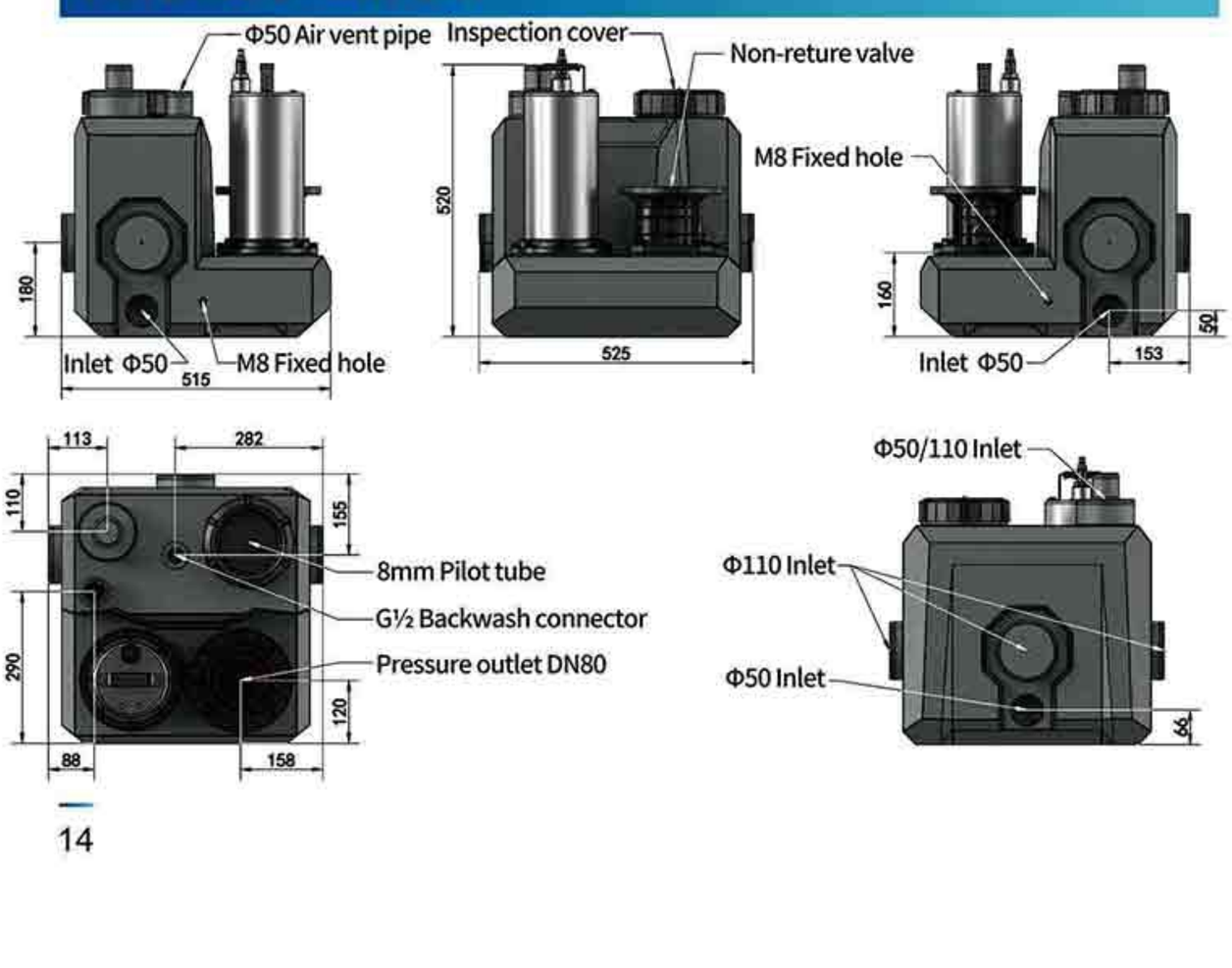
/APPLICATION

- Sewage discharge from private basement’ s bathrooms and kitchens in villas and large flat layer.
- Sewage discharge from restrooms and operation rooms in newly built and reconstructed small commercial places.

/ TECHNICAL PARAMETERS

Type	NO.	P(Kw)	U(V)	I(A)	N (rpm)	Qmax (m^3/h)	Hmax (m)	Solids handing (mm)	Weigh (Kg)
VIZL-1500W	11011	1.5	220	8	2850	30	13	50	42
VIZL-1500W Fx	11015	1.5	220	8	2850	30	13	50	42
VIZL-1500D	11013	1.5	380	3	2850	30	13	50	42
VIZL-1500D Fx	11017	1.5	380	3	2850	30	13	50	42
VIZL-1000	11019	0.75	220	6	2850	24	12.5	50	35
VIZL-1000 Fx	11021	0.75	220	6	2850	24	12.5	50	35
VIZL-FX	13001	Special backwash kit for sewage lifting units, including special backwash head, special control valve and connectors							
VIZL-SS	13002	Water seepage detection kit, including 3.5m long electrode wire and monitoring probe							
VIZL-LS	13003	Water leakage detection kit, including 3.5m long electrode wire, monitoring probe and special control valve							

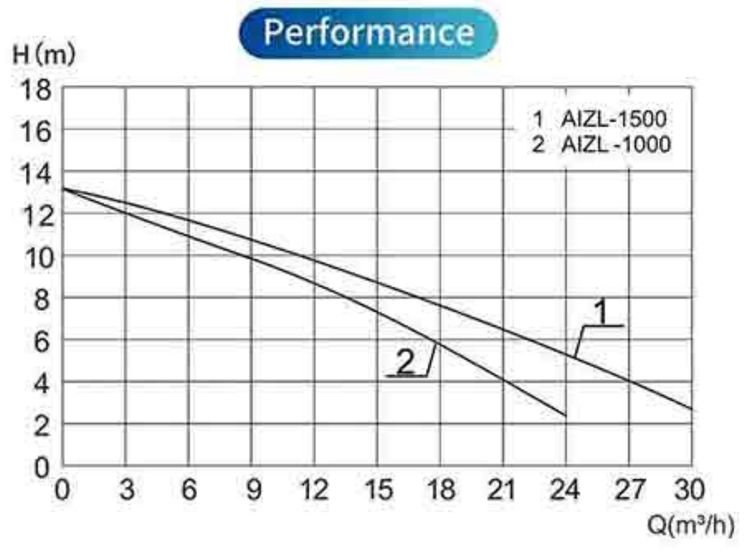
/ OVERALL DIMENSIONS



/ SCOPE OF SUPPLY

- PE water collection tank, integrated one-way valve, stainless steel oil-cooled water pump with 3.5m cable, water flexibleconnectors and fasteners, pressure outlet pipe kit, vents flexible connectors and fasteners and air pressure sensing tube
- Intelligent controller

Performance



INTELLIGENT SEWAGE LIFTING UNITS-EXTERNAL DOUBLE VORTEX PUMP

VIZL-1500 Double/VIZL-1000 Double



/CHARACTERISTIC

- S1 type motor, which can work continuously.
- External 50mm large-channel vortex pump to prevent blockage.
- Oil cooled 304 stainless steel motor which have low operation noise and longer service life.
- Intelligent controller, which can realize networking, remote control, debugging and alarming.
- HD touch screen makes display and control more convenient.
- Precise electronic pressure sensor, which can monitor accurate liquid level and avoid winding.
- Adopt double-end mechanical seal and 500ml oil chamber seal.
- Fully enclosed HDPE container with 210 liters capacity.
- The protection grade is IP68-fully immersed (except for the controller).
- Swing check valve with low noise.
- Φ 75 large channel liquid level detection sensor to avoid detection failure.
- 360 ° rotary high-pressure backwashing system (optional).
- Water seepage monitoring alarm and tap water closing linkage system (optional).
- Operation temperature max 60 °C, it can reach 90 °C in a short time.
- Inlets: 3 ×φ 110，3 ×φ 50，1 ×φ 50/110
- Vent: φ 75

