



## GROWTH COURSE

Since 2008-2024

- 2008** Founded Zhejiang Wigo Pump Co., Ltd and started producing normal 3 speed circulation pump
- 2010** Started producing high efficiency circulation pump
- 2015** Developed magnet levitation circulation pump
- 2018** Developed inverter booster pump
- 2019** Moved into new plant, equipped with automatic robot arm production line
- 2024** Changed the company name into Zhejiang Wigo Intelligence Pump Co., Ltd



Professional  
Circulation pump  
Manufacturer

## INTRODUCTION

ZHEJIANG WIGO INTELLIGENCE PUMP CO.,LTD. was established in 2008, located at Zeguo Town, Wenling City,Zhejiang Province,is known for the manufacturing of water pumps. We have been dedicated to research, develop, manufacture and export Circulation pumps and pump for wall-hung boilers for 16 years.The annual output is over 2.1 million.

The company operates in strict accordance with ISO9001: 2015 management system, and the regulations of different countries. Which obtained CCC, CQC, GS, CE, RoHS, REACH, TUVERP and other certificates. Those certificates ensure steadiness, reliability, efficiency and durability of our produce quality.

We developed our own full-automatic assembly line and putted it into production since 2016, which can assemble each accessory to the whole pump by the manipulator. As for the new plant that is under construction, it covers 40,000 square meters with four additional automatic assembly lines and automatic storage & retrieval system, digital management of production to improve the production efficiency and quality stability.

As "High-tech enterprise" and "Top 20 Municipal key industrial enterprise", we are always adhere to pursue perfection, provide the vast clients with best products and more considerate after-sales service.

# PRODUCT CERTIFICATE



# CONTENTS



Circulation Pump  
Page01-17



GRS series big Flange  
circulation pump  
Page18-20



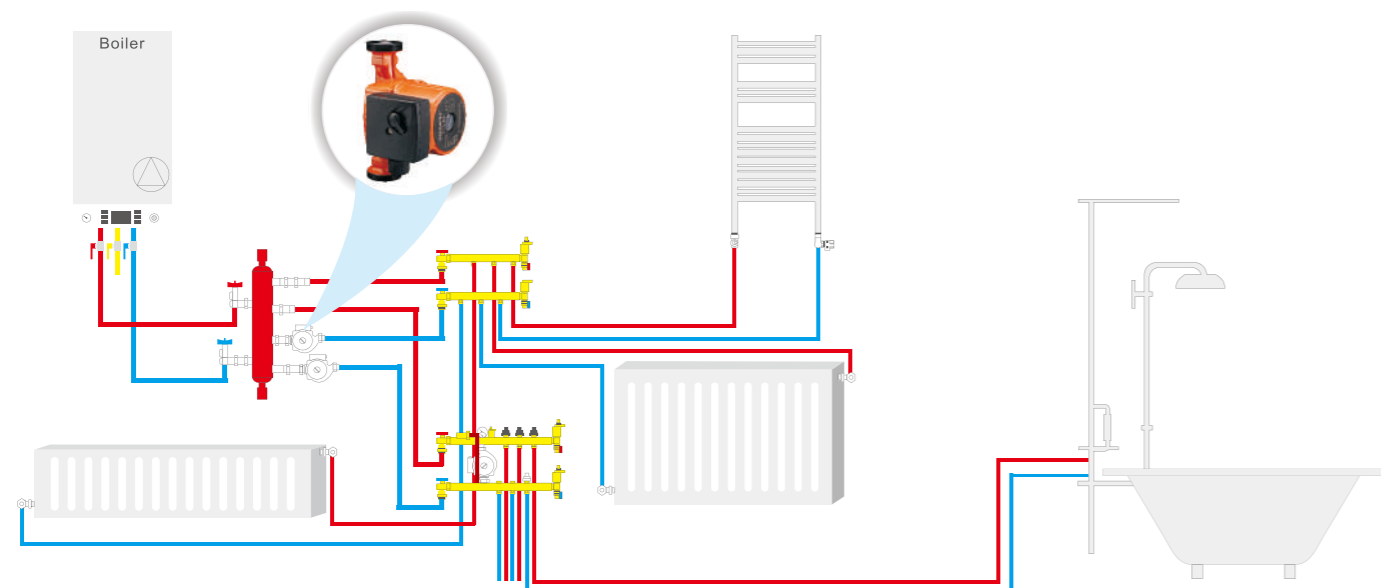
Booster Pump  
Page21-23



High efficiency intelligent  
Circulation Pump  
Page24-44

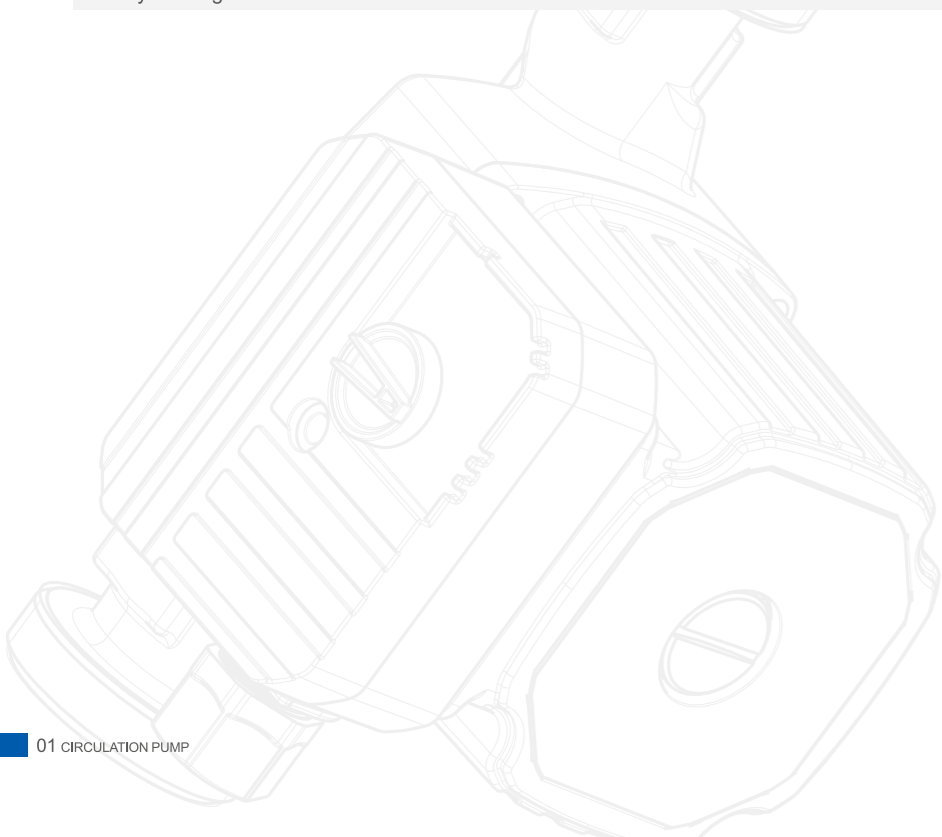


Variable frequency  
Booster pump  
Page45-54

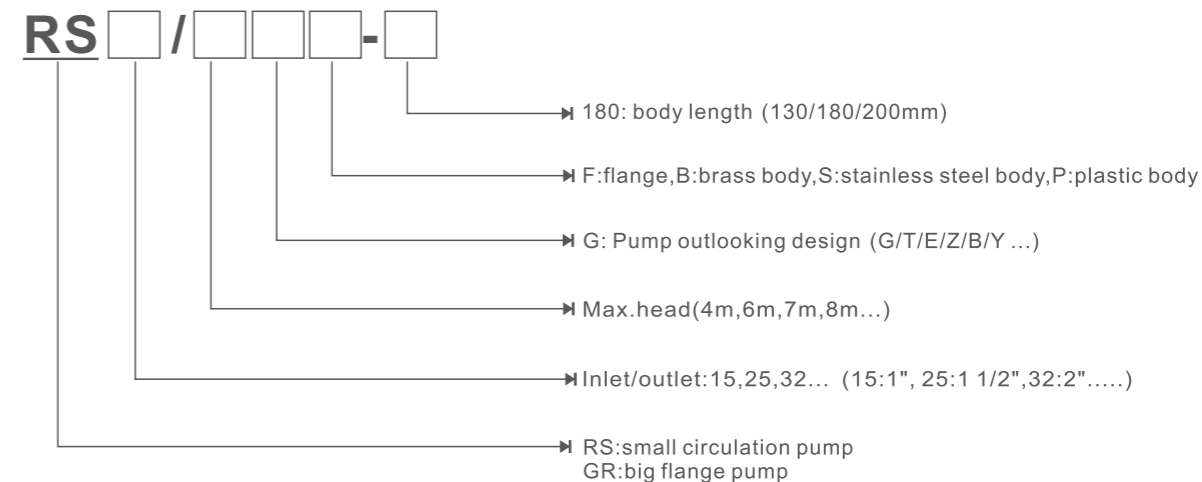


**Operation condition:**

1. Apply to heating system
2. Max. system pressure:10bar
3. Operation condition:
  - Ambient Temperature:0°C~40°C
  - Ambient Humidity:95%
  - Liquid Tempreture:-10°C~110°C
  - Ambient temperature must be lower than liquid temperature, in order to avoid condensate water produced in the interior of stator.
4. Liquid : Clean, non-coorosive and non-explosive liquids, without any particle ,fiber or mineral oil. Water/glycol mixtures max. mixing ratio:1:1
5. Dry running no more than 10min.

