



CHINA · NINGBO

Chixiang Electromechanical Tech Co.,Ltd

中国 · 宁波驰翔机电科技有限公司



Ningbo Chixiang Electromechanical Tech Co.,Ltd

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Automatic Sewage Lifting device

Features

- Independent and reasonable appearance design
- Safety protection of high performance water and electricity separation
- Unique anti-winding protective structure
- Unique all-stainless steel movement in the industry
- Including a number of patented technologies
- High lift, large flow, low noise, strong function
- Stable performance, convenient maintenance and installation

External Sewage Lifting Station

Features

- Wide Range of Capacity Specifications: Available in various sizes to suit applications ranging from small residential basement bathrooms to large commercial and public venues.
- Durable & Eco-Friendly Material: The tank is constructed from corrosion-resistant, environmentally friendly Polyethylene (PE), ensuring excellent airtightness and long-term durability.
- Flexible Installation: Features multiple pre-formed inlet ports positioned in various directions to facilitate easy installation.
- Dual-Control Safety System: Utilizes a unique dual-level control system combining pneumatic (air pressure) and float ball mechanisms for doubled protection during operation.





ABOUT CHIXIANG

Ningbo CHIXIANG Electromechanical Tech Co., LTD is located in Ningbo Zone which is the coastal distribution base of Ningbo, near Xiangshan sea port. The transportation through land or sea is very convenient.

The company covers an area of 12,000 square meters, with a total construction area of 15,000 square meters. In recent years, we introduce the foreign advanced equipment and professional technology, independent research and design a series of automatic sewage lifting device. In the non-gravity drainage circumstance, it can treat all the non-corrosive type sewage. It collects toilet excreta, shower, washbasins and washing machine waste water and pump to main sewage treatment system. It also can be used for air conditioning condensate water collected and pumped to the drainage system, separated cutting device with cutting-type pump will shred the long fibrous impurities before pumped to the main sewage pipes.

Each of our production line can manufacture the sewage lifting device 80,000 sets per year. In addition to the domestic market, we also export to Europe, America and Southeast Asian countries with good reputation in the world. The company also produces hardware tools, auto parts, refrigeration parts, as well as all kinds of plastic products and mold manufacturing.

With honesty, we offer high quality product with competitive prices and sincerely hope to cooperate with worldwide customers. Common development, for a better tomorrow.

HONORARY CERTIFICATE

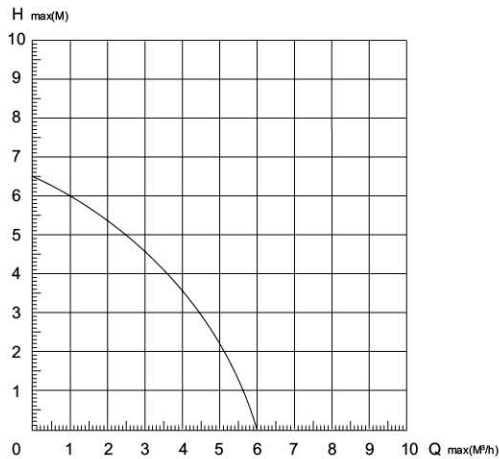
Excellent quality comes from strict and scientific production process. Chixiang always regards product quality as the life of the enterprise.





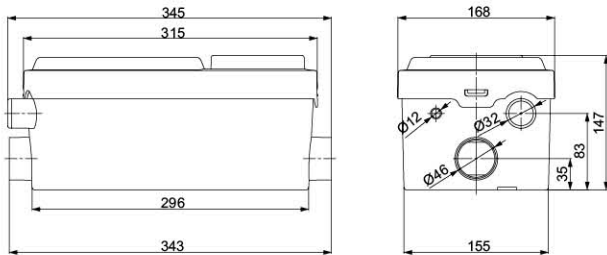
SPECIFICATION

Voltage	220V-240V 50HZ
Power consumption	300W
Insulation Class	F
Speed	2850RPM
Noise Level	< 45db
Enclosure Class	IP54
Sewage height(ON)	55mm
Sewage height(OFF)	25mm
Max Flow	100(L/min)
Max Lift	6.5M



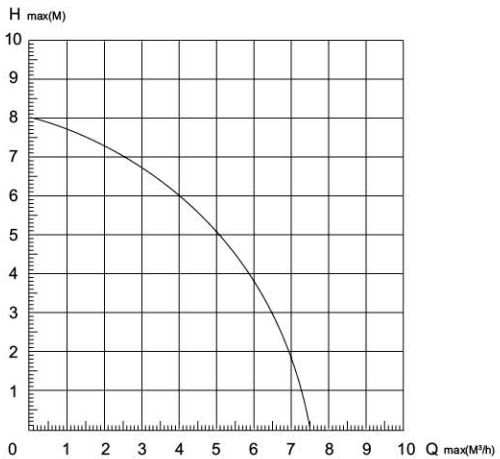
PACKAGE

QTY/CTN	1 PCS/CTN
G.W/N.W.	4.9 / 4 KGS
CARTON SIZE	36 X 24 X 20CM
20GP	1766 PCS
40GP	3656 PCS
40HQ	4127 PCS



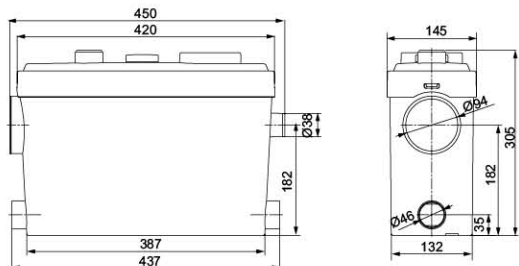
SPECIFICATION

Voltage	220V-240V 50HZ
Power consumption	450W
Insulation Class	F
Speed	2850RPM
Noise Level	< 45db
Enclosure Class	IP55
Sewage height(ON)	75mm
Sewage height(OFF)	35mm
Max Flow	125(L/min)
Max Lift	8M



PACKAGE

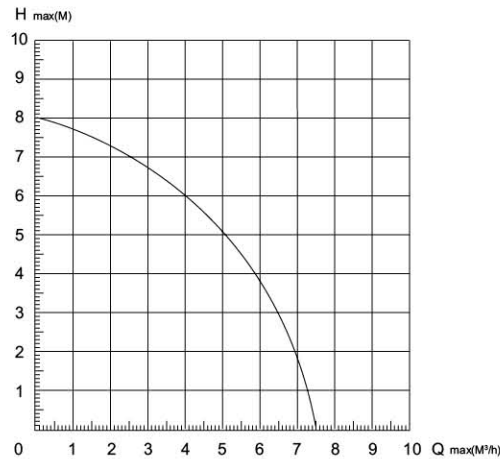
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CARTON SIZE	46.3 X 21.2 X 35CM
20GP	900 PCS
40GP	1878 PCS
40HQ	2165 PCS





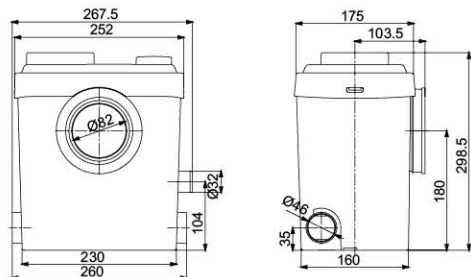
SPECIFICATION

Voltage	220V-240V 50HZ
Power consumption	450W
Insulation Class	F
Speed	2850RPM
Noise Level	< 45db
Enclosure Class	IP55
Sewage height(ON)	80mm
Sewage height(OFF)	30mm
Max Flow	125(L/min)
Max Lift	8M



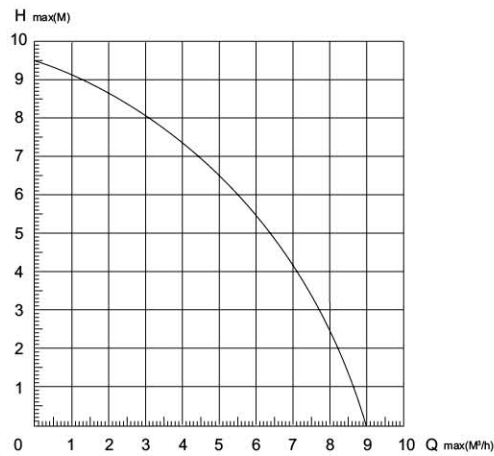
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QTY/CTN	1 PCS/CTN
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CARTON SIZE	28.5 X 23.1 X 35CM
20GP	1330 PCS
40GP	2914 PCS
40HQ	3282 PCS