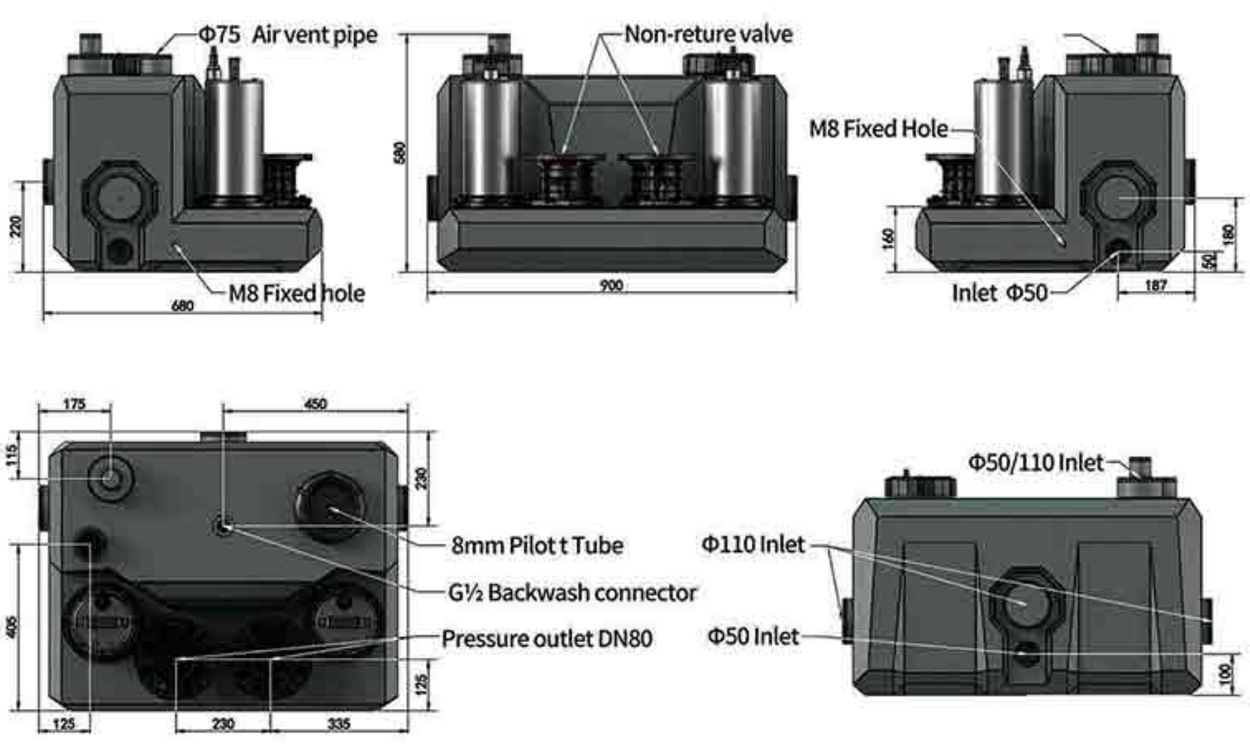
/APPLICATION

- Sewage discharge from private basement’ s bathrooms and kitchens in villas and large flat layer.
- Sewage discharge from restrooms and operation rooms in newly built and reconstructed small commercial places.

/ TECHNICAL PARAMETERS

Type	NO.	P(Kw)	U(V)	I(A)	N (rpm)	Qmax (m^3/h)	Hmax (m)	Solids handing (mm)	Weigh (Kg)
VIZL-1500W Double	11012	1.5	220	8	2850	30	13	50	77
VIZL-1500W Double Fx	11016	1.5	220	8	2850	30	13	50	77
VIZL-1500D Double	11014	1.5	380	3	2850	30	13	50	77
VIZL-1500D Double Fx	11018	1.5	380	3	2850	30	13	50	77
VIZL-1000 Double	11020	0.75	220	6	2850	24	12.5	50	64
VIZL-1000 Double Fx	11022	0.75	220	6	2850	24	12.5	50	64
VIZL-FX	13001	Special backwash kit for sewage lifting units, including special backwash head, special control valve and connectors							
VIZL-SS	13002	Water seepage detection kit, including 3.5m long electrode wire and monitoring probe							
VIZL-LS	13003	Water leakage detection kit, including 3.5m long electrode wire, monitoring probe and special control valve							

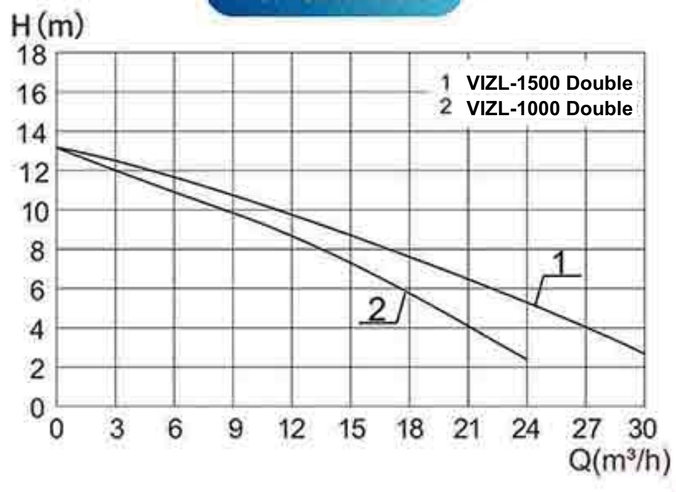
/ OVERALL DIMENSIONS



/ SCOPE OF SUPPLY

- PE water collection tank, integrated one-way valve, stainless steel oil-cooled water pump with 3.5m cable, water flexible connectors and fateners, Y-shaped pressure outlet pipe, ventilation flexible connectors and fasteners and air pressure sensing tube
- Intelligent controller

Performance



INTELLIGENT SEWAGE LIFTING UNITS -External single smashing cutter pump

VIZL-SC750



/ CHARACTERISTIC

- S1 type motor, which can work continuously.
- External smashing cutter pump to prevent blockage.
- Oil cooled 304 stainless steel motor which have low operation noise and longer service life.
- Magnetic pneumatic valve, closed when not in use, anti-odor.
- Intelligent AIZL-ICM controller, which can realize networking, remote control, debugging and alarming.
- HD touch screen makes display and control more convenient.
- Precise electronic pressure sensor, which can monitor accurate liquid level and avoid winding.
- Adopt double-end mechanical seal and 500ml oil chamber seal.
- Fully enclosed HDPE container with 21 liters capacity.
- The protection grade is IP68-fully immersed (except for the controller).
- Swing check valve with low noise.
- Φ 75 large channel liquid level detection sensor to avoid detection failure.
- Operation temperature max 60 °C, it can reach 90 °C in a short time.
- Inlets: 2 ×ϕ 110，2 ×ϕ 50