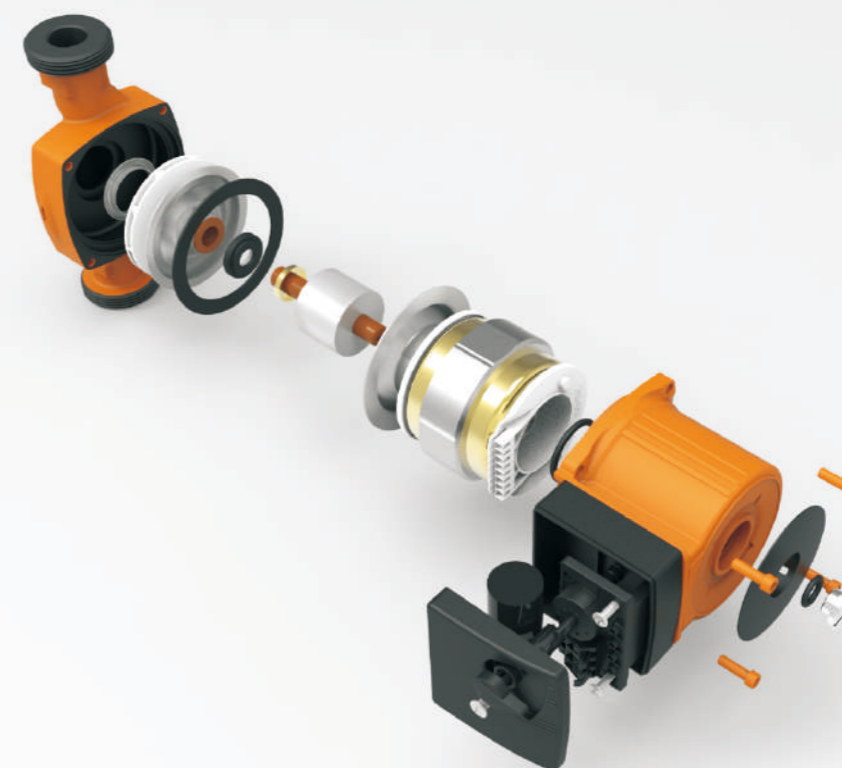


**Model Explanation**



- Example:RS25/6G-180 is small circulation pump with cast-iron body, 25inlet/outlet,6m head,180mm body length

Our pump has several different designs for customer chose. Each design is only the different of outlooking, no affection on performance and quality. All spare parts and material are the same.The popular model types are: G type, T type,E type, B type. Each design has its own housing and terminal box. pls check the photos as following.



**Technical Data**

**Suitable fluids**  
 Heating water to VD12035  
 Heatina water  
 Water/ glycol mixtures max.mixing ratio 1:1

**Performance**  
 Fluid temperature range -10°C~+110°C  
 Max.working pressure 10bar

**Ambient Temperature**  
 Permissible up to 40°C

**Power**  
 Mains power 1~230v,50Hz

**Motor**  
 Degree of protection IP44  
 Insulation class F

**Construction Materials**

Pump body	cast iron
Impeller	PP
Shaft	Ceramic
Bearings	Ceramic

**Mounting Positions**  
 Pump shaft in the horizontal plane

**Pump Equipment**  
 Screwed end single head pump  
 Manual 3-speed control  
 Non-overloading single phase motor  
 cast iron body,180mm port-to-port  
 cast iron body 130mm port-to-port



RS15/4G(T/E)-130  
RS15/6G(T/E)-130



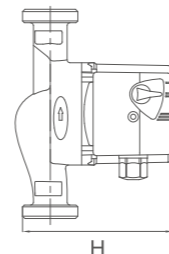
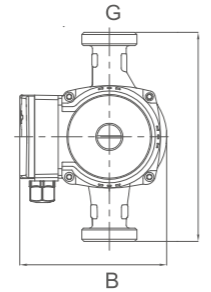
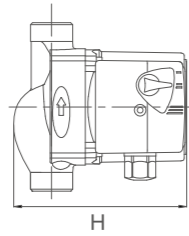
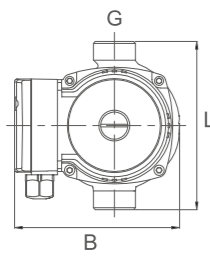
RS25/4G(T/E)-130  
RS25/6G(T/E)-130



RS25/4G(T/E)-180  
RS25/6G(T/E)-180



RS32/4G(T/E)-180  
RS32/6G(T/E)-180

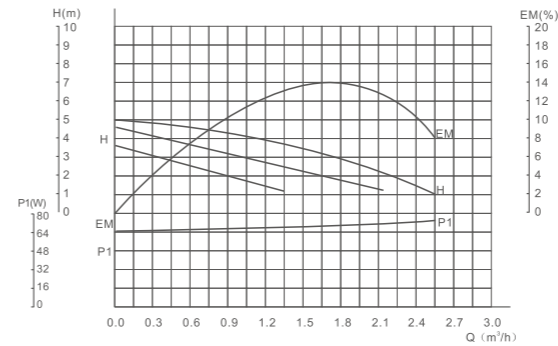


Technical parameter

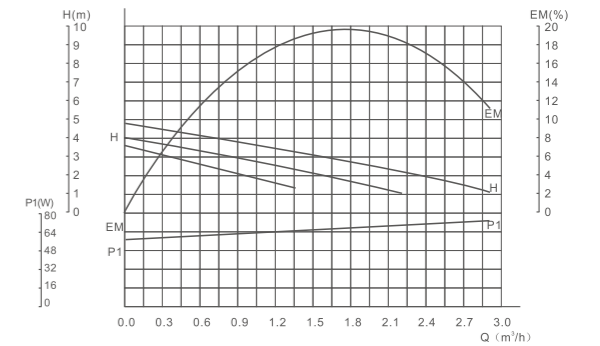
Model	Power	Max.Flow (m <sup>3</sup> /h)	Max.Head (m)	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
	(W)			220V/ 50Hz	220V/ 60Hz	127V/ 60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS15/4G(T/E)-130	72/53/38	2.3/1.7/0.8	4.5/4/3	●	●	●	●	●	●	130	127	133	1"	2.2
RS20/4G(T/E)-130		2.3/1.7/0.8											1 1/4"	2.2
RS25/4G(T/E)-130		2.9/2.1/1.3											1 1/2"	2.3
RS25/4G(T/E)-180		3.4/2.3/1.3											1 1/2"	2.4
RS32/4G(T/E)-180		3.4/2.3/1.3											2"	2.6

Model	Power	Max.Flow (m <sup>3</sup> /h)	Max.Head (m)	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
	(W)			220V/ 50Hz	220V/ 60Hz	127V/ 60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS12/6G(T/E)-130	93/67/46	1.8/1.2/0.8	6/5/3	●	●	●	●	●	130	127	133	3/4"	2.1	
RS15/6G(T/E)-130		2.6/2.0/1.2										●	1"	2.3
RS20/6G(T/E)-130		3.3/2.3/1.3										●	1 1/4"	2.4
RS25/6G(T/E)-130		3.3/2.3/1.3										●	1 1/2"	2.4
RS25/6G(T/E)-180		3.9/2.9/1.6										●	1 1/2"	2.5
RS32/6G(T/E)-180		3.9/2.9/1.6										●	2"	2.7

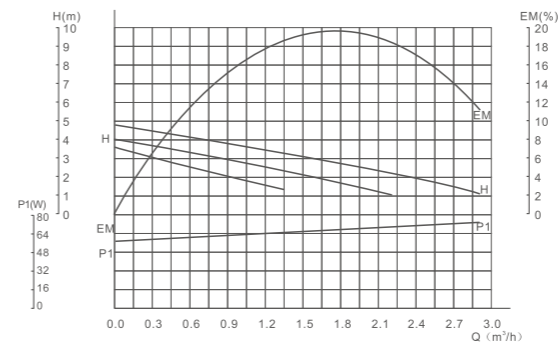
RS15/4G(T/E)



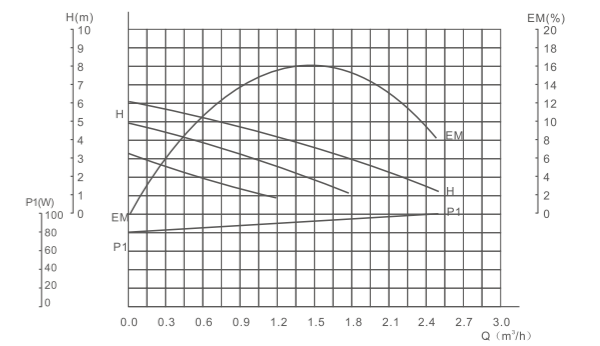
RS25/4G(T/E)



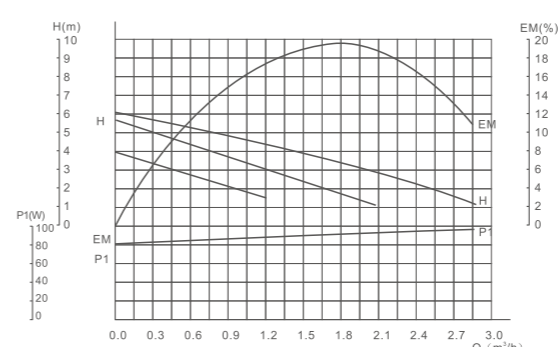
RS32/4G(T/E)