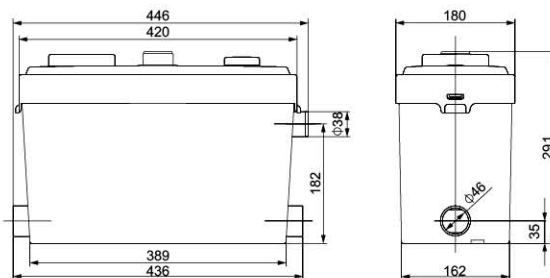
SPECIFICATION

Voltage	220V-240V 50HZ
Power consumption	550W
Insulation Class	F
Speed	2850RPM
Noise Level	< 45db
Enclosure Class	IP55
Sewage height(ON)	65mm
Sewage height(OFF)	35mm
Max Flow	150(L/min)
Max Lift	9.5M
Max Temperature	90°



PACKAGE

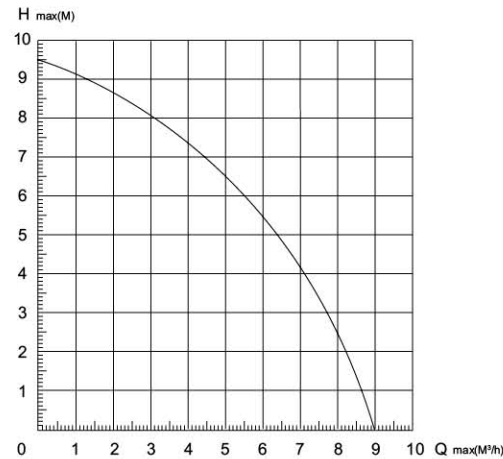
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20GP	756 PCS
40GP	1556 PCS
40HQ	1765 PCS





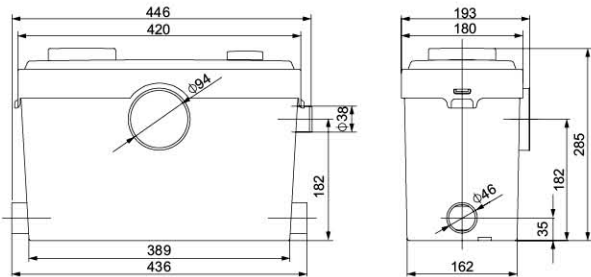
SPECIFICATION

Voltage	220V-240V 50HZ
Power consumption	600W
Insulation Class	F
Speed	2850RPM
Noise Level	< 45db
Enclosure Class	IP55
Sewage height(ON)	65mm
Sewage height(OFF)	35mm
Max Flow	150(L/min)
Max Lift	9.5M



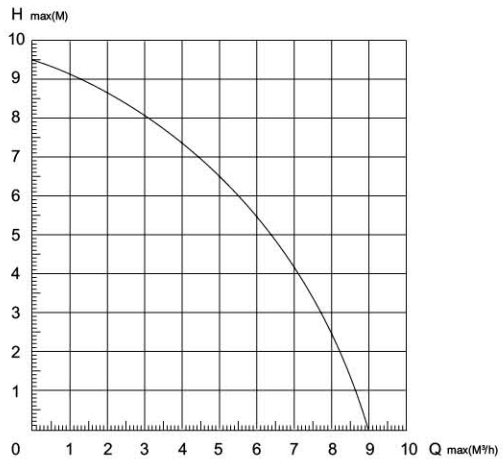
PACKAGE

QTY/CTN	1 PCS/CTN
G.W/N.W.	7.5 / 6.5 KGS
CARTON SIZE	46.2 X 25.4 X 35.1CM
20GP	756 PCS
40GP	1556 PCS
40HQ	1765 PCS



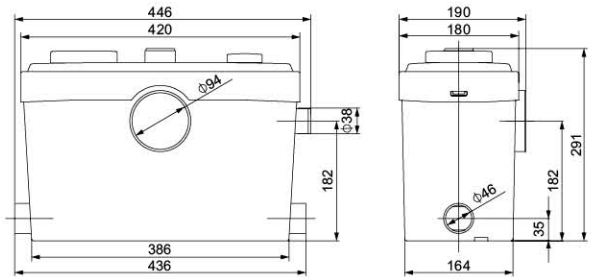
SPECIFICATION

Voltage	220V-240V 50HZ
Power consumption	600W
Insulation Class	F
Speed	2850RPM
Noise Level	< 45db
Enclosure Class	IP55
Sewage height(ON)	65mm
Sewage height(OFF)	35mm
Max Flow	150(L/min)
Max Lift	9.5M



PACKAGE

QTY/CTN	1 PCS/CTN
G.W/N.W.	7.5 / 6.5 KGS
CARTON SIZE	46.2 X 25.4 X 35.1CM
20GP	756 PCS
40GP	1556 PCS
40HQ	1765 PCS

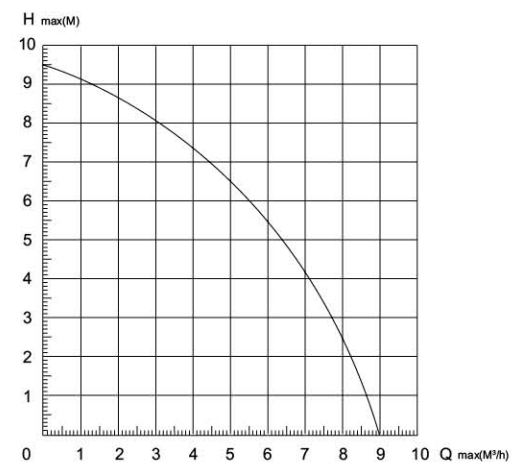




WL600E

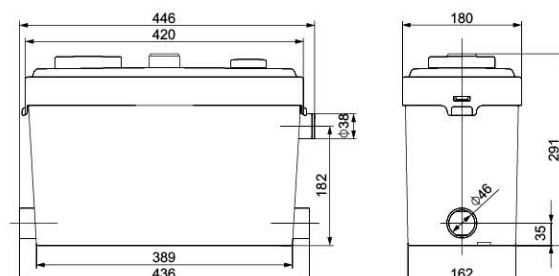
SPECIFICATION

Voltage	220V-240V 50HZ
Power consumption	600W
Insulation Class	F
Speed	2850RPM
Noise Level	< 45db
Enclosure Class	IP55
Sewage height(ON)	65mm
Sewage height(OFF)	35mm
Max Flow	150(L/min)
Max Lift	9.5M



PACKAGE

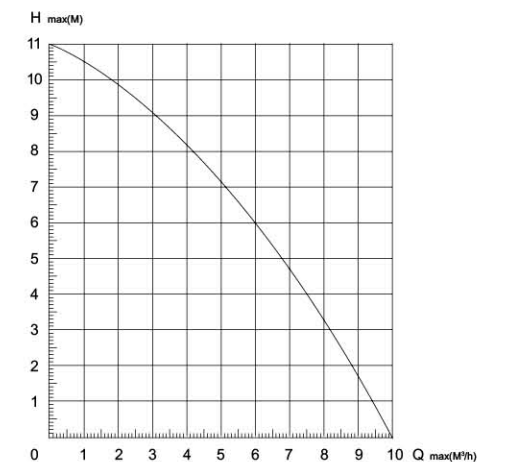
QTY/CTN	1 PCS/CTN
G.W/N.W.	7.5 / 6.5 KGS
CARTON SIZE	46.2 X 25.4 X 35.1CM
20GP	756 PCS
40GP	1556 PCS
40HQ	1765 PCS



WL750A

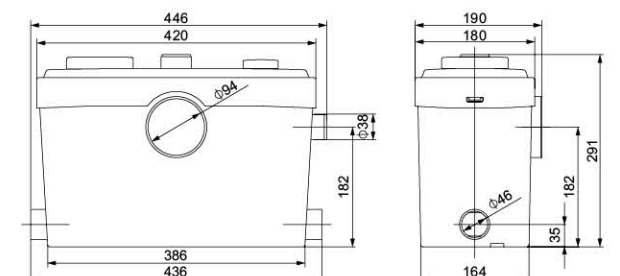
SPECIFICATION

Voltage	220V-240V 50HZ
Power consumption	750W
Insulation Class	F
Speed	2850RPM
Noise Level	< 45db
Enclosure Class	IP55
Sewage height(ON)	65mm
Sewage height(OFF)	35mm
Max Flow	165(L/min)
Max Lift	11M



PACKAGE

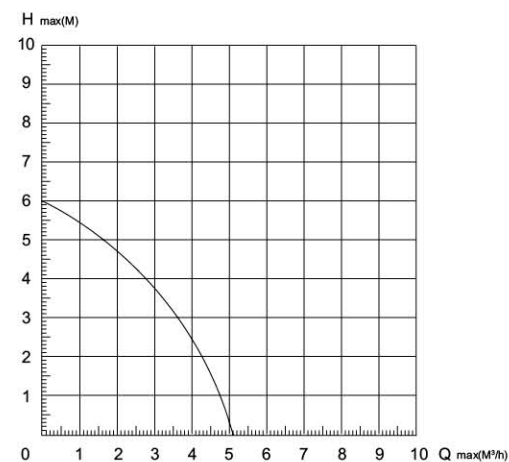
QTY/CTN	1 PCS/CTN
G.W/N.W.	7.6 / 6.6 KGS
CARTON SIZE	46.2 X 25.4 X 35.1CM
20GP	756 PCS
40GP	1556 PCS
40HQ	1765 PCS