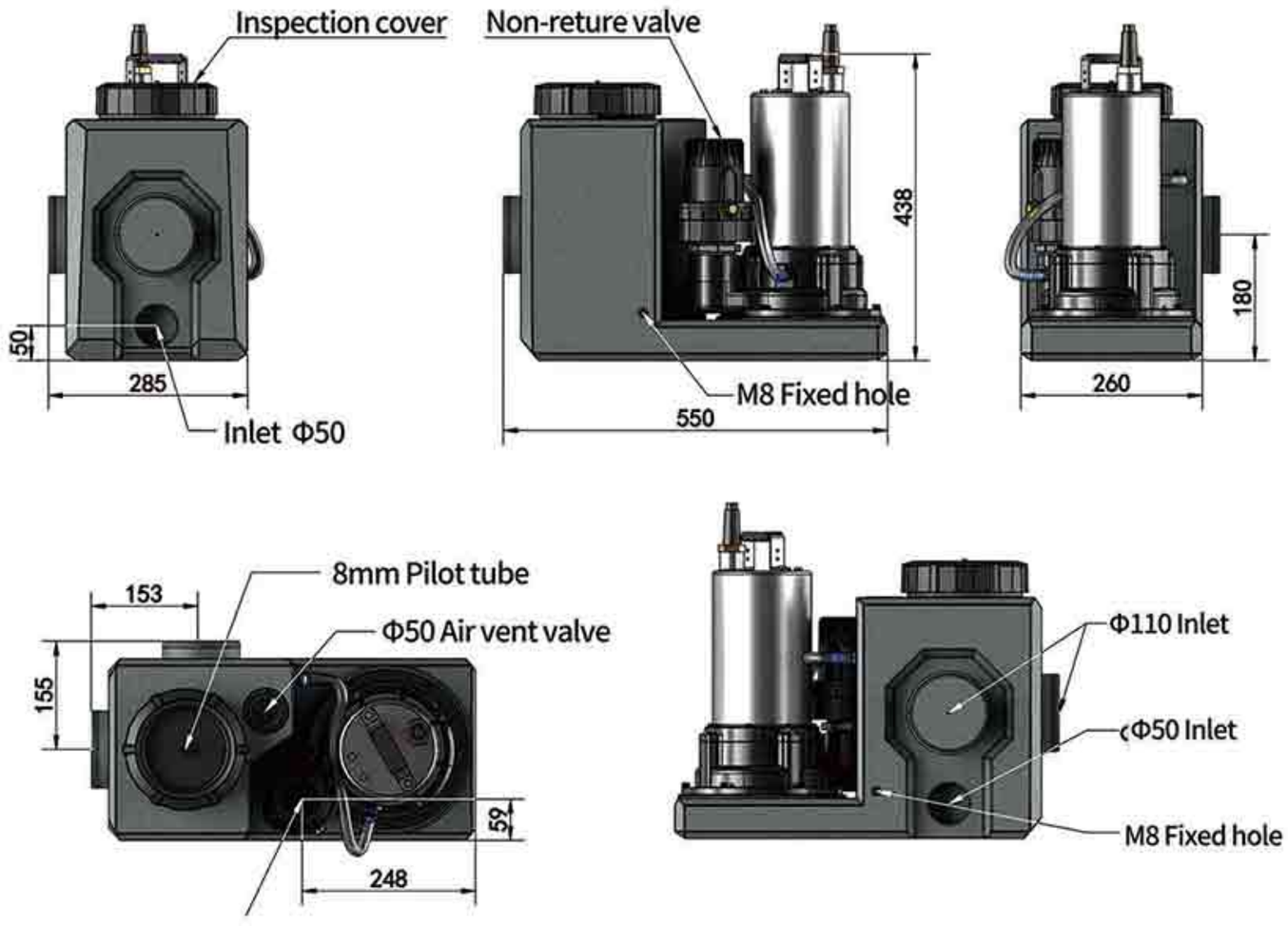
/ APPLICATION

- Sewage discharge from private basement’ s bathrooms and kitchens in villas and large flat layer.

/ TECHNICAL PARAMETERS

Type	NO.	P(Kw)	U(V)	I(A)	N (rpm)	Qmax (m^3/h)	Hmax (m)	Weight (Kg)
VIZL-SC750W	12001	0.75	220	7	2850	18	16	36

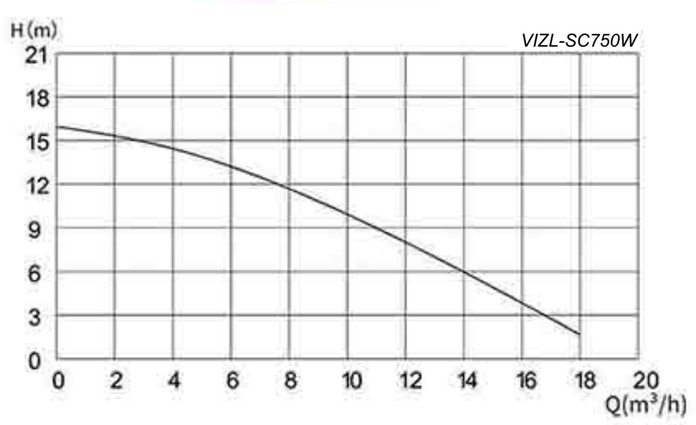
/ OVERALL DIMENSIONS



/ SCOPE OF SUPPLY

- PE water collection tank, integrated one-way valve, stainless steel oil-cooled water pump with 3.5m cable, water flexible connectors and fasteners and air pressure sensing tube
- VIZL-ICM intelligent controller

Performance



INTELLIGENT SEWAGE LIFTING UNITS -External double smashing cutter pump

VIZL-SC750 Double



/ CHARACTERISTIC

- S1 type motor, which can work continuously.
- 2 sets external smashing cutter pump to prevent blockage.
- Oil cooled 304 stainless steel motor which have low operation noise and longer service life.
- Intelligent VIZL-ICM controller, which can realize networking, remote control, debugging and alarming.
- HD touch screen makes display and control more convenient.
- Precise electronic pressure sensor, which can monitor accurate liquid level and avoid winding.
- Adopt double-end mechanical seal and 500ml oil chamber seal.
- Fully enclosed HDPE container with 60 liters capacity.
- The protection grade is IP68-fully immersed (except for the controller).
- Swing check valve with low noise.
- Φ 75 large channel liquid level detection sensor to avoid detection failure.
- 360 ° rotary high-pressure backwashing system (optional).
- Water seepage monitoring alarm and tap water closing linkage system (optional).
- Operation temperature max 60 °C, it can reach 90 °C in a short time.
- Inlets: 3 ×φ 110，3 ×φ 50，1 ×φ 50/110
- Vent: φ 50

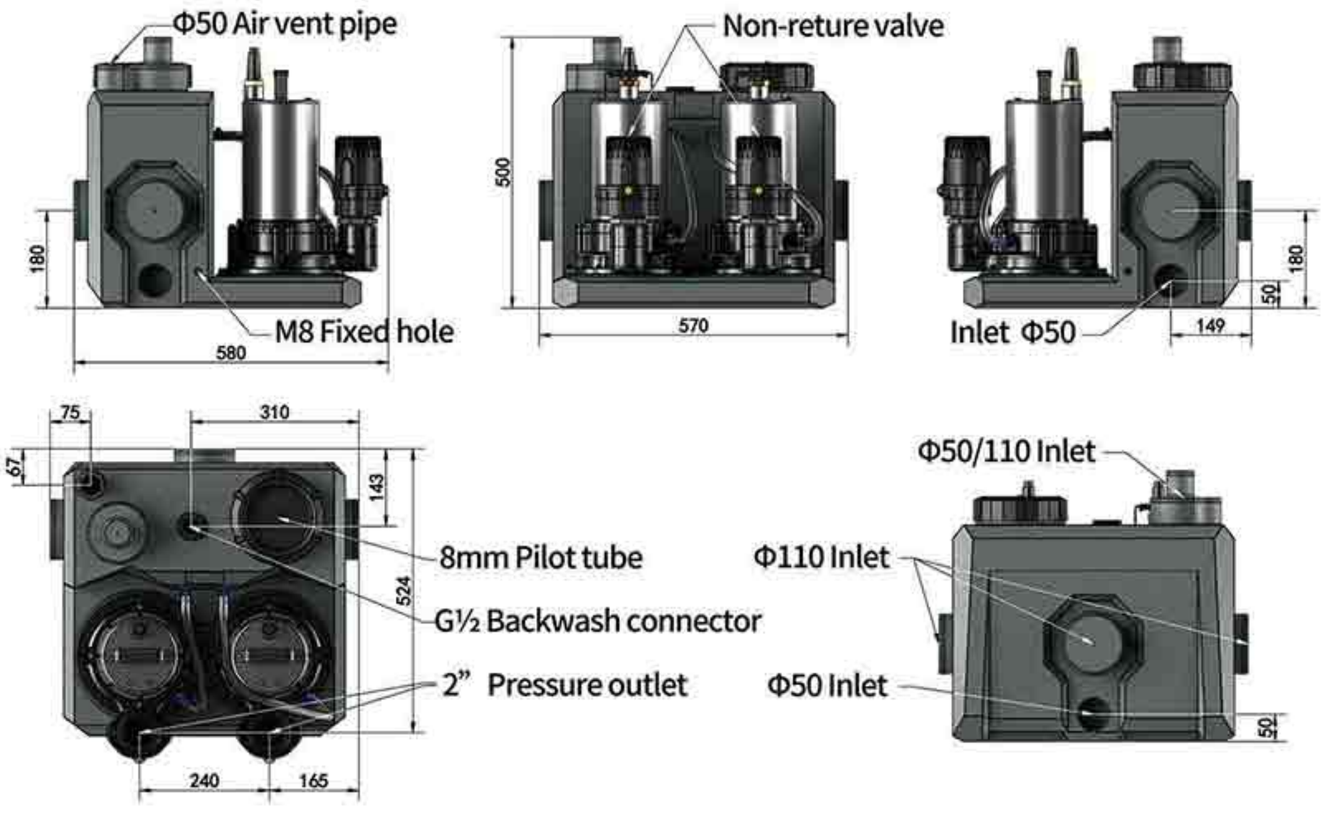
/ APPLICATION

- Sewage discharge from private basement’ s bathrooms and kitchens in villas and large flat layer.
- Sewage discharge from restrooms and operation rooms in newly built and reconstructed small commercial places.