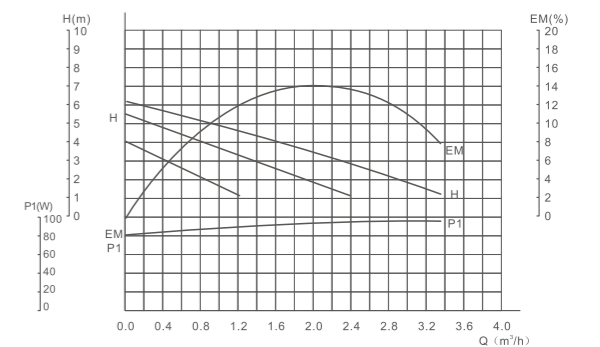
RS12/6G(T/E)



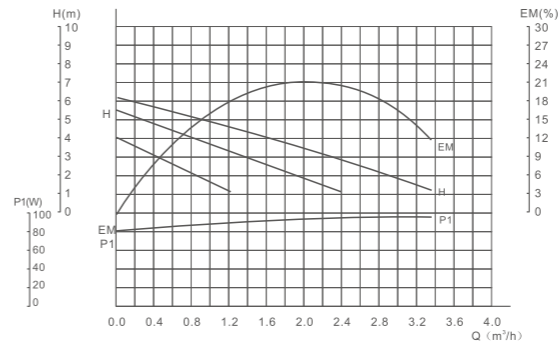
RS15/6G(T/E)



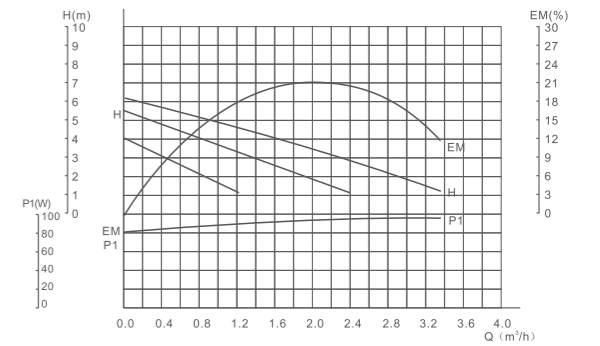
RS20/6G(T/E)



RS25/6G(T/E)



RS32/6G(T/E)





RS15/7G(T/E)-130



RS25/7G(T/E)-130



RS25/7G(T/E)-180



RS32/7G(T/E)-180



RS15/8(T/E)-180



RS15/8(T)-180

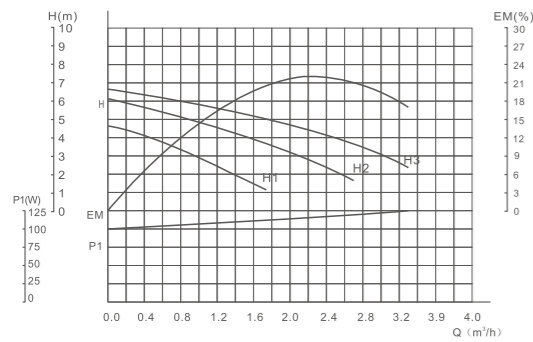


RS25/8(T)-180

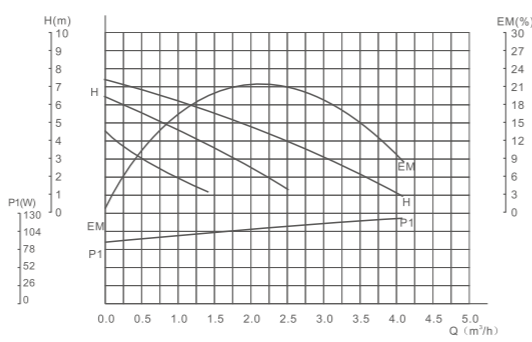


RS32/8(T)-180

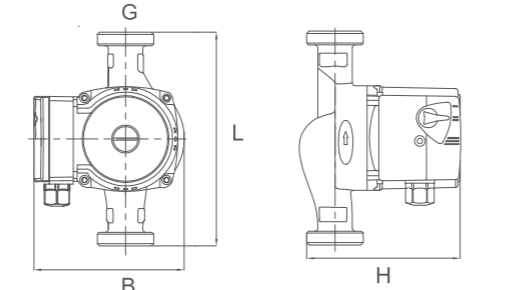
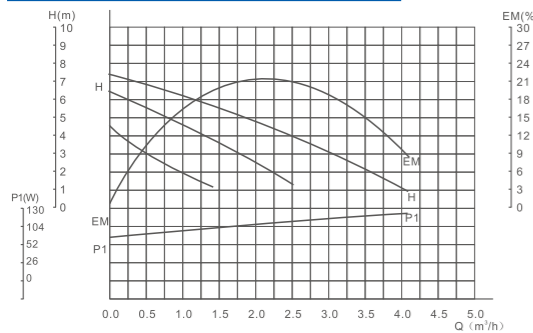
RS15/7G(T)



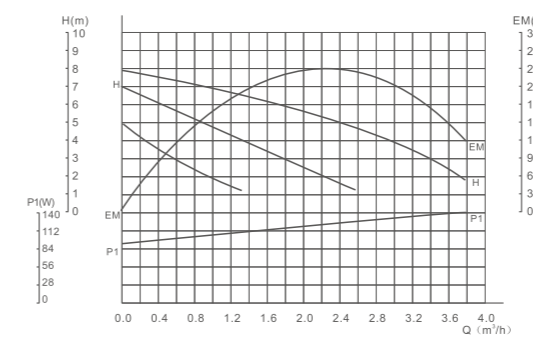
RS25/7G(T)



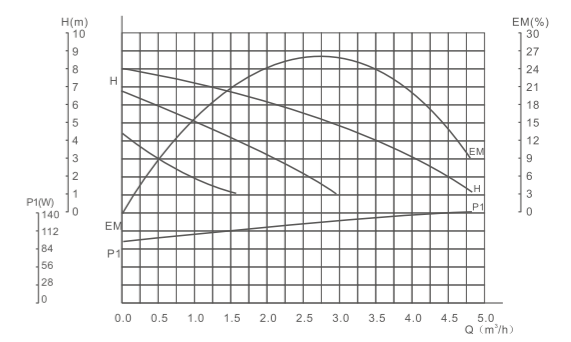
RS32/7G(T)



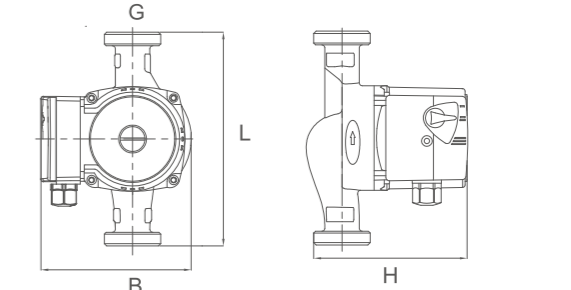
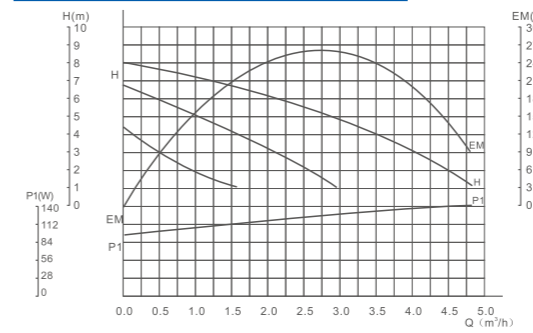
RS15/8(T/E)



RS25/8(T/E)



RS32/8(T/E)



Technical parameter

Model	Power (W)	Max.Flow (m³/h)	Max.Head (m)	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
				220V/50Hz	220V/60Hz	127V/60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS15/7G(T)-130	125/93/67	3.3/2.7/1.3	7/6.5/4.5	●	●	●	●	●	●	130	123	145	1"	2.6
RS25/7G(T)-130		3.8/3.0/1.9											1 1/2"	
RS25/7G(T)-180		4.1/3.2/2.1											2"	
RS32/7G(T)-180		4.2/3.4/2.2											2"	

Technical parameter

Model	Power (W)	Max.Flow (m³/h)	Max.Head (m)	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
				220V/50Hz	220V/60Hz	127V/60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS15/8(T/E)-180	140/115/75	3.4/2.4/1.2	8/7/5	●	●	●	●	●	●	180	127	159	1"	3.3
RS25/8(T/E)-180		5.4/3.6/2.0											1 1/2"	
RS32/8(T/E)-180		5.4/3.6/2.0											2"	



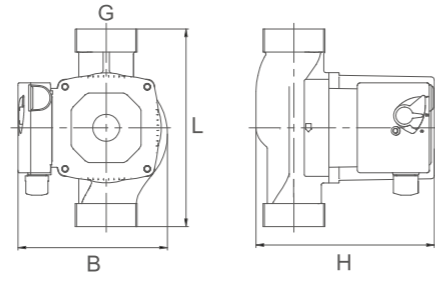
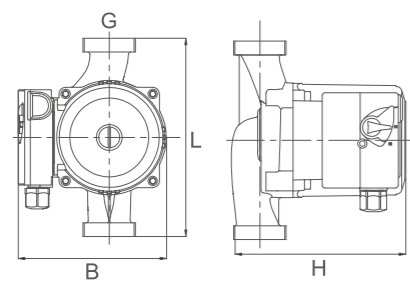
RS25/8G(T/E)-180