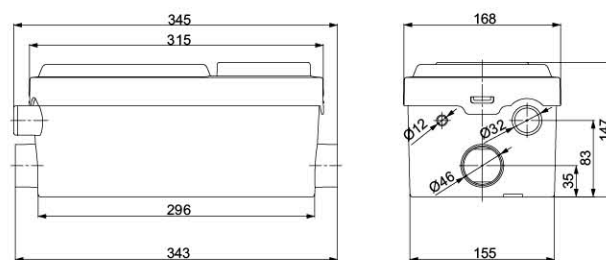
SPECIFICATION

Voltage	110V 60HZ
Power consumption	300W
Insulation Class	F
Speed	3450RPM
Noise Level	< 45db
Enclosure Class	IP54
Sewage height(ON)	55mm
Sewage height(OFF)	25mm
Max Flow	85(L/min)
Max Lift	6M



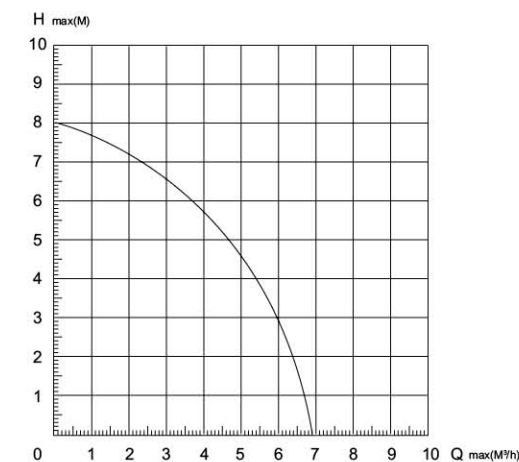
PACKAGE

QTY/CTN	1 PCS/CTN
G.W/N.W.	4.9/4 KGS
CARTON SIZE	36 X 24 X 20CM
20GP	1766 PCS
40GP	3656 PCS
40HQ	4127 PCS



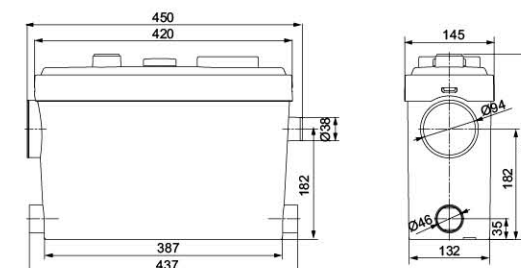
SPECIFICATION

Voltage	110V 60HZ
Power consumption	450W
Insulation Class	F
Speed	3450RPM
Noise Level	< 45db
Enclosure Class	IP55
Sewage height(ON)	75mm
Sewage height(OFF)	35mm
Max Flow	115(L/min)
Max Lift	8M



PACKAGE

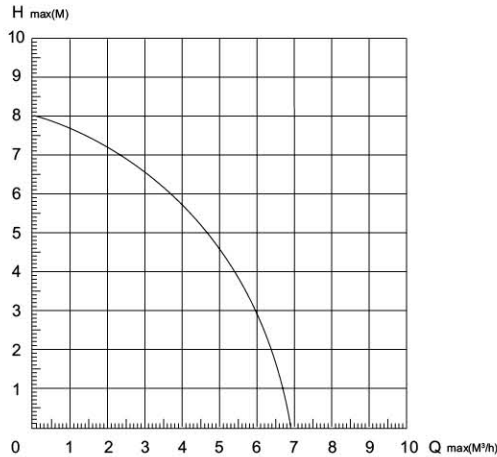
QTY/CTN	1 PCS/CTN
G.W/N.W.	6.8 / 5.8 KGS
CARTON SIZE	46.3 X 21.2 X 35CM
20GP	900 PCS
40GP	1878 PCS
40HQ	2165 PCS





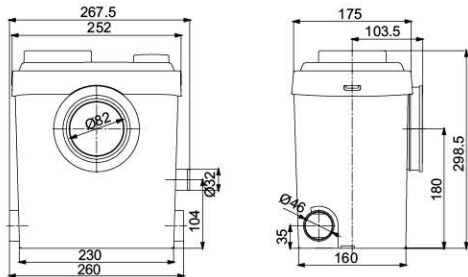
SPECIFICATION

Voltage	110V 60HZ
Power consumption	450W
Insulation Class	F
Speed	3450RPM
Noise Level	< 45db
Enclosure Class	IP55
Sewage height(ON)	80mm
Sewage height(OFF)	30mm
Max Flow	115(L/min)
Max Lift	8M



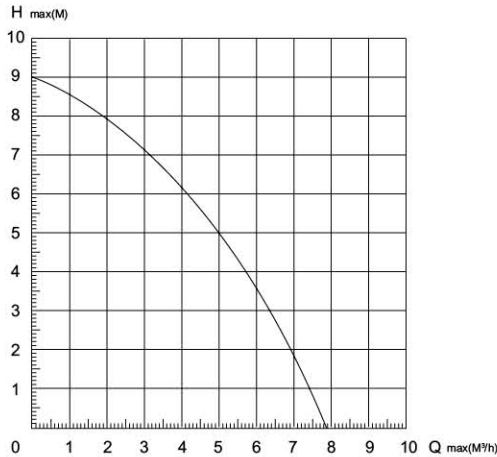
PACKAGE

QTY/CTN	1 PCS/CTN
G.W/N.W.	6 / 5.2 KGS
CARTON SIZE	28.5 X 23.1 X 35CM
20GP	1330 PCS
40GP	2914 PCS
40HQ	3282 PCS



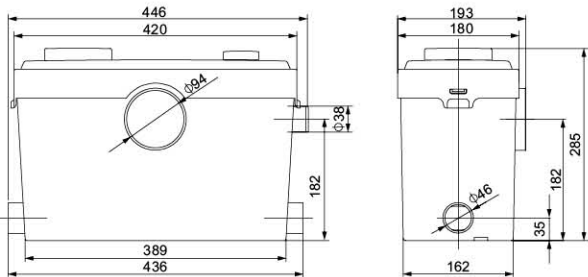
SPECIFICATION

Voltage	110V 60HZ
Power consumption	600W
Insulation Class	F
Speed	3450RPM
Noise Level	< 45db
Enclosure Class	IP55
Sewage height(ON)	65mm
Sewage height(OFF)	35mm
Max Flow	130(L/min)
Max Lift	9M



PACKAGE

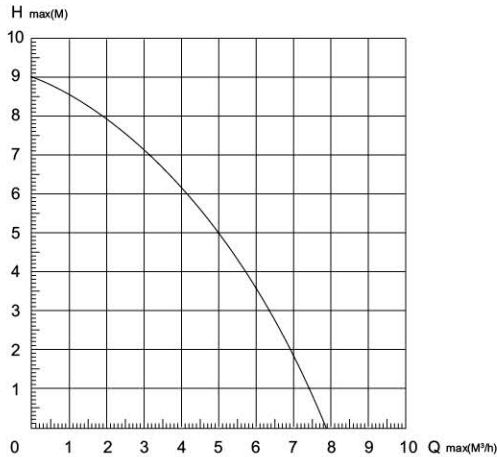
QTY/CTN	1 PCS/CTN
G.W/N.W.	7.5 / 6.5 KGS
CARTON SIZE	46.2 X 25.4 X 35.1CM
20GP	756 PCS
40GP	1556 PCS
40HQ	1765 PCS





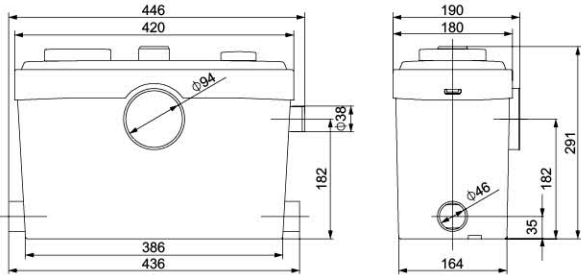
SPECIFICATION

Voltage	110V 60HZ
Power consumption	600W
Insulation Class	F
Speed	3450RPM
Noise Level	< 45db
Enclosure Class	IP55
Sewage height(ON)	65mm
Sewage height(OFF)	35mm
Max Flow	130(L/min)
Max Lift	9M