/ TECHNICAL PARAMETERS

Type	NO.	P(Kw)	U(V)	I(A)	N (rpm)	Qmax (m^3/h)	Hmax (m)	Weight (Kg)
VIZL-SC750W Double	12002	0.75	220	7	2850	18	16	64
VIZL-SC750W Double FX	12004	0.75	220	7	2850	18	16	64
VIZL-FX	13001	Special backwash kit for sewage lifting units, including special backwash head, special control valve and connectors						
VIZL-SS	13002	Water seepage detection kit, including 3.5m long electrode wire and monitoring probe						
VIZL-LS	13003	Water leakage detection kit, including 3.5m long electrode wire, monitoring probe and special control valve						

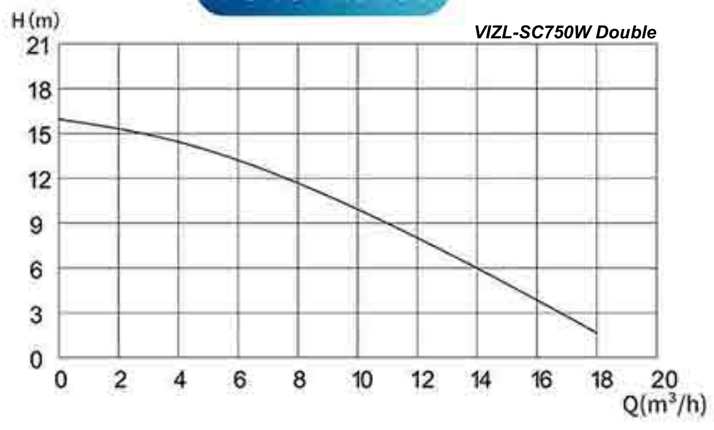
/ OVERALL DIMENSIONS



/ SCOPE OF SUPPLY

- PE water collection tank, integrated one-way valve, stainless steel oil-cooled water pump with 3.5m cable, water flexible connectors and fasteners, Y-shaped pressure outlet pipe, ventilation flexible connectors and fasteners and air pressure sensing tube
- VIZL-ICM intelligent controller

Performance



VERSA® PUMP

SEWAGE LIFTING UNITS

EXTERNAL SMASHING CUTTER PUMP

External Pump

304 stainless steel motor

IP68 Protection Grade

VIZL-SC

VIZL-SC adopts an external cutting pump with a powerful cutting and grinding system. It has the industry-leading S1 mode continuous-duty oil-cooled 304 stainless steel motor and unique technologies such as internal backwashing with high-pressure running water, water seepage and leakage monitoring, and WIFI cloud.

VERSA® PUMP

VIZL SC series cutting system

Both the cutter head and the blade are made of high-hardness quenched 9Cr18 alloy stainless steel, which can cut debris in sewage more than 130,000 times per minute to chop debris easily.

INTELLIGENT SEWAGE LIFTING UNITS -External single smashing cutter pump

VIZL-SC 1500 / VIZL-SC 1000



/ CHARACTERISTIC

- S1 type motor, which can work continuously.
- External smashing cutter pump to prevent blockage.
- Oil cooled 304 stainless steel motor which have low operation noise and longer service life.
- Intelligent controller, which can realize networking, remote control, debugging and alarming.
- HD touch screen makes display and control more convenient.
- Precise electronic pressure sensor, which can monitor accurate liquid level and avoid winding.
- Adopt double-end mechanical seal and 500ml oil chamber seal.
- Fully enclosed HDPE container with 60 liters capacity.
- The protection grade is IP68-fully immersed (except for the controller).
- Swing check valve with low noise.
- Φ 75 large channel liquid level detection sensor to avoid detection failure.
- 360 ° rotary high-pressure backwashing system (optional).
- Water seepage monitoring alarm and tap water closing linkage system (optional).
- Operation temperature max 60 °C, it can reach 90 °C in a short time.
- Inlets: 3 ×ϕ 110，3 ×ϕ 50，1 ×ϕ 50/110
- Vent: ϕ 50

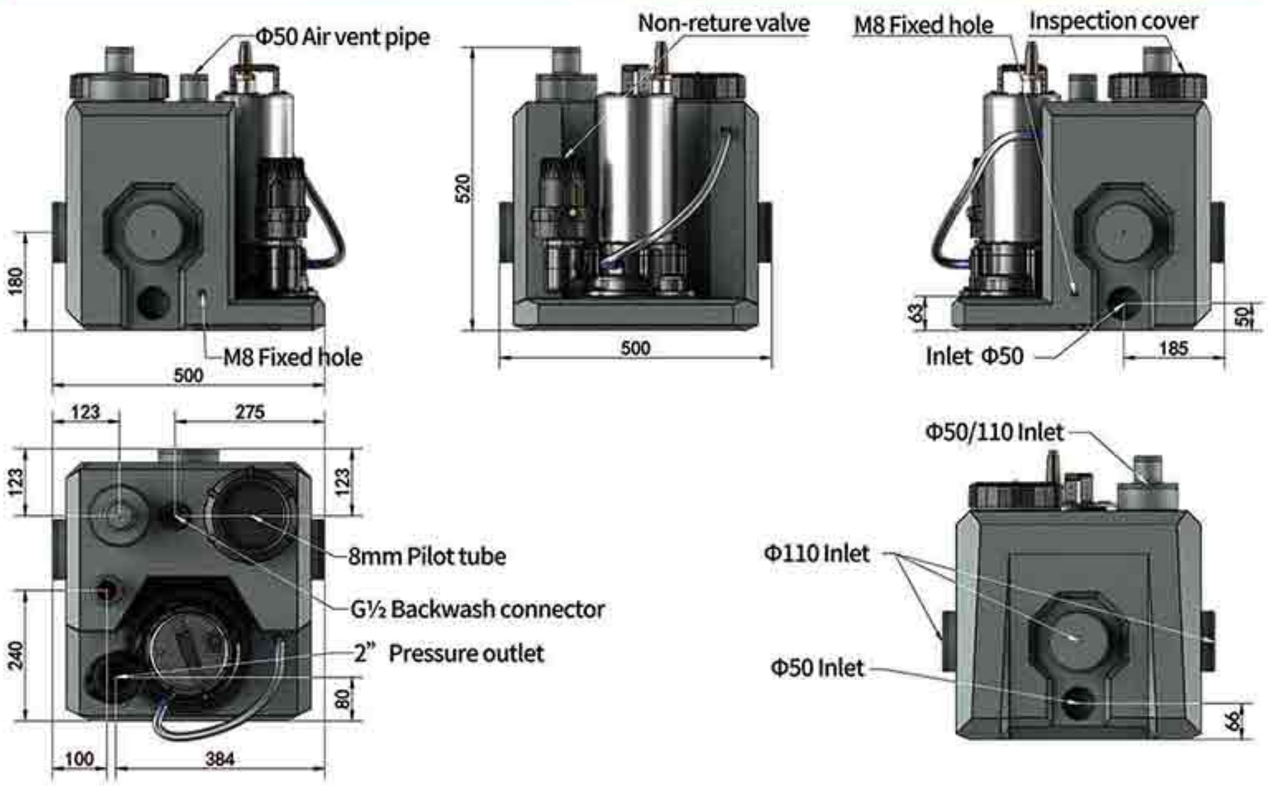
/ APPLICATION

- Sewage discharge from private basement’ s bathrooms and kitchens in villas and large flat layer.
- Sewage discharge from restrooms and operation rooms in newly built and reconstructed small commercial places.