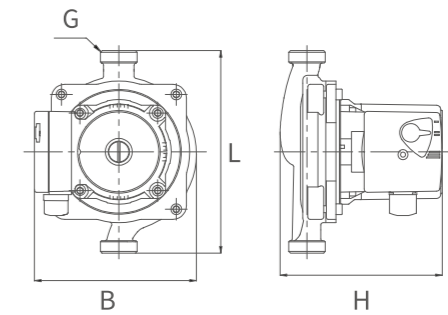
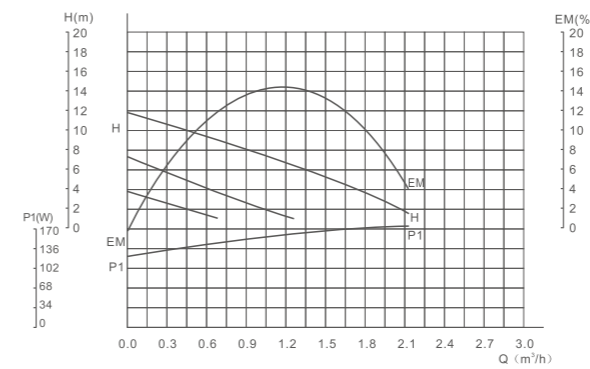
RS32/8G(T/E)-180



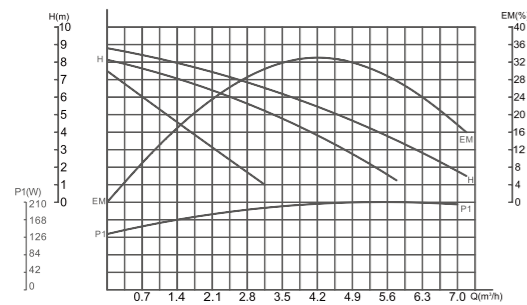
RS20/11(T)-180



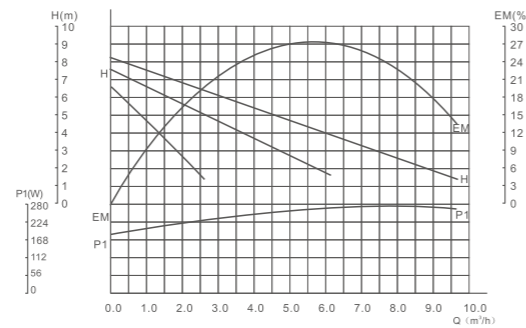
RS25/11(T)-180



RS25/8G(T/E)-180



RS32/8G(T/E)-180



Technical parameter

Model	Power (W)	Max.Flow (m³/h)	Max.Head (m)	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
				220V/50Hz	220V/60Hz	127V/60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS25/8G(GT/GE)-180	182/170/145	6.9/5.7/2.7	8/7.5/6.5	●	●	●	●	●		180	134.5	158	1 1/2"	4.2
RS32/8G(GT/GE)-180	270/210/150	9.6/6.2/2.5								180	137	172	2"	4.8

Technical parameter

Model	Power (W)	Max.Flow (m³/h)	Max.Head (m)	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
				220V/50Hz	220V/60Hz	127V/60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS20/11(T)-180	165/115/75	2.1/1.2/0.6	11/7/3.4	●	●	●	●	●		180	144	144	1"	4.0





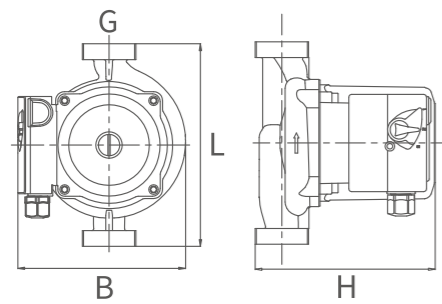
RS20/12G(T/E)-180



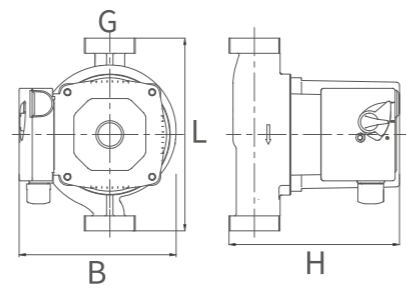
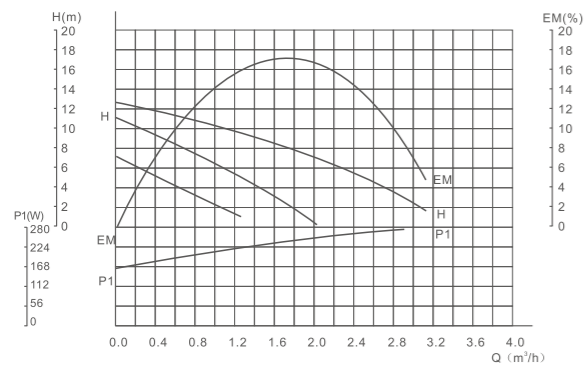
RS25/12G(T/E)-180



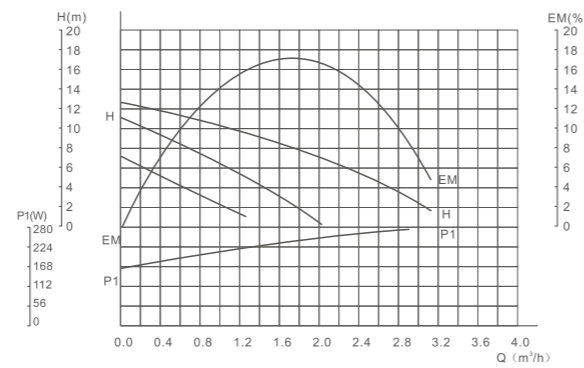
RS25/15G(T/E)-180



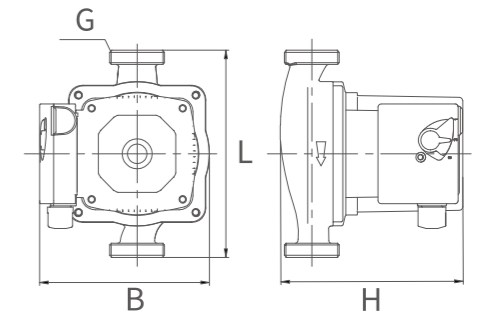
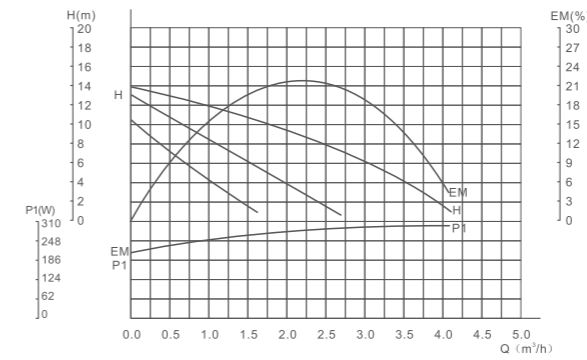
RS20/12G(T/E)-180



RS25/12G(T/E)-180



RS25/15G(T/E)-180



Technical parameter

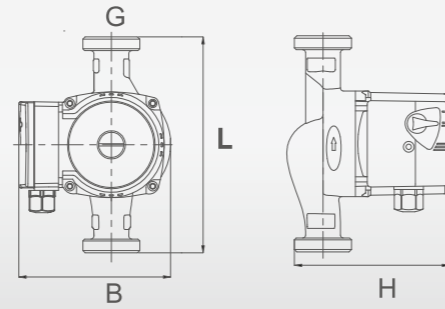
Model	Power (W)	Max.Flow (m³/h)	Max.Head (m)	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
				220V/50Hz	220V/60Hz	127V/60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS20/12G(T/E)-180	245/220/145	3.1/1.9/1.3	12/11/7	●	●	●	●	●		180	150	152	1"	4.4
RS25/12G(T/E)-180		3.7/2.2/1.3		●	●	●	●		180	150	160	1 1/2"		

Technical parameter

Model	Power (W)	Max.Flow (m³/h)	Max.Head (m)	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
				220V/50Hz	220V/60Hz	127V/60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS25/15G(T/E)-180	270/210/150	4.1/2.8/1.7	14/13/10	●	●	●	●	●		180	149	160	1 1/2"	5.3