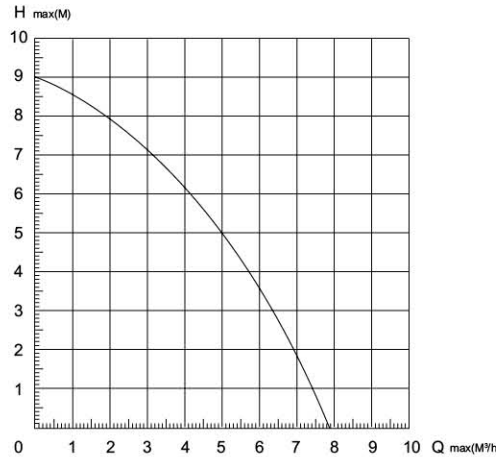
PACKAGE

QTY/CTN	1 PCS/CTN
G.W/N.W.	7.5 / 6.5 KGS
CARTON SIZE	46.2 X 25.4 X 35.1CM
20GP	756 PCS
40GP	1556 PCS
40HQ	1765 PCS



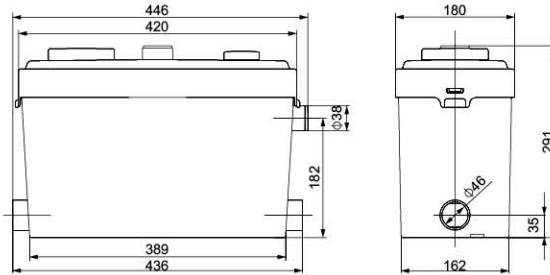
SPECIFICATION

Voltage	110V 60HZ
Power consumption	600W
Insulation Class	F
Speed	3450RPM
Noise Level	< 45db
Enclosure Class	IP55
Sewage height(ON)	65mm
Sewage height(OFF)	35mm
Max Flow	130(L/min)
Max Lift	9M



PACKAGE

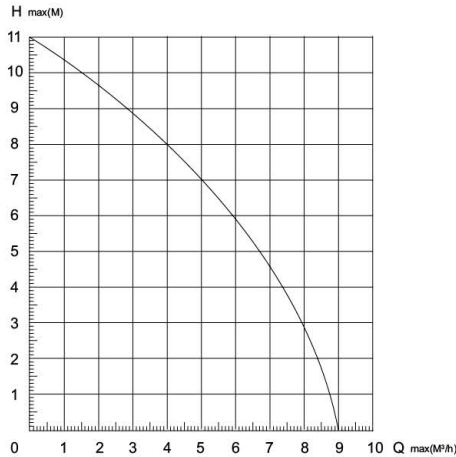
QTY/CTN	1 PCS/CTN
G.W/N.W.	7.5 / 6.5 KGS
CARTON SIZE	46.2 X 25.4 X 35.1CM
20GP	756 PCS
40GP	1556 PCS
40HQ	1765 PCS





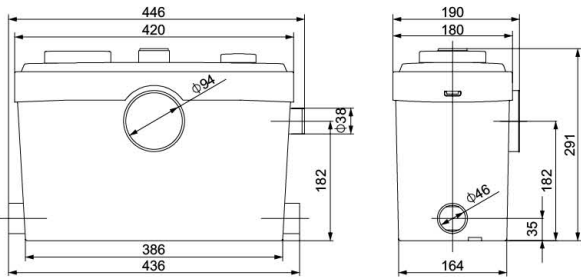
SPECIFICATION

Voltage	110V 60HZ
Power consumption	750W
Insulation Class	F
Speed	3450RPM
Noise Level	< 45db
Enclosure Class	IP55
Sewage height(ON)	65mm
Sewage height(OFF)	35mm
Max Flow	150(L/min)
Max Lift	11M



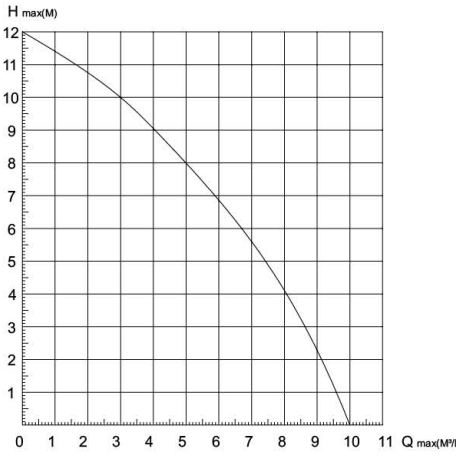
PACKAGE

QTY/CTN	1 PCS/CTN
G.W/N.W.	7.6 / 6.6 KGS
CARTON SIZE	46.2 X 25.4 X 35.1CM
20GP	756 PCS
40GP	1556 PCS
40HQ	1765 PCS



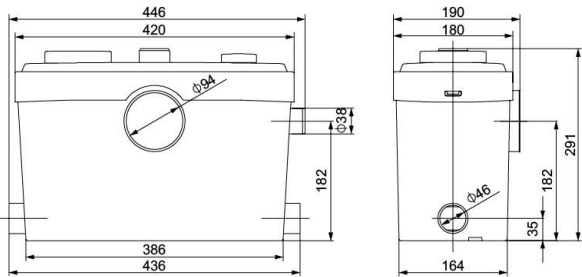
SPECIFICATION

Voltage	110V 60HZ
Power consumption	900W
Insulation Class	F
Speed	3450RPM
Noise Level	< 45db
Enclosure Class	IP55
Sewage height(ON)	65mm
Sewage height(OFF)	35mm
Max Flow	170(L/min)
Max Lift	12M