/ TECHNICAL PARAMETERS

Type	NO.	P(Kw)	U(V)	I(A)	N (rpm)	Qmax (m^3/h)	Hmax (m)	Weight (Kg)
VIZL-SC 1500W	12011	1.5	220	9.5	2850	19	20	47
VIZL-SC 1500W Fx	015	1.5	220	9.5	2850	19	20	47
VIZL-SC 1500D	12013	1.5	380	3	2850	19	20	47
VIZL-SC 1500D Fx	017	1.5	380	3	2850	19	20	47
VIZL-SC 1000	12019	0.75	220	7	2850	18	16	42
VIZL-SC 1000 Fx	12021	0.75	220	7	2850	18	16	42
VIZL-FX	13001	Special backwash kit for sewage lifting units, including special backwash head, special control valve and connectors						
VIZL-SS	13002	Water seepage detection kit, including 3.5m long electrode wire and monitoring probe						
VIZL-LS	13003	Water leakage detection kit, including 3.5m long electrode wire, monitoring probe and special control valve						

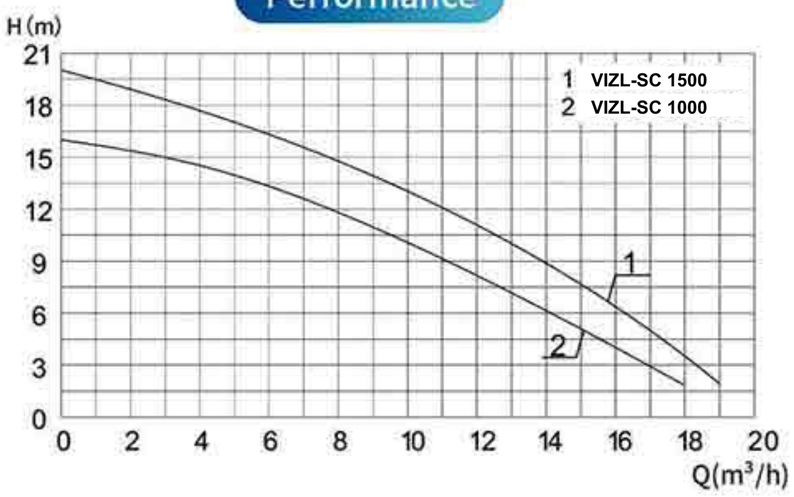
/ OVERALL DIMENSIONS



/ SCOPE OF SUPPLY

- PE water collection tank, integrated one-way valve, stainless steel oil-cooled water pump with 3.5m cable, water flexible connectors and fasteners, ventilation flexible connectors and fasteners and air pressure sensing tube.
- Intelligent controller

Performance



VERSA® PUMP

SEWAGE LIFTING UNITS-DOUBLE SMASH CUTTING PUMP

QUALITY CREATING CLASSICS

INTELLIGENT SEWAGE LIFTING UNITS -External double smashing cutter pump

VIZL-SC 1500 Double
VIZL-SC 1000 Double



/CHARACTERISTIC

- S1 type motor, which can work continuously.
- External smashing cutter pump to prevent blockage.
- Oil cooled 304 stainless steel motor which have low operation noise and longer service life.
- Intelligent controller, which can realize networking, remote control, debugging and alarming.
- HD touch screen makes display and control more convenient.
- Precise electronic pressure sensor, which can monitor accurate liquid level and avoid winding.
- Adopt double-end mechanical seal and 500ml oil chamber seal.
- Fully enclosed HDPE container with 180 liters capacity.
- The protection grade is IP68-fully immersed (except for the controller).
- Swing check valve with low noise.
- Φ 75 large channel liquid level detection sensor to avoid detection failure.
- 360 ° rotary high-pressure backwashing system (optional).
- Water seepage monitoring alarm and tap water closing linkage system (optional).
- Operation temperature max 60 °C, it can reach 90 °C in a short time.
- Inlets: 3 ×ϕ 110，3 ×ϕ 50，1 ×ϕ 50/110
- Vent: ϕ 75

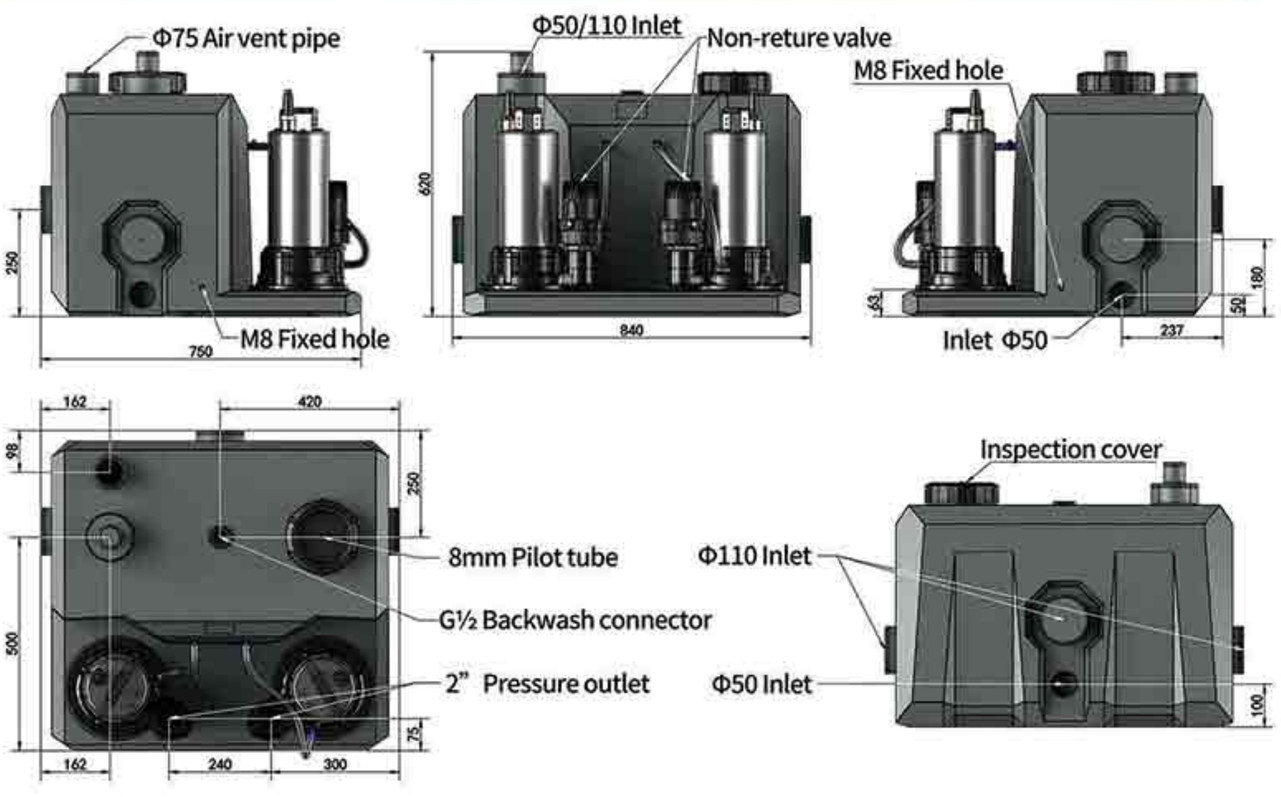
/APPLICATION

- Sewage discharge from private basement’ s bathrooms and kitchens in villas and large flat layer.
- Sewage discharge from restrooms and operation rooms in newly built and reconstructed small commercial places.
- Sewage discharge from restrooms and operation rooms in large commercial places such as shopping malls, hotels, hospitals, cinemas, etc.