RS25/6B-180  
RS32/6B-180

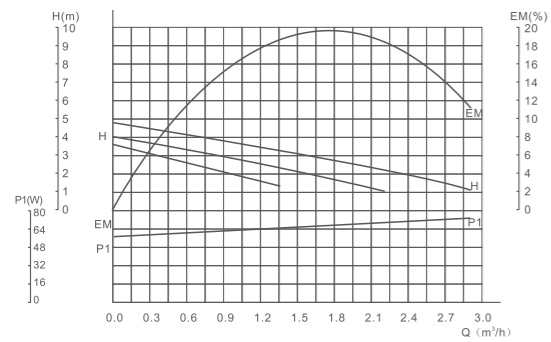


RS25/6GF

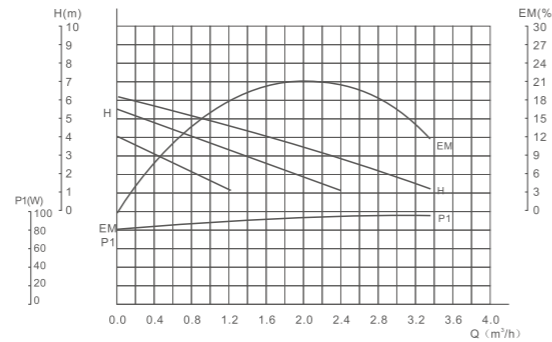


RS40/8GF

RS25/4B(Y)

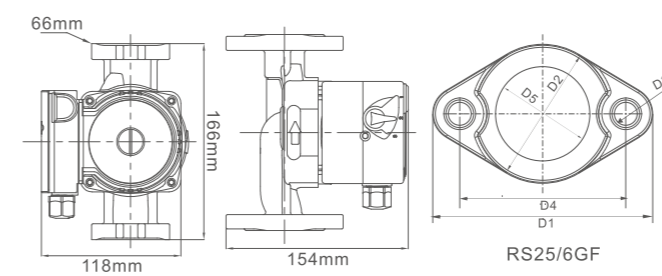


RS25/6B(Y)

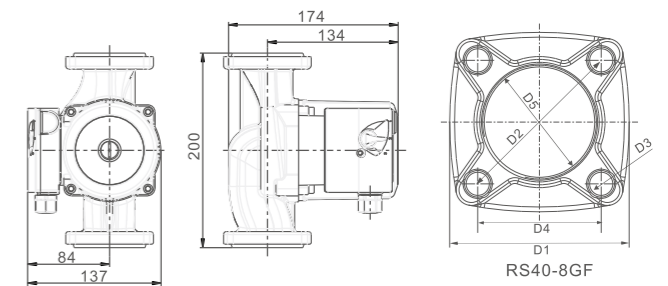
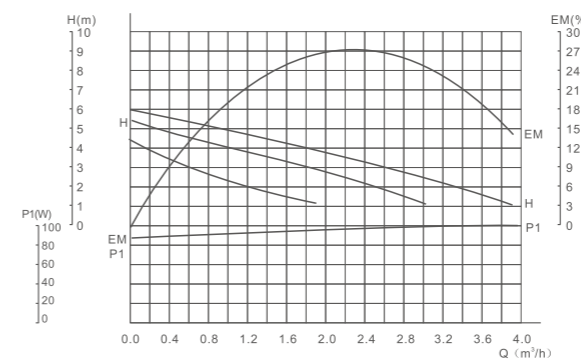


Technical parameter

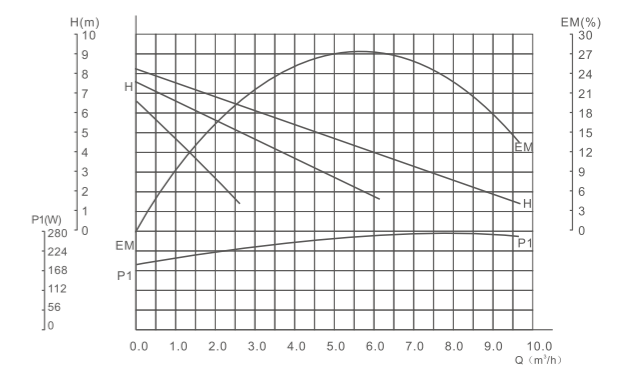
Model	Power	Max.Flow	Max.Head	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
	(W)	(m <sup>3</sup> /h)	(m)	220V/50Hz	220V/60Hz	127V/60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS15/4B(Y)-130	72/53/38	2.3/1.7/0.8	4.5/4/3	●	●	●	●	●	●	130	124	137	1"	2.1
RS20/4B(Y)-130		2.3/1.7/0.8								1 1/4"			2.2	
RS25/4B(Y)-130		2.9/2.1/1.3								1 1/2"			2.3	
RS25/4B(Y)-180		3.4/2.3/1.3								1 1/2"			2.4	
RS32/4B(Y)-180		3.4/2.3/1.3								2"			2.6	
RS12/6B(Y)-130	93/67/46	1.8/1.2/0.8	6/5/4	●	●	●	●	●	●	130	124	137	3/4"	2.3
RS15/6B(Y)-130		2.6/2.0/1.2								1"			2.3	
RS20/6B(Y)-130		3.3/2.3/1.3								1 1/4"			2.4	
RS25/6B(Y)-130		3.3/2.3/1.3								1 1/2"			2.4	
RS25/6B(Y)-180		3.9/2.9/1.6								1 1/2"			2.6	
RS32/6B(Y)-180		3.9/2.9/1.6								2"			2.7	



RS25/6GF



RS40/8GF

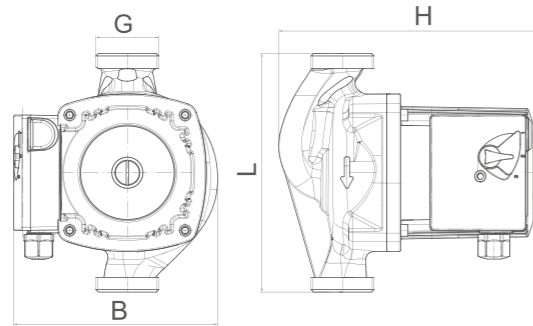


Technical parameter

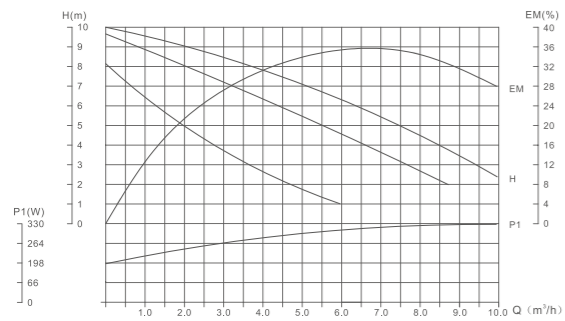
Model	Power	Max.Flow	Max.Head	Voltage			PUMP Dimension(mm)				Flange Dimension(mm)				Weight (Kg)
	(W)	(m <sup>3</sup> /h)	(m)	220V/50Hz	220V/60Hz	127V/60Hz	L	B	H	G	D1	D2	D3	D4	
RS25/6GF	93/67/46	3.5/2.3/1.3	6/5/3	●	●	●	166	118	154	1 1/2"	106	67	13.5	80	3.0
RS40/8GF	270/220/150	9.6/6.2/2.6	8/7.5/6.5	●	●	●	200	147	166	2"	93	90.5	12	64	5.9



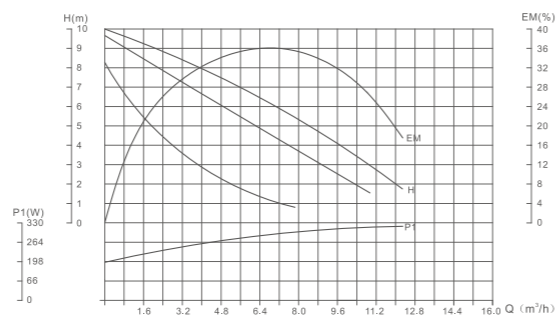
RS 25/10E-180  
RS 32/10E-180



RS25/10E



RS32/10E



Technical parameter

Model	Power (W)	Max.Flow (m <sup>3</sup> /h)	Max.Head (m)	Voltage			Material of pump body			Dimension(mm)				Weight (Kg)
				220V/50Hz	220V/60Hz	127V/60Hz	Cast Iron	Brass	Stainless steel	L	B	H	G	
RS 25/10E-180	330/330/280	12/10/7.8	10/9.5/8	●	●	●	●			180	154	195	1 1/2"	5.3
RS 32/10E-180	330/330/280	12/10/7.8	10/9.5/8	●	●	●	●			180	154	195	2"	5.8



YJWK



WK1 TYPE



WK2 TYPE

Function:

Temperature Control

The pump switches on/off based on the temp. of water in pipes.