PACKAGE

QTY/CTN	1 PCS/CTN
G.W/N.W.	7.6 / 6.6 KGS
CARTON SIZE	46.2 X 25.4 X 35.1CM
20GP	756 PCS
40GP	1556 PCS
40HQ	1765 PCS

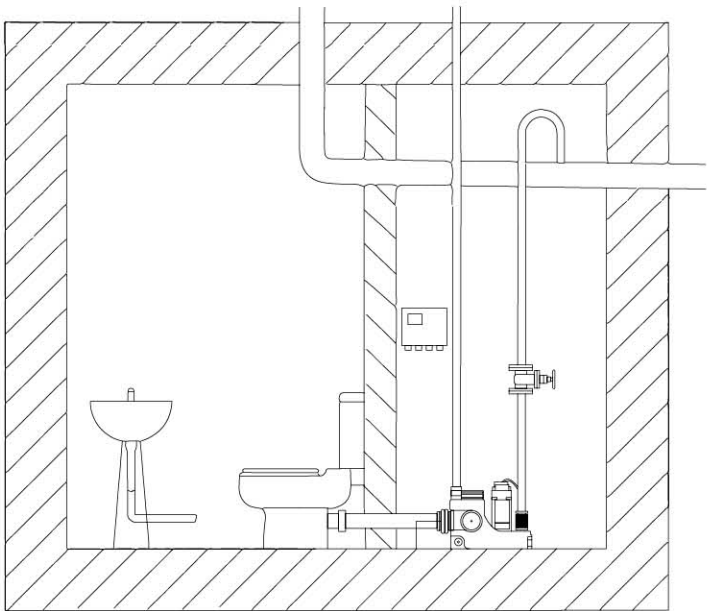




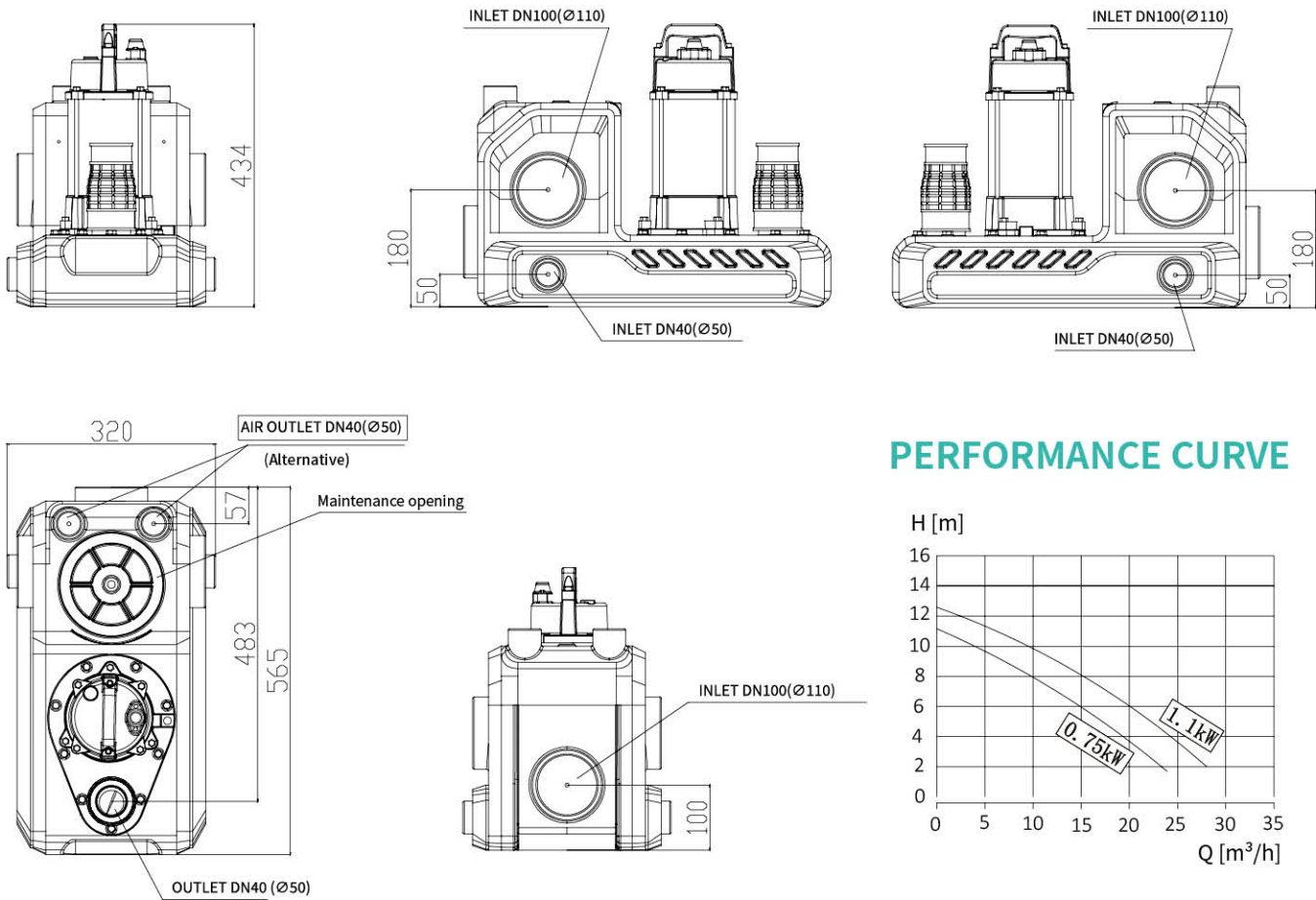
SPECIFICATION

Model	25 Series			
Pump Unit	Single			
Dimension (mm)	320x565x434			
Single phase	220V / 50HZ		380V / 50HZ	
Input P1 (W)	750	1100	750	1100
Max. Flow (m³/h)	27	32	27	32
Max. Head (m)	11	13	11	13
Control type	Pressure/float			
Class of protection-pump station	IP68			
Motor insulation class	F			
Maximum start-stop frequency of pump	60 pcs/h			
Free passage (mm)	35			
Tank capacity (L)	25			
Start level (cm)	15			
Stop level (cm)	9			
Dry-running noise (dB)	< 60			

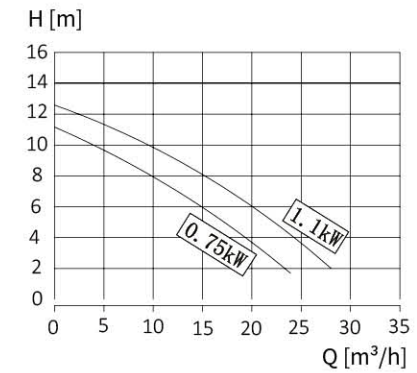
INSTALLATION DIAGRAM



DIMENSION



PERFORMANCE CURVE

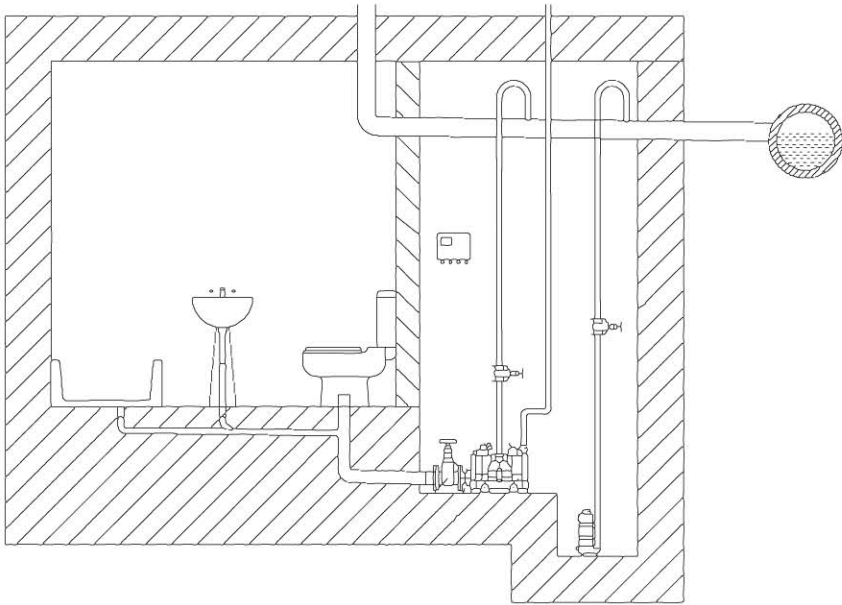




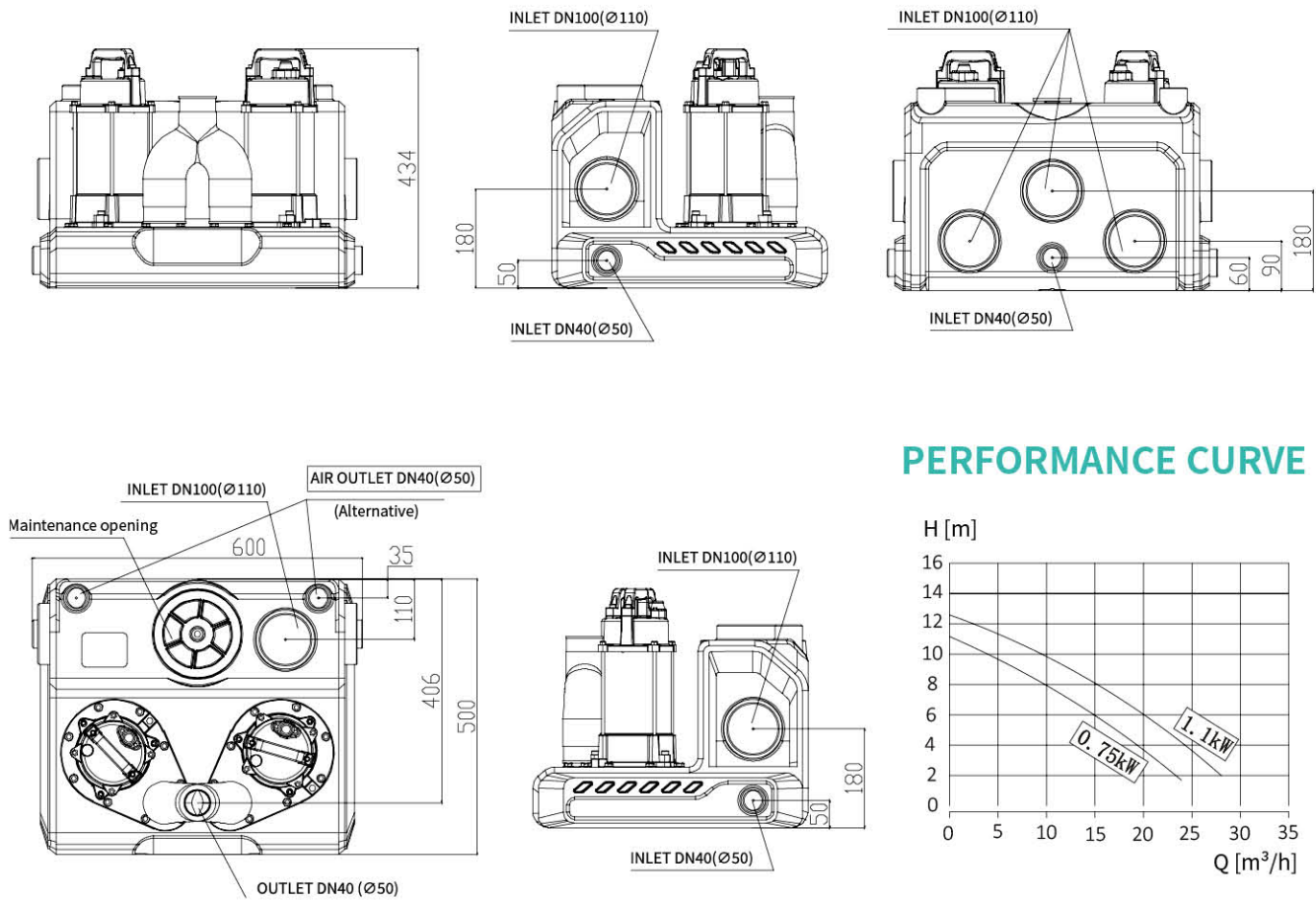
SPECIFICATION

Model	50 Series			
Pump Unit	Double			
Dimension (mm)	600x500x434			
Single phase	220V / 50HZ		380V / 50HZ	
Input P1 (W)	750	1100	750	1100
Max. Flow (m³/h)	27	32	27	32
Max. Head (m)	11	13	11	13
Control type	Pressure/float			
Class of protection - pump station	IP68			
Motor insulation class	F			
Maximum start-stop frequency of pump	60 pcs/h			
Free passage (mm)	35			
Tank capacity (L)	50			
Start level (cm)	16 (Single) / 20 (Double)			
Stop level (cm)	10			
Dry-running noise (dB)	< 60			