/ TECHNICAL PARAMETERS

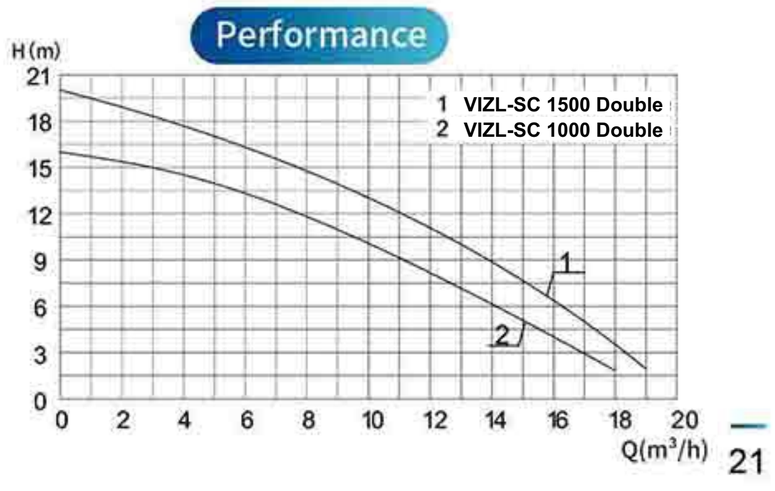
Type	NO.	P(Kw)	U(V)	I(A)	N (rpm)	Qmax (m^3/h)	Hmax (m)	Weight (Kg)
VIZL-SC 1500W Double	12012	1.5	220	9.5	2850	19	20	88
VIZL-SC 1500W Double Fx	12016	1.5	220	9.5	2850	19	20	88
VIZL-SC 1500D Double	12014	1.5	380	3	2850	19	20	88
VIZL-SC 1500D Double Fx	12018	1.5	380	3	2850	19	20	88
VIZL-SC 1000 Double	12020	0.75	220	7	2850	18	16	78
VIZL-SC 1000 Double Fx	12022	0.75	220	7	2850	18	16	78
VIZL-FX	13001	Special backwash kit for sewage lifting units, including special backwash head, special control valve and connectors						
VIZL-SS	13002	Water seepage detection kit, including 3.5m long electrode wire and monitoring probe						
VIZL-LS	13003	Water leakage detection kit, including 3.5m long electrode wire, monitoring probe and special control valve						

/ OVERALL DIMENSIONS



/ SCOPE OF SUPPLY

- PE water collection tank, integrated one-way valve, stainless steel oil-cooled water pump with 3.5M cable, water flexible connectors and fasteners, Y-shaped pressure outlet pipe, ventilation flexible connectors and fasteners and air pressure sensing tube.
- Intelligent controller



VERSA® PUMP

HIDE BURIED SEWAGE LIFTING

Hidden Buried Sewage Lifting Units



/ CHARACTERISTIC

- Inside 2 sets Oil cooled 304 stainless steel motor which have low operation noise and longer service life.
- Buriable installation design, and the inspection cover on the top provides DIY, which is more beautiful and fashionable (also can be installed on the ground)
- Intelligent VIZL-ICM controller, which can realize networking, remote control, debugging and alarming.
- 150 L capacity with good looking design.
- Precise electronic pressure sensor, which can monitor accurate liquid level and avoid winding.
- 360 ° rotary high-pressure backwashing system (optional).
- Anti-floating base design of the bottom.
- Pressure outlet: ϕ50mm
- Inlets: 3 ×ϕ 110，3 ×ϕ 50,1xTop floor drain entering water
- Air vent: ϕ 50

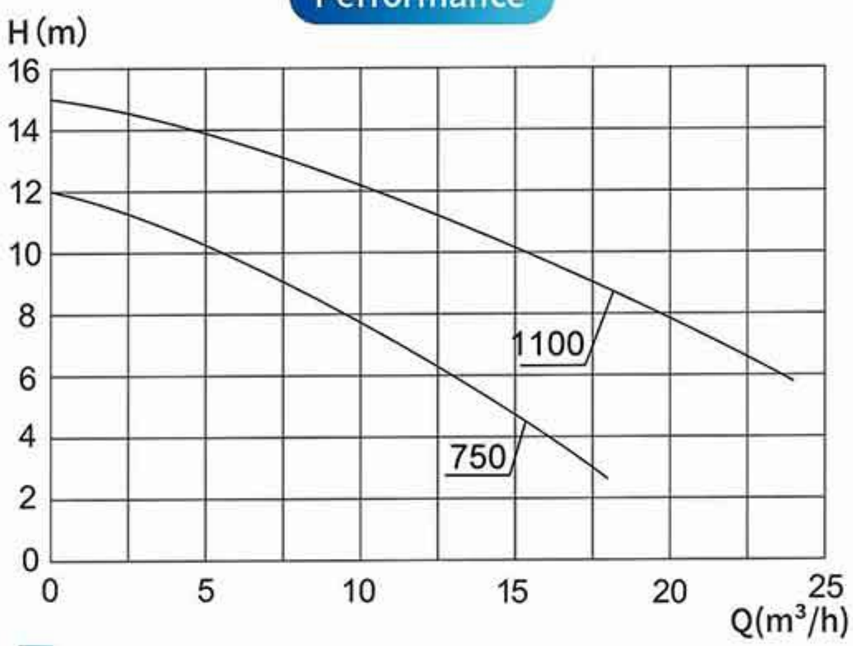
/ TECHNICAL PARAMETERS

Type	NO.	P(Kw)	U(V)	I(A)	N (rpm)	Qmax (m^3/h)	Hmax (m)	Solids handing (mm)	Weight (Kg)
VIZL-HB750	11090	0.75	220	3.1	2850	18	12	25	63.5
VIZL-HB1100	11094	1.1	220	5.8	2850	24	15	25	68

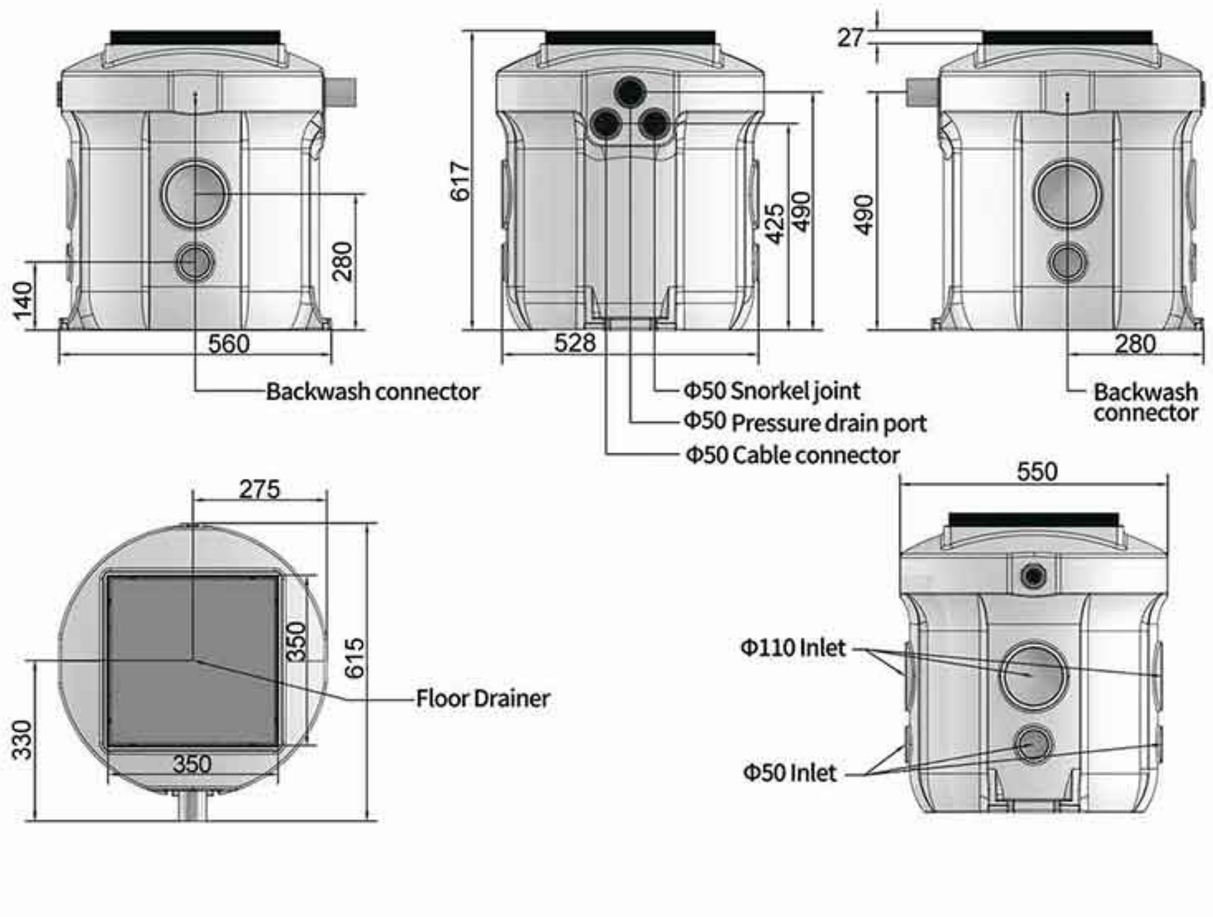
/ APPLICATION

- Drainage of rainwater in sunken courtyard and garden of villa
- Wastewater lifting discharge in kitchen, laundry and SPA areaa