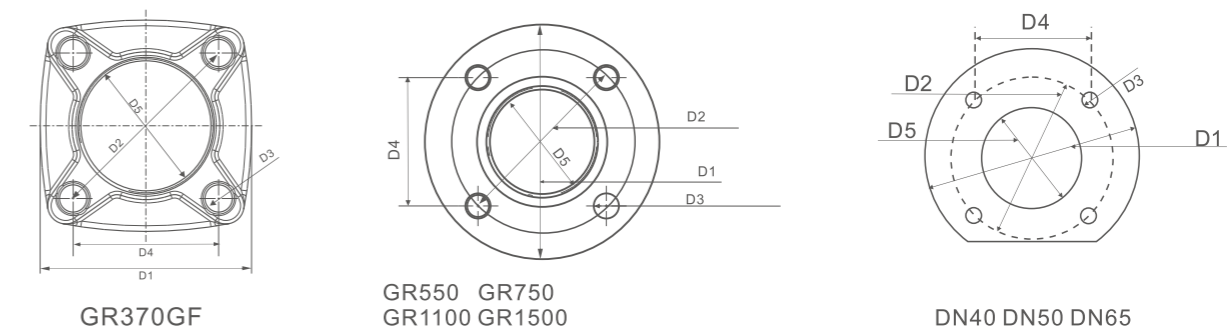
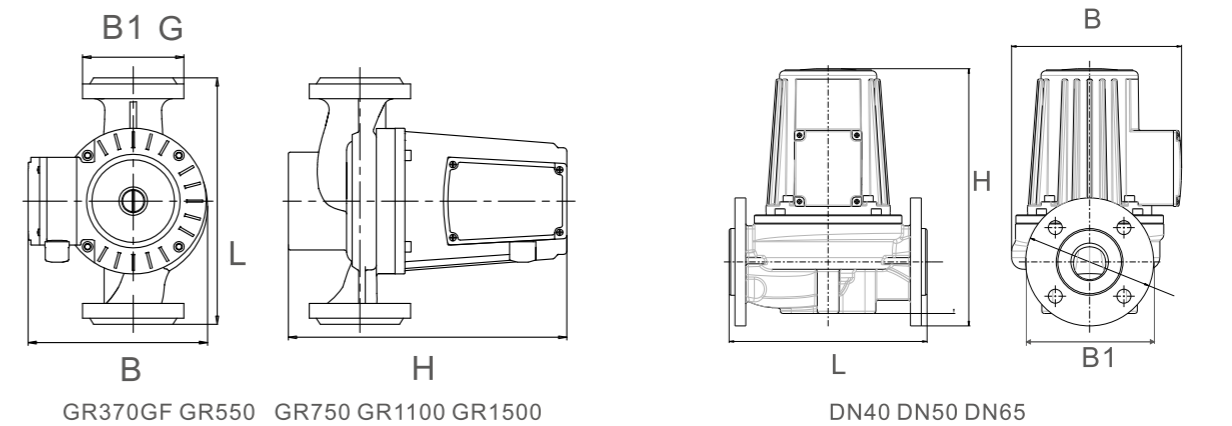
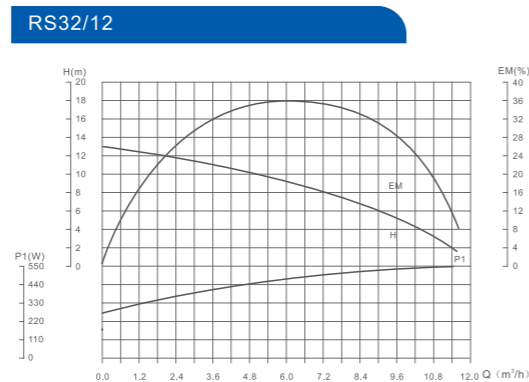
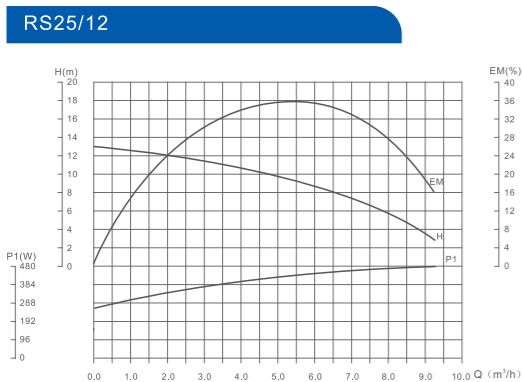
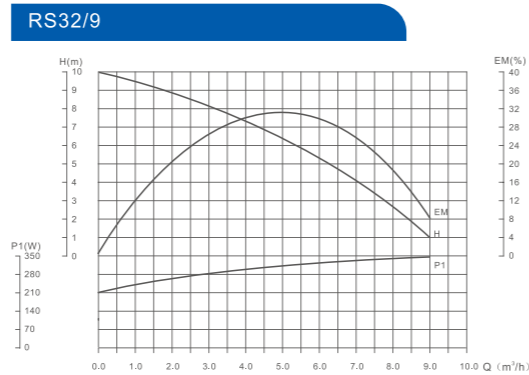
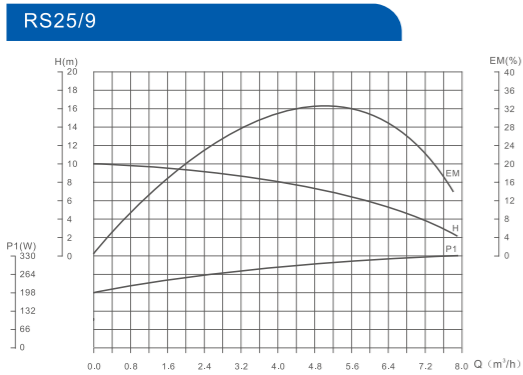
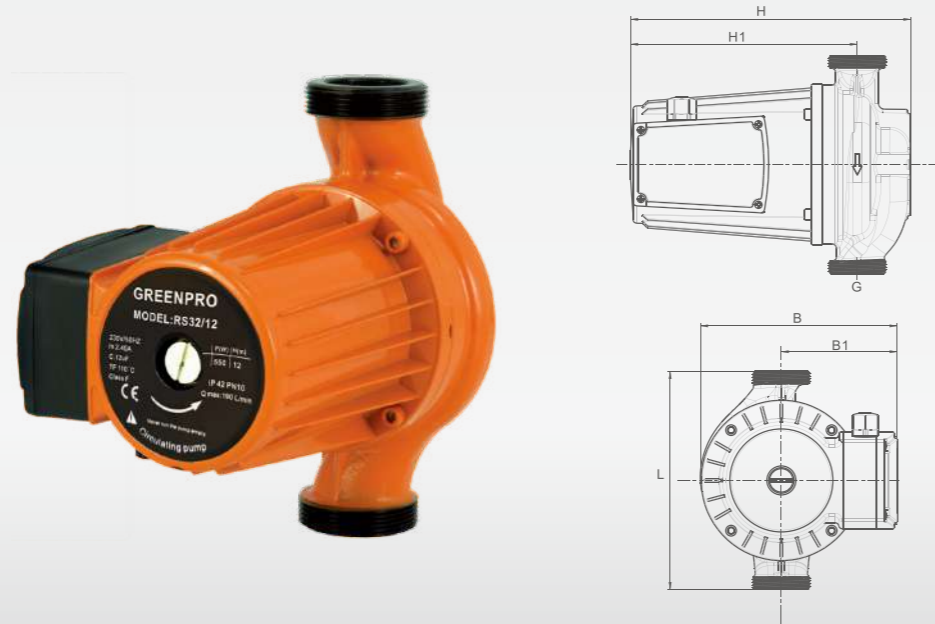
Time Control

Circulating on weekly basis, pump can work automatically.

The pump can be programed for specific Purpose---6phases can be set during a day according to temperature that is set beforehand.

Technical parameter

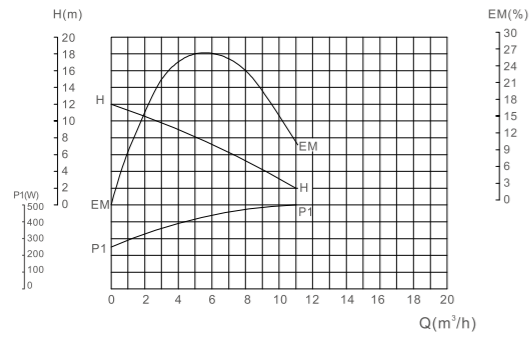
Model	Simple Temp. control	Electronical Temp. control	Internal senser Temp. control	Voltage			Pump housing design				Performance(Max.Head)				Function	
				220V/50Hz	220V/60Hz	127V/60Hz	G type	T type	E type	D type	4m	5m	6m	8m	Time control	Temp control
WK1	●						●	●	●		●	●	●	●		●
WK2		●		●	●	●	●	●	●		●	●	●	●	●	●
YJWK			●							●	●	●	●		●	●



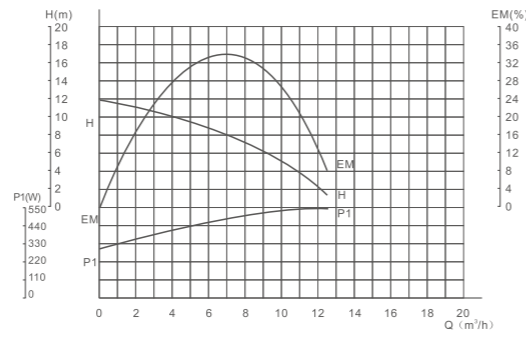
Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage			Material of pump body			Dimension(mm)						Weight (Kg)
	(W)	(m³/h)	(m)	220V/50Hz	220V/60Hz	127V/60Hz	Cast Iron	Brass	Stainless steel	L	B	B1	H	H1	G	
RS 25/9	330	7.8	9	●	●	●	●			180	162	95	231	187	1 1/2"	
RS 25/12	480	9.2	12					220	166	239	1 1/2"					
RS 32/9	350	9	9					180	162	231	2"					
RS 32/12	550	11.5	12					220	166	239	2"					