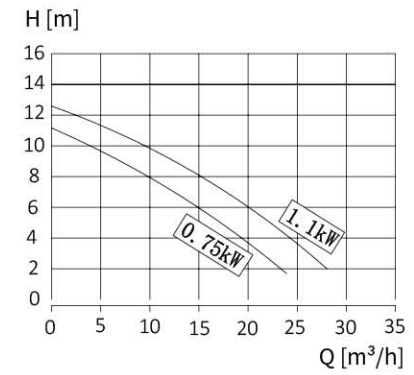
INSTALLATION DIAGRAM



DIMENSION



PERFORMANCE CURVE

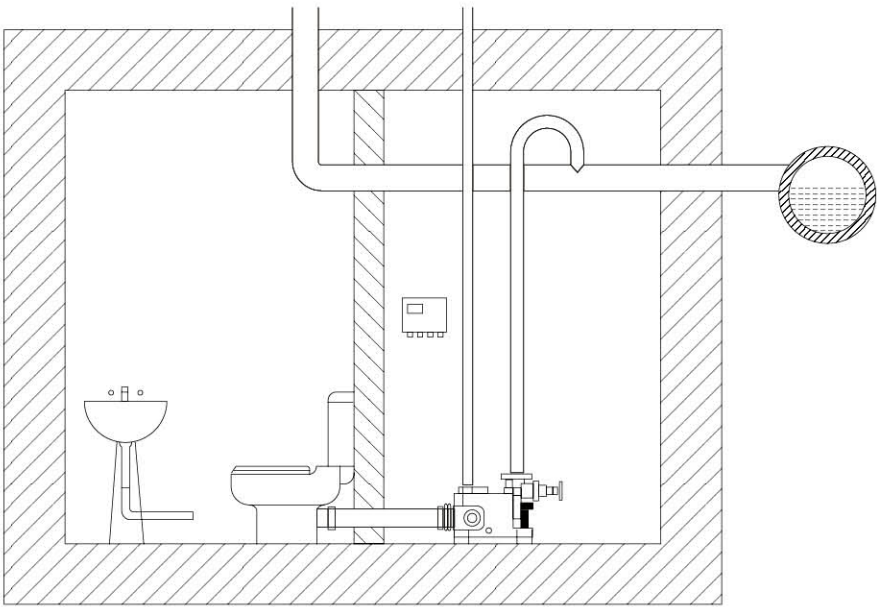




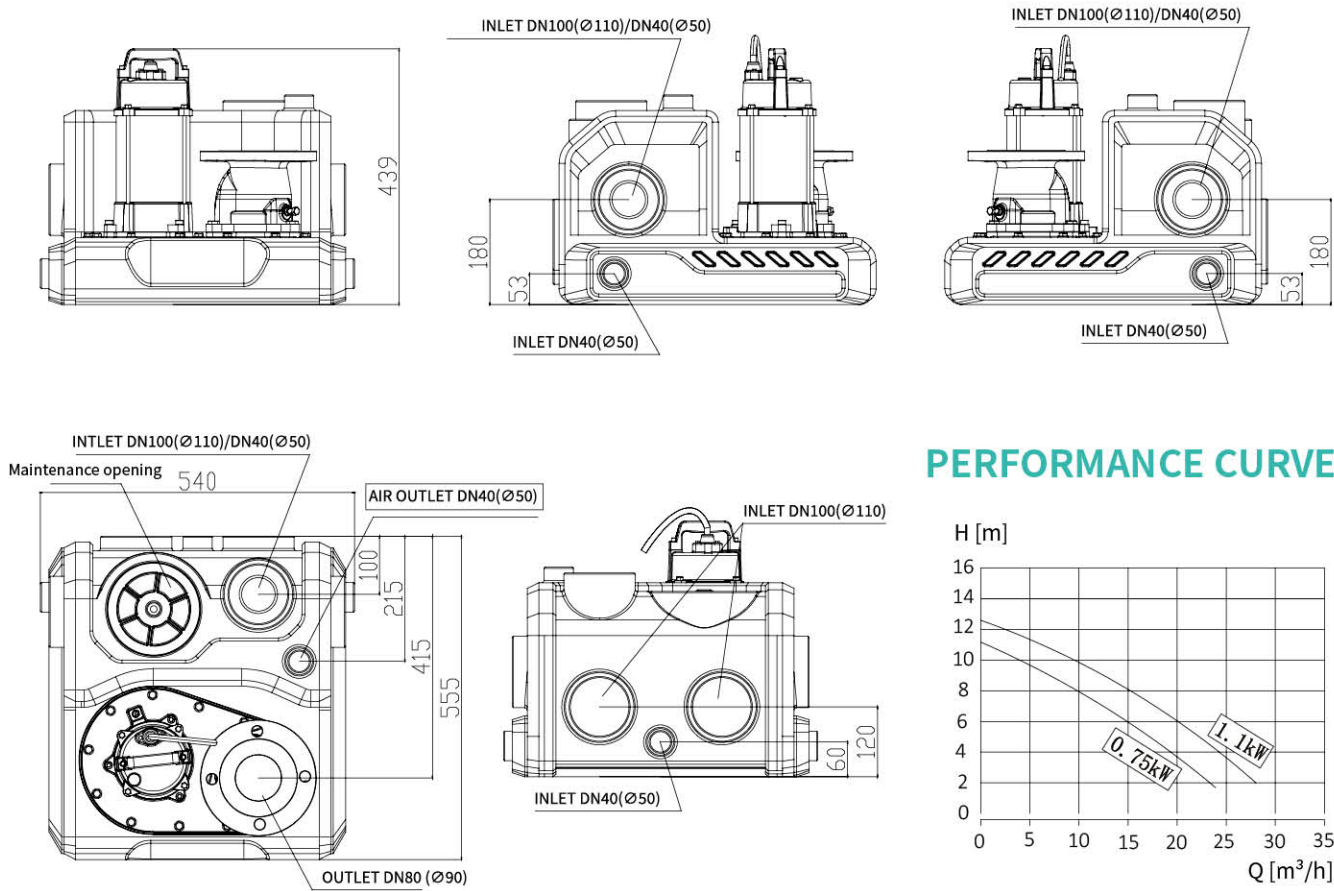
SPECIFICATION

Model	60 Series			
Pump Unit	Single			
Dimension (mm)	540x555x439			
Single phase	220V / 50HZ		380V / 50HZ	
Input P1 (W)	750	1100	750	1100
Max. Flow (m³/h)	27	32	27	32
Max. Head (m)	11	13	11	13
Control type	Pressure/float			
Class of protection-pump station	IP68			
Motor insulation class	F			
Maximum start-stop frequency of pump	60 pcs/h			
Free passage (mm)	50			
Tank capacity (L)	60			
Start level (cm)	16			
Stop level (cm)	10			
Dry-running noise (dB)	< 60			