Performance



/ OVERALL DIMENSIONS



STAINLESS STEEL SEWAGE PUMP

Stainless Steel Sewage Pump



/ CHARACTERISTIC

- The pump, impeller, motor shell and motor shaft are all made of 304 stainless steel
- Protection grade IP68, maximum diving depth 5m
- Solids handing : 40mm
- Pressure outlet: 2"/1½"
- Built-in winding thermal protection
- Mechanical seal adopts ceramic alloy
- 220V single-phase and 380V three-phase both ok
- Waterproof cable with plug: 8m
- S1 mode motor(support continuous operation)

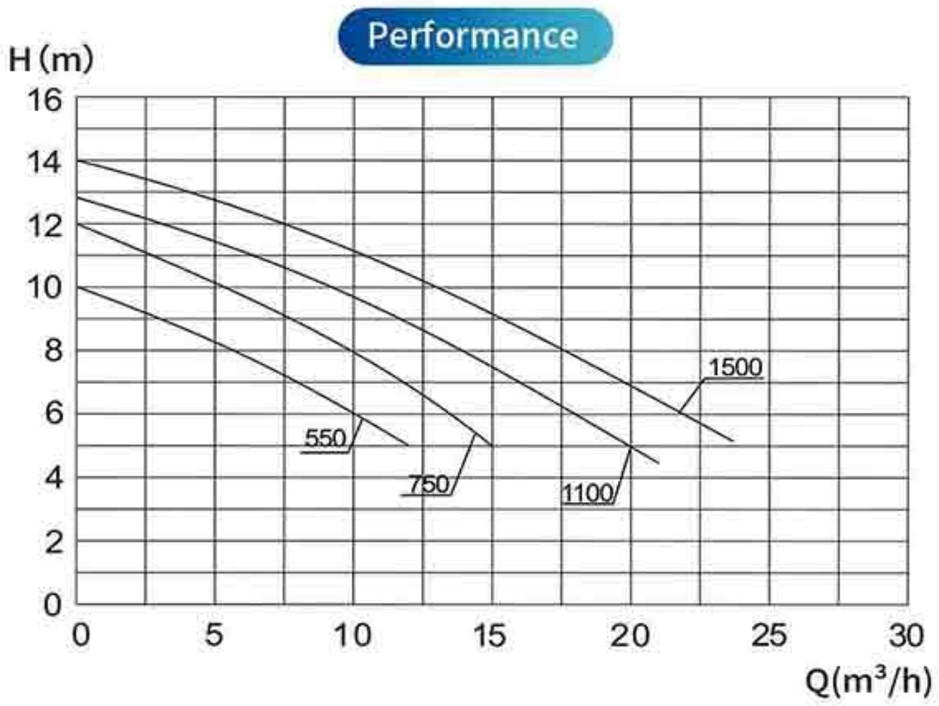
/ TECHNICAL PARAMETERS

Type	NO.	P(Kw)	U(V)	I(A)	N (rpm)	Qmax (m^3/h)	Hmax (m)	Solids handing (mm)	Weight (Kg)
VIZL-S55 W	15021	0.55	220	3.7	2850	12	10	40	11
VIZL-S75 W	15022	0.75	220	5	2850	15	12	40	12
VIZL-S110 W	15023	1.1	220	6.1	2850	21	12.8	40	13
VIZL-S150 W	15024	1.5	220	7.5	2850	23.5	14	40	15.7
VIZL-S150 D	15025	1.5	380	2.8	2850	23.5	14	40	15.7

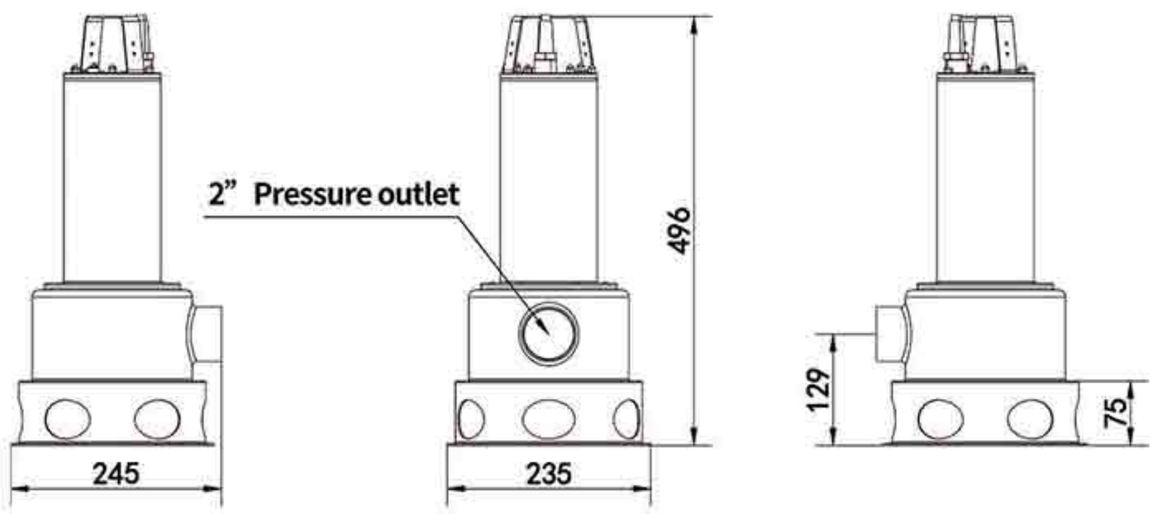
/ APPLICATION

Domestic sewage, wastewater, rainwater and surface water discharge.

Performance



/ OVERALL DIMENSIONS



Note: 1½" pressure outlet when 0.55KW and 0.75KW
2" pressure outlet when 1.1KW and 1.5KW

VERSA® PUMP

PORTABLE SEWAGE PUMP

Portable Sewage Pump



/ CHARACTERISTIC

- Protection grade IP68, can be completely submerged in water
- Built-in motor winding protection and overload protection
- Mechanical seal and additional shaft seal
- The pump, motor shell and motor shaft are all made of 304 stainless steel
- Cooling jacket single-phase motor
- Solids handing: 35mm
- 25mm hose or 1½"AG thread connection
- Match with automatic float switch
- Working temperature max: 40°C
- Waterproof cable: 10m