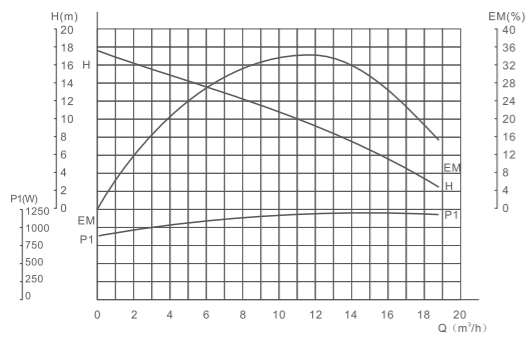
GR370GF GR370



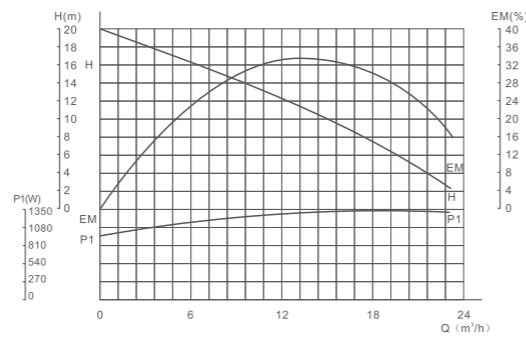
GR550 GR550-DN40 GR550-DN50



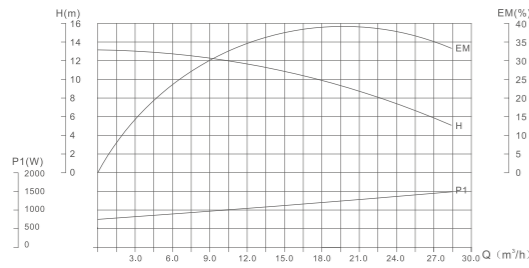
GR750 GR750-DN40 GR750-DN50



GR1100 GR1100-DN40 GR1100-DN50



GR1500

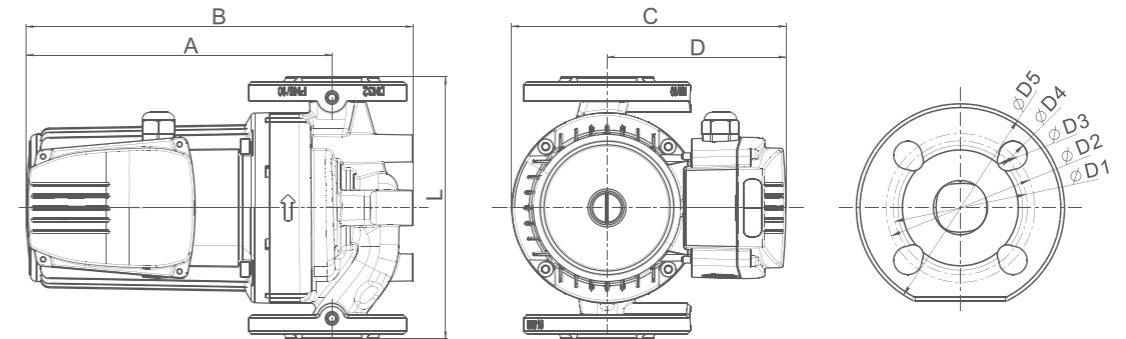


Technical parameter

Model	Power (W)	Max.Flow (m³/h)	Max.Head (m)	Voltage			PUMP Dimension(mm)					Flange Dimension(mm)					Weight (Kg)		
				220V/50Hz	220V/60Hz	380V/50Hz	L	B	B1	H	G	D1	D2	D3	D4	D5			
GF370	400	10.2	11				224	180	59.5	210	2"								9
GR370GF	400	10.5	11				224	163	92	253	2"	93	90.5	12	64	57.2			11
GR550	550	10.5	12				225	160	126	253	2"	128	99	12	70	57.2			14.5
GR750	750	18.6	17				255	219	126	314	2"	128	99	12	70	57.2			24
GR1100	1100	23.1	18				255	219	126	314	2"	128	99	12	70	57.2			25
GR550-DN40	550	12	12	●	●	●	225	162	150	255	2"	150	110	12	77.8	57.2			16
GR750-DN40	750	18.6	17				255	219	150	249	2"	150	110	12	77.8	57.2			25
GR1100-DN40	1100	23.1	20				255	219	150	249	2"	150	110	12	77.8	57.2			25.5
GR550-DN50	550	12	12				225	162	165	255	2"	165	125	12	88.4	57.2			16.5
GR750-DN50	750	18.6	17				255	219	165	249	2"	165	125	12	88.4	57.2			26
GR1100-DN50	1100	23.1	20				255	219	165	249	2"	165	125	12	88.4	57.2			27
GR1500-DN65	1500	28	13				300	211	185	304	2.5"	165	145	18	102.5	72.5			28



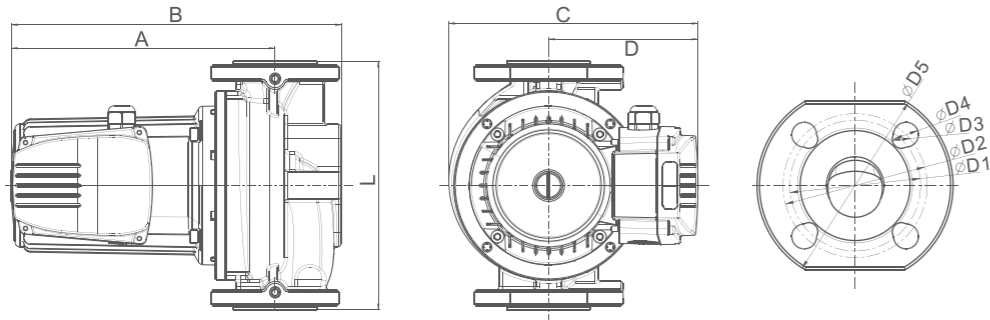
GRS 32 Series



Technical parameter

Model	Power (W)	Max.Flow (m³/h)	Max.Head (m)	Voltage		PUMP Dimension(mm)					Flange Dimension(mm)					
				220V/50Hz	380V/50Hz	L	A	B	C	D	D1	D2	D3	D4	D5	
GRS32-6F	247/206/200	9/8.3/7.1	6.3/6.1/5.8	●		220	233	292	228	80	90	100	14	19	140	DN32
GRS32-6F	235/174/154	9.7/8.5/8.1	6.3/5.8/5.6		●											
GRS32-9F	400/339/300	11.8/10.3/8	9.2/8.9/8.3	●												
GRS32-9F	374/278/257	12.4/10.6/9.85	9.2/8.35/8		●											

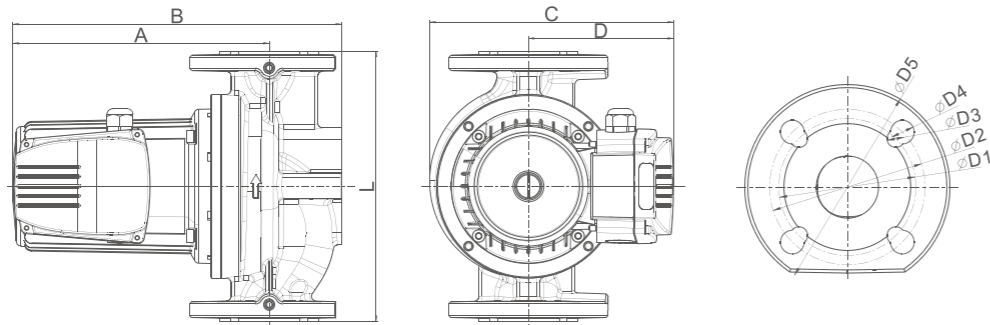
GRS 40 Series



Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)					Flange Dimension(mm)					
	(W)	(m³/h)	(m)	220V/50Hz	380V/50Hz	L	A	B	C	D	D1	D2	D3	D4	D5	
GRS40-6F	260/233/217	10.8/9.9/8.4	6/5.7/5.4	●		250	230	298	228	100	100	110	14	19	150	DN40
GRS40-6F	256/192/175	10.8/9.5/9	6/5.4/5.2		●		230	298	228							
GRS40-9F	568/556/535	14/13.4/12.4	10/9.6/9.1	●			262	329	250							
GRS40-9F	560/431/384	13.7/12.1/11.3	10/8.8/8.3		●		232	299	250							
GRS40-13F	801/733/691	15.8/14.7/12.4	12.8/12.1/11	●			262	329	250							
GRS40-13F	751/542/476	15.3/12.7/11.6	12.5/10.4/9.5		●		232	299	250							
GRS40-18F	1100/893/770	16.2/14.2/11	17.2/15.9/13.7	●			262	329	250							
GRS40-18F	1086/707/594	16.5/12.8/11.3	17.5/13.1/11.2		●		262	329	250							