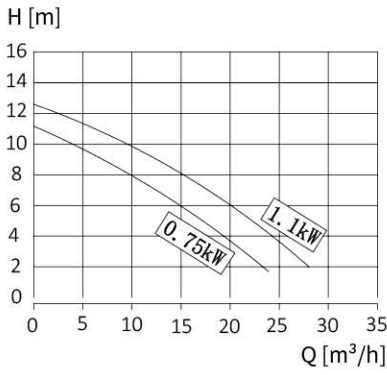
INSTALLATION DIAGRAM



DIMENSION



PERFORMANCE CURVE

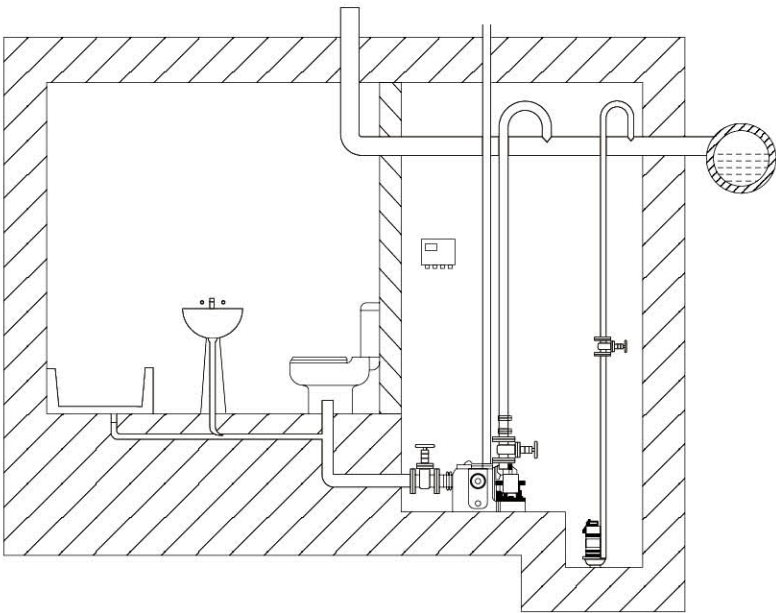




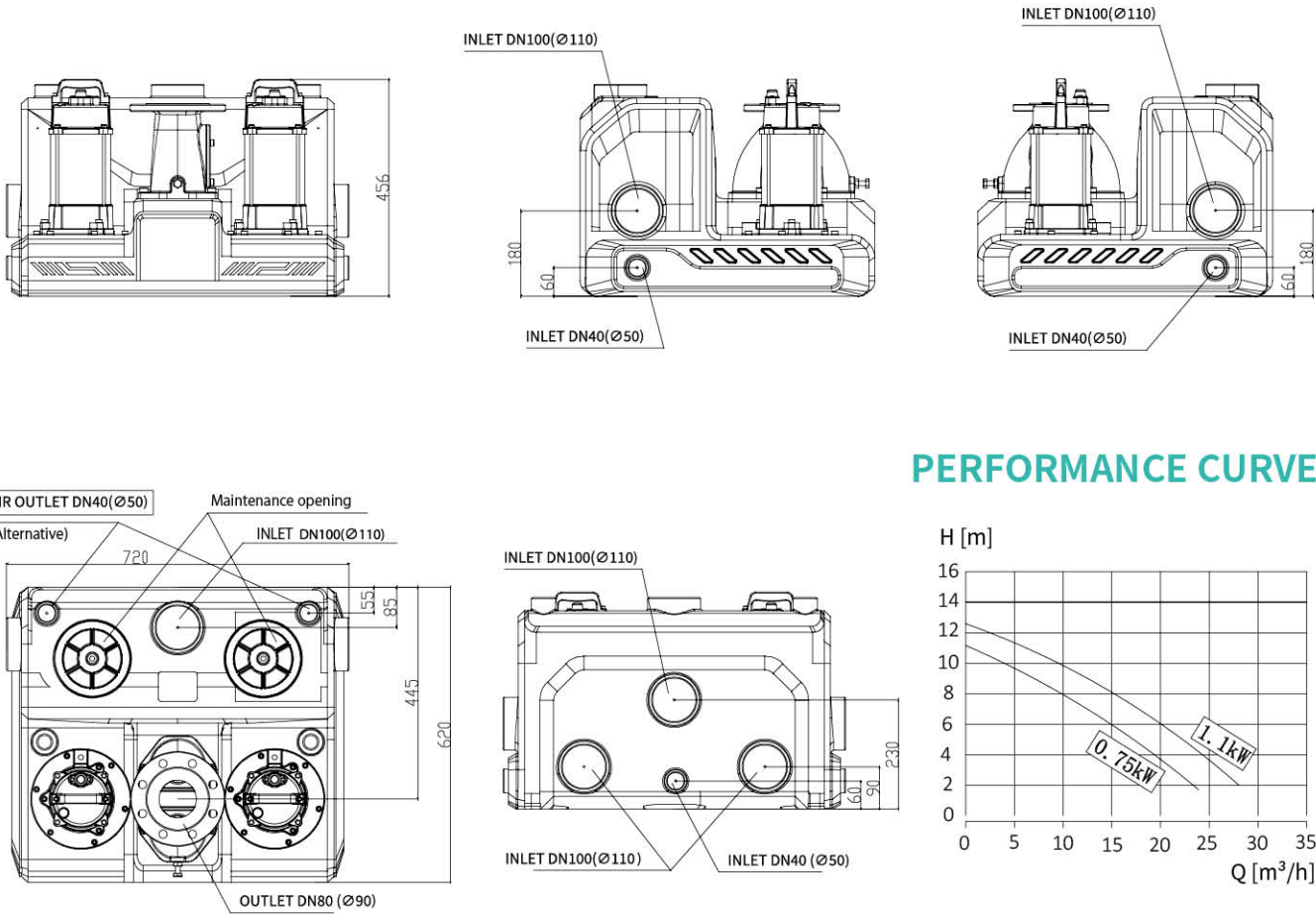
SPECIFICATION

Model	90 Series			
Pump Unit	Double			
Dimension (mm)	720x620x456			
Single phase	220V / 50HZ		380V / 50HZ	
Input P1 (W)	750	1100	750	1100
Max. Flow (m³/h)	27	32	27	32
Max. Head (m)	11	13	11	13
Control type	Pressure/float			
Class of protection-pump station	IP68			
Motor insulation class	F			
Maximum start-stop frequency of pump	120 pcs/h			
Free passage (mm)	50			
Tank capacity (L)	90			
Start level (cm)	16 (Single) / 20 (Double)			
Stop level (cm)	10			
Dry-running noise (dB)	< 60			