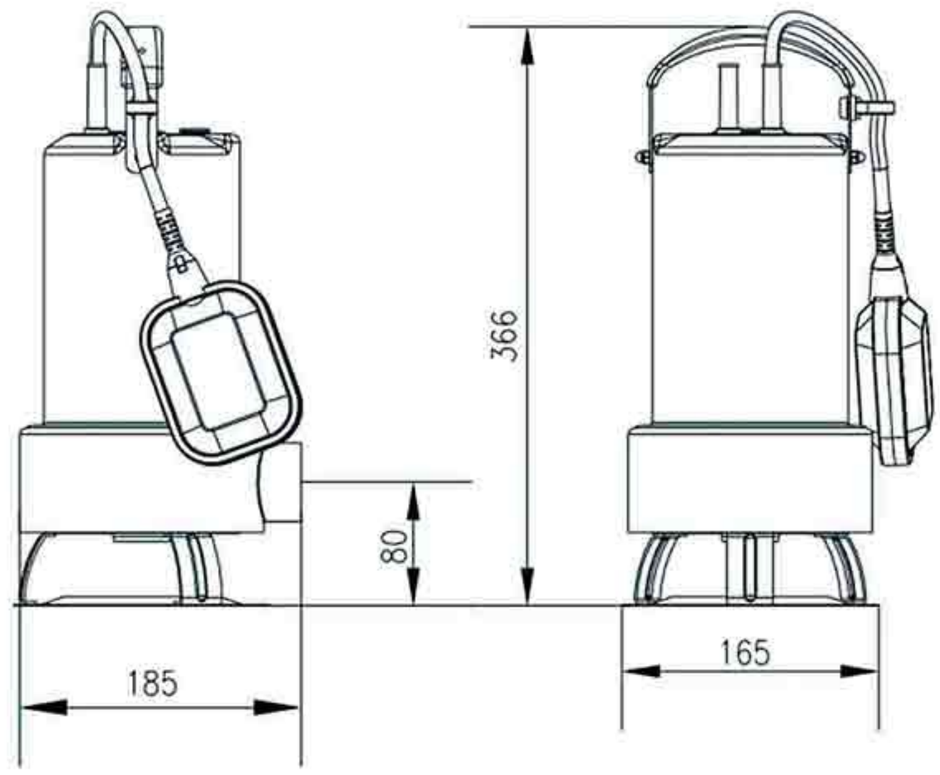
/ TECHNICAL PARAMETERS

Type	NO.	P(Kw)	U(V)	I(A)	N (rpm)	Qmax (m^3/h)	Hmax (m)	Solids handing (mm)	Weight(Kg)
VIZL-75	15001	0.75	220	6	2800	13	8	35	5.7
VIZL-75A	.5002	0.75	220	6	2800	13	8	35	6
VIZL-90	15003	0.9	220	7.2	2800	14	9	35	6.5
VIZL-90A	15004	0.9	220	7.2	2800	14	9	35	6.8

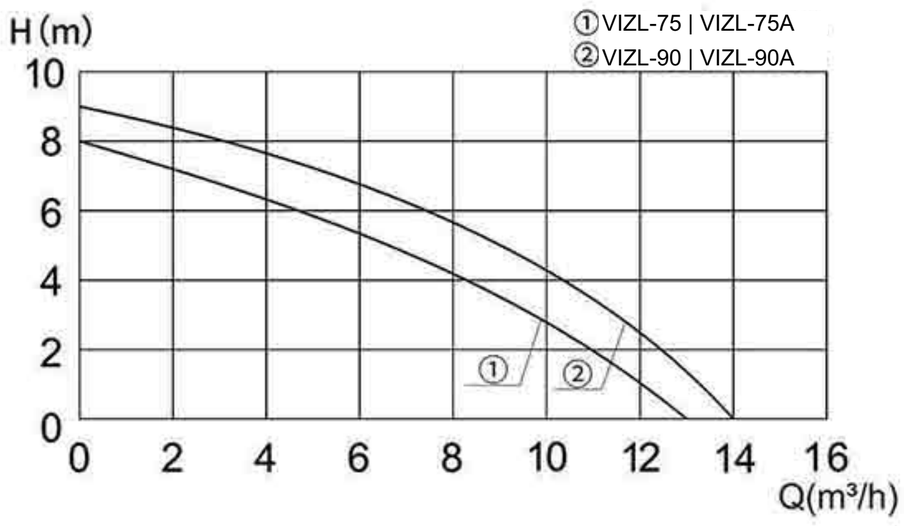
/ APPLICATION

- Drainage of waste water in pits, basement or wine cellar
- For emergency overflow protection and flood control, as a portable pump for emergency drainage
- Discharge domestic wastewater without feces, such as shower, washing machine, sink wastewater, etc.

/ OVERALL DIMENSIONS



Performance



LOW SUCKING PUMP

Low Sucking Pump



/ CHARACTERISTIC

- Low-suction pump designed with corrosion-resistant and impact-resistant plastic and stainless steel.
- Protection grade IP68, can be completely submerged in water.
- Built-in motor winding protection and overload protection.
- lip seal and additional shaft seal.
- Suction up to about 2mm.
- Cooling jacket single-phase motor.
- Solids handing: 5mm.
- Support both automatic and manual mode pumping.
- Integrated check valve.
- Working temperature max: 40°C.
- Waterproof cable: 10m
- 25mm hose or 1½"AG thread connection

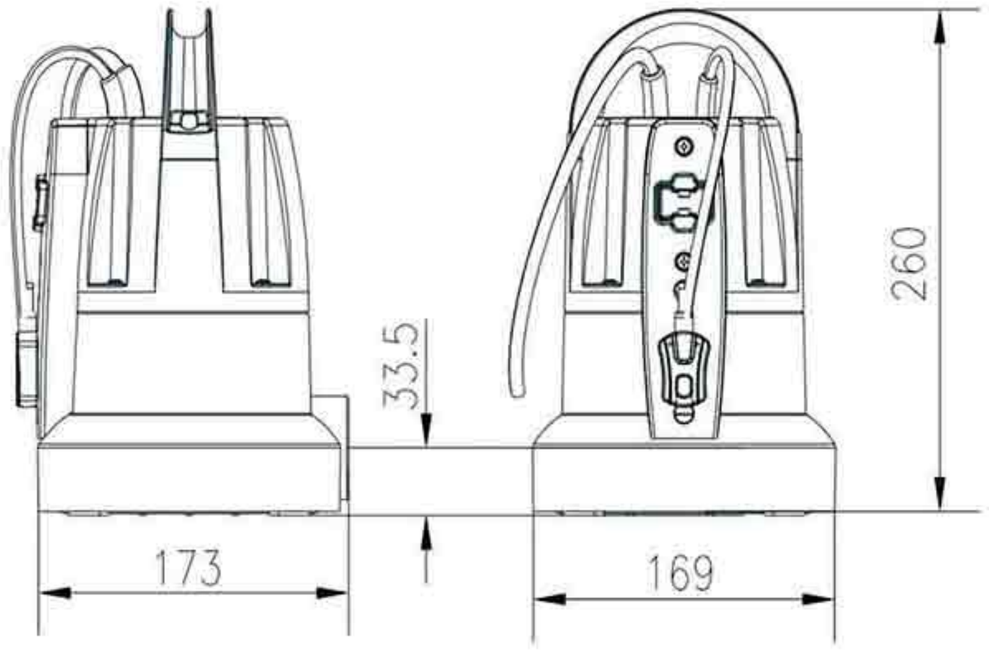
/ TECHNICAL PARAMETERS

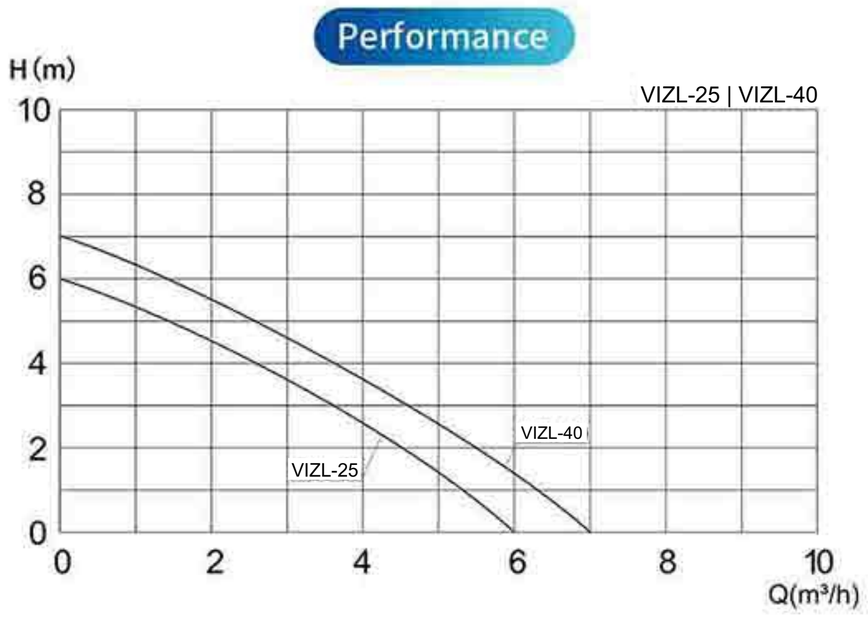
Type	NO.	P(Kw)	U(V)	I(A)	N (rpm)	Qmax (m^3/h)	Hmax (m)	Solids handing (mm)	Weight(Kg)
VIZL-25	15011	0.25	220	2	2800	6	6	5	3.9
VIZL-40	15012	0.40	220	3.2	2800	7	7	5	4.3

/ APPLICATION

- Discharge of clear water with particles less than 5mm, such as: basements, ponds and wells
- Portable water pump for emergency drainage

/ OVERALL DIMENSIONS





VERSA® PUMP