INSTALLATION DIAGRAM



DIMENSION

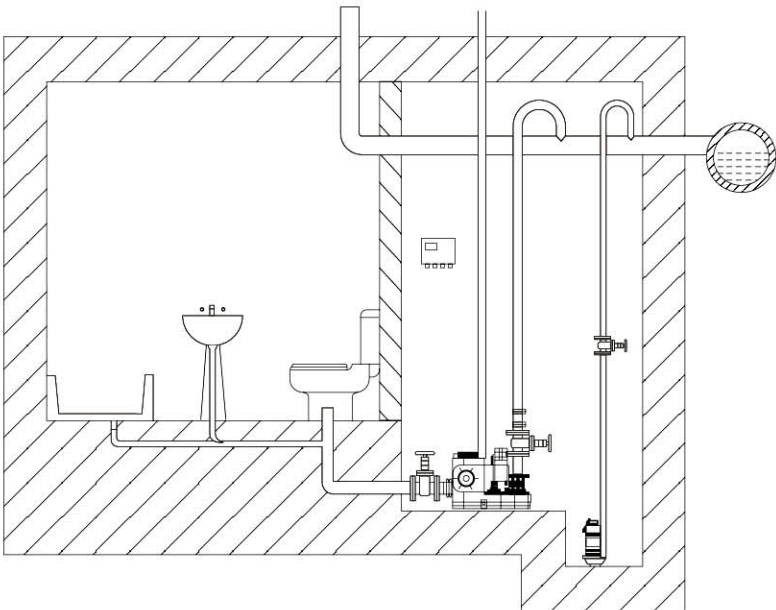




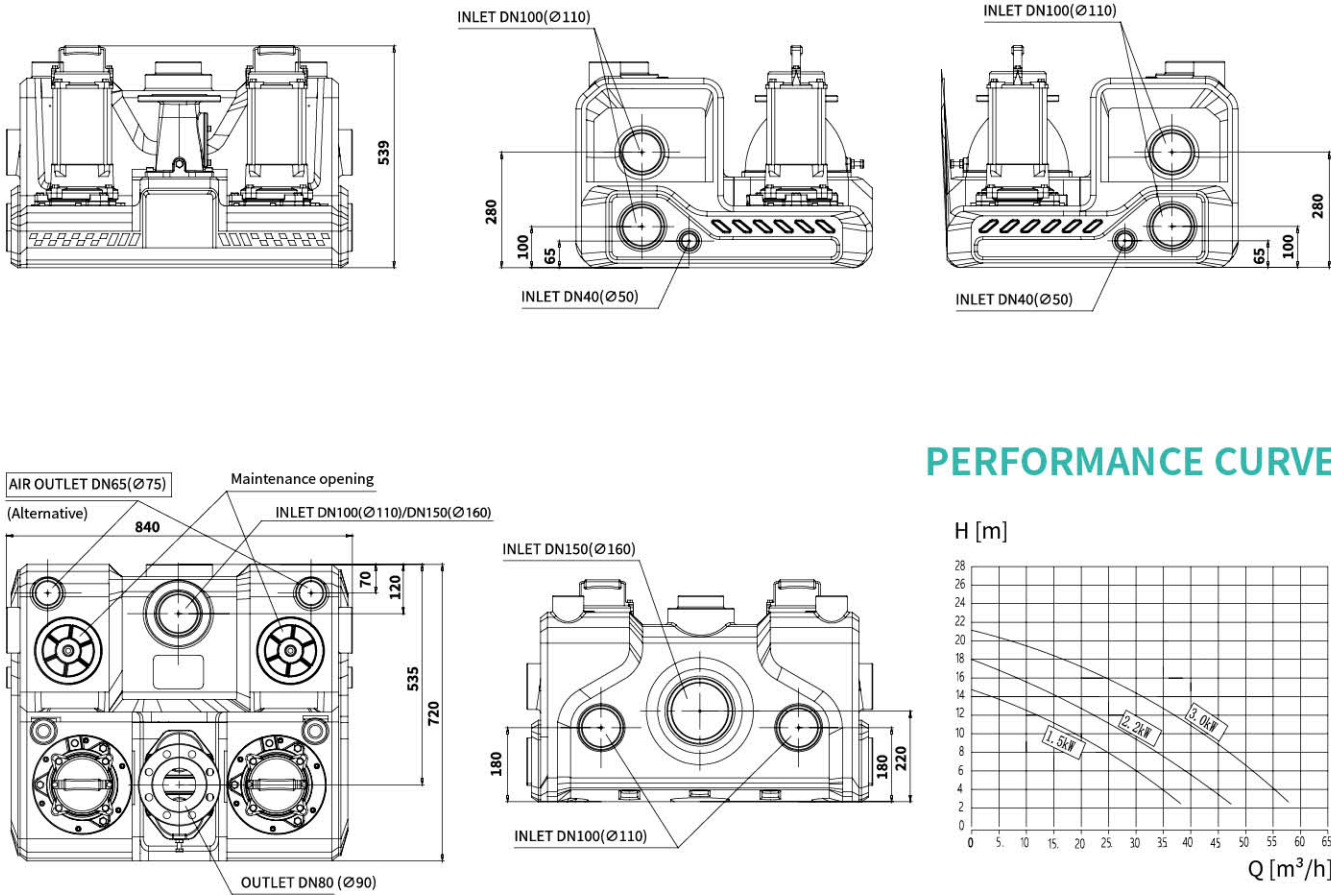
SPECIFICATION

Model	170 Series					
Pump Unit	Double					
Dimension (mm)	840x535x539					
Single phase	220V / 50HZ			380V / 50HZ		
Input P1 (W)	1500	2200	3000	1500	2200	3000
Max. Flow (m³/h)	44	53	63	44	53	63
Max. Head (m)	15	18	21	15	18	21
Control type	Pressure/float					
Class of protection-pump station	IP68					
Motor insulation class	F					
Maximum start-stop frequency of pump	120 pcs/h					
Free passage (mm)	60					
Tank capacity (L)	170					
Start level (cm)	18 (Single) / 23 (Double)					
Stop level (cm)	11					
Dry-running noise (dB)	< 70					

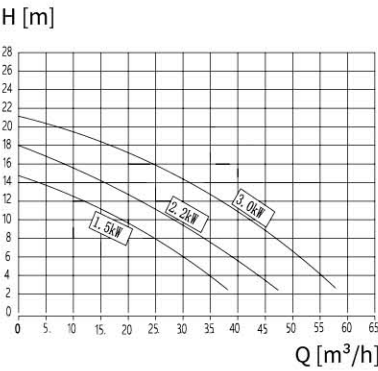
INSTALLATION DIAGRAM



DIMENSION



PERFORMANCE CURVE



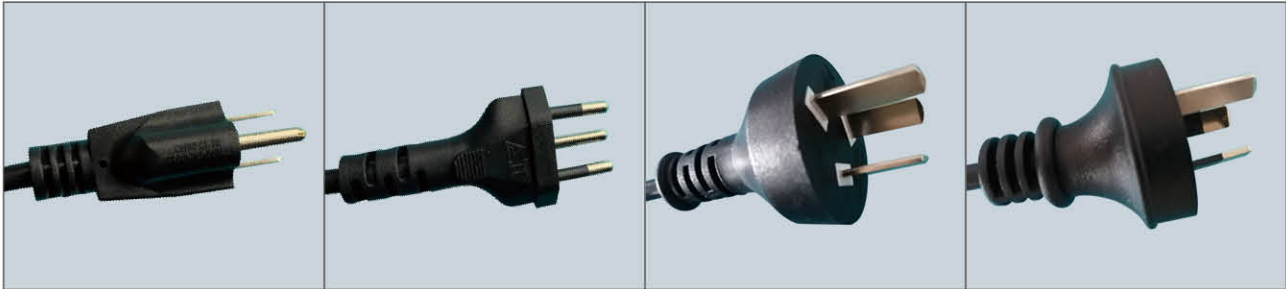
AUTOMATIC SEWAGE
LIFTING DEVICE

Name	Specification
 Stainless Steel Clips	25-40mm
	32-50mm
	80-100mm
	90-110mm
	100-120mm
 Sleeves	Ø 46, Ø 40mm
	Ø 40, Ø 40mm
 Elbow	Ø 32, Ø 40mm
	Ø 32, Ø 40mm silicone rubber
 Elbow Assembly	Ø 32, Ø 40mm
 Plugs	
 Blanking Cap	Ø 90mm
	Ø 120mm

EXTERNAL SEWAGE
LIFTING STATION

Name	Specification
 Ventilation Flexible Connector	DN50
	DN75
 Hose Clamp	35-57mm
	60-80mm
	110-130mm
	120-140mm
 Heavy-Duty Hose Clamp	98-103mm
	162-174mm
 Telescopic Pipe / Expansion Pipe	110-120mm
	110-110mm
 Fabric-Reinforced Flexible Connector	90mm
	160mm
 DN80 Outlet Flange	DN80
 201 Stainless Steel Screws (Matching Set)	M16*60
 DN50 Internal Plug	
 Flange Gasket	DN80

MULTINATIONAL CERTIFIED
WIRES AND PLUGS



America

Brazil

Argentina

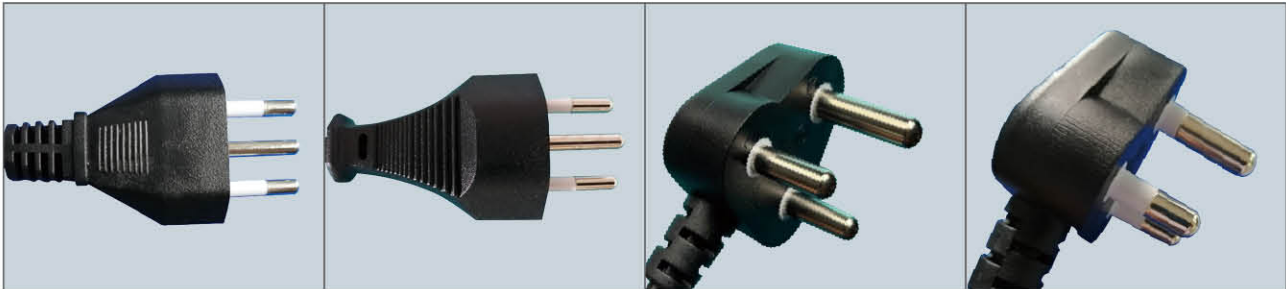
Australia



Europe

Britain

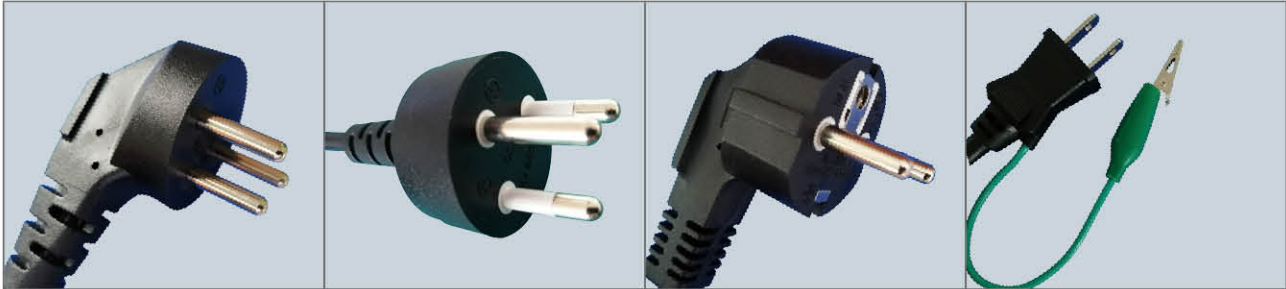
Denmark



Italy

Switzerland

South Africa



Israel

Thailand

South Korea

Japan