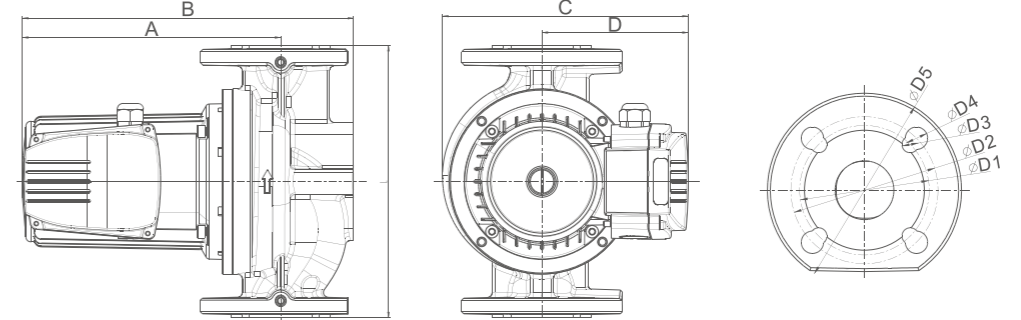
GRS 50 Series



Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)					Flange Dimension(mm)					
	(W)	(m³/h)	(m)	220V/50Hz	380V/50Hz	L	A	B	C	D	D1	D2	D3	D4	D5	
GRS50-6F	410/360/310	15.5/13.2/9.8	6.2/6/5.6	●		280	209	281	236	88	110	125	14	19	165	DN50
GRS50-6F	360/260/230	15.5/12.6/11.4	6.1/5.4/5.1		●		209	281	236	88						
GRS50-9F	763/668/643	20.4/18.9/16.5	9.4/9.2/8.9	●			239	331	236	88						
GRS50-9F	680/500/455	20.1/17/15.2	9.2/8.3/7.6		●		209	281	236	88						
GRS50-13F	1140/955/790	24.9/21.2/15.6	13/12.4/11.4	●			262	337	252	102						
GRS50-13F	1155/750/620	25.9/19.6/17.5	12.5/10.5/9.6		●		262	337	252	102						
GRS50-18F	1160/960/800	23.2/20/14.8	17.4/16.1/13.5	●			262	337	252	102						
GRS50-18F	1280/970/877	24.7/22.1/20.6	17.9/15.7/14.6		●		262	337	252	102						

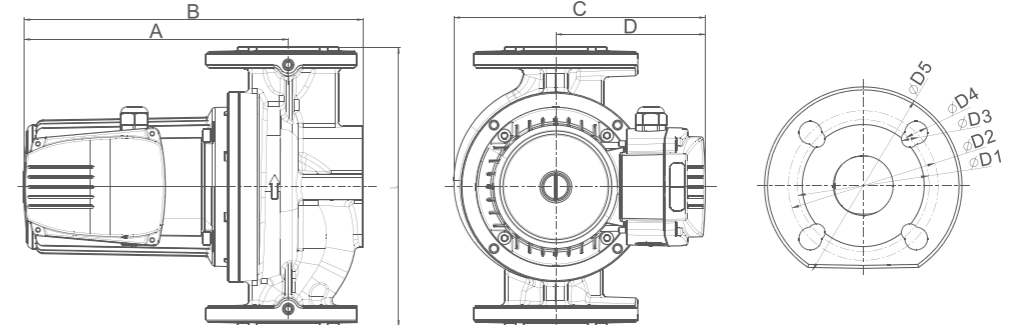
GRS 65 Series



Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)					Flange Dimension(mm)					
	(W)	(m³/h)	(m)	220V/50Hz	380V/50Hz	L	A	B	C	D	D1	D2	D3	D4	D5	
GRS65-6F	590/473/446	25.8/25.3/23.8	6.2/6.1/6	●		340	256	341	246	96	130	145	14	19	185	DN65
GRS65-6F	490/374/342	25.3/22.2/20.9	5.9/5.1/4.7		●		226	311	246							
GRS65-9F	1057/850/741	36/30/27	10/9.5/8.9	●			256	341	246							
GRS65-9F	1010/672/570	36/27.4/24	10/8.4/7.7		●		256	341	246							
GRS65-9F	1010/672/570	36/27.4/24	10/8.4/7.7		●		256	341	246							
GRS65-13F	1420/1055/934	40.8/34.5/32.8	13.2/11.9/11.2		●		286	371	246							

GRS 80 Series



Technical parameter

Model	Power	Max.Flow	Max.Head	Voltage		PUMP Dimension(mm)					Flange Dimension(mm)				
	(W)	(m³/h)	(m)	220V/50Hz	380V/50Hz	L	A	B	C	D	D1	D2	D3	D4	D5
GRS80-6/4F	707/606/450	40.8/35.6/23.7	5.1/4.7/3.9	●		360	308	415	276	126	160	8*19	200	DN80	
GRS80-6/4F	780/500/430	44/35.5/32	5.2/4.4/4.1		●										
GRS80-9F	1492/1069/940	52.8/44.1/40.5	9.2/7.8/7.2		●										



RS12/9G



RS12/10G(GS/GP/GB)



RS12/9GP



RS12/9GS



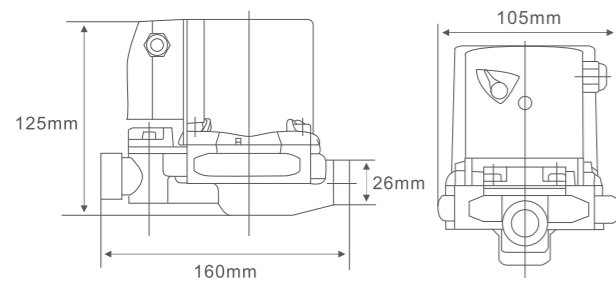
RS12/9GB



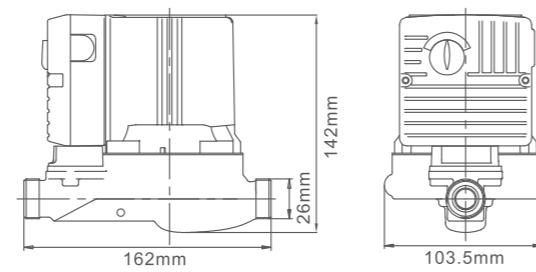
RS25/12Z(ZS)



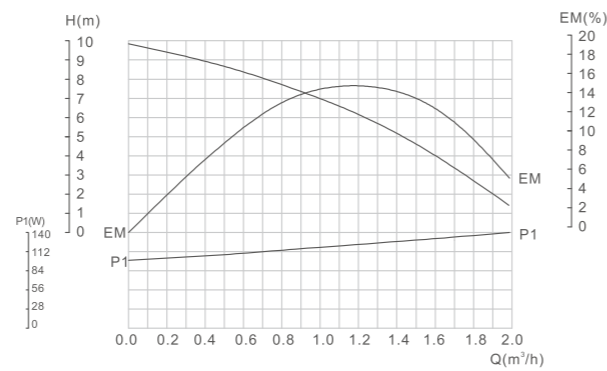
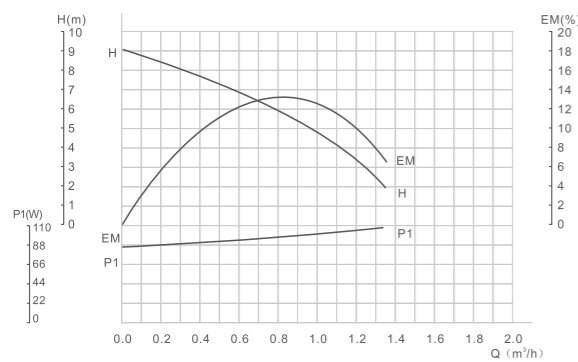
RS25/12ZS



RS12/9G(GS/GP/GB)



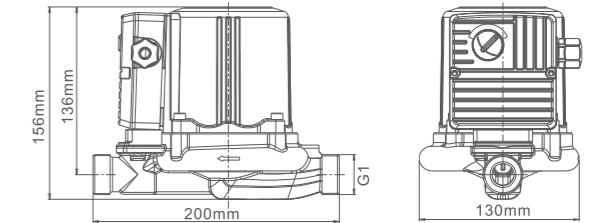
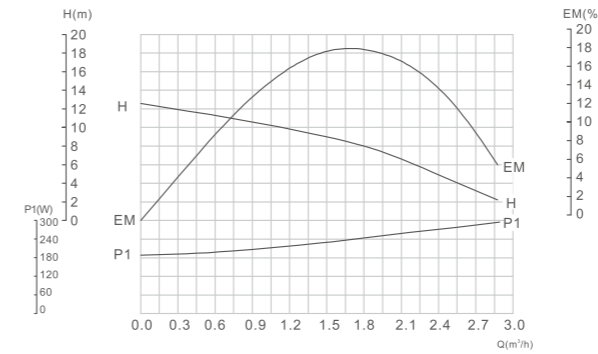
RS12/10G(GS/GP/GB)



Technical parameter

Model	Power (W)	Max.Flow (m³/h)	Max.Head (m)	Voltage			Pump housing design			Dimension(mm)				Weight (Kg)
				220V/50HZ	220V/60HZ	127V/60HZ	G type	T type	E type	L	B	H	G	
RS12/9G	105	1.38	9	●	●	●	●	●	●	160	105	125	3/4"	2.4
RS12/9GP				2.2										
RS12/9GS				2.4										
RS12/9GB				2.6										
RS12/10G	140	1.8	10	●	●	●	●	●	●	162	103.5	142	3/4"	2.8
RS12/10GP				2.6										
RS12/10GS				2.8										
RS12/10GB				3.0										

RS25/12Z(ZS)



Technical parameter

Model	Power (W)	Max.Flow (m³/h)	Max.Head (m)	Voltage			Pump housing design			Dimension(mm)				Weight (Kg)
				220V/50HZ	220V/60HZ	127V/60HZ	G type	T type	E type	L	B	H	G	
RS20/12Z	275	3.1	12	●	●	●	●	●	●	200	130	156	1"	4.5
RS20/12ZS				4.3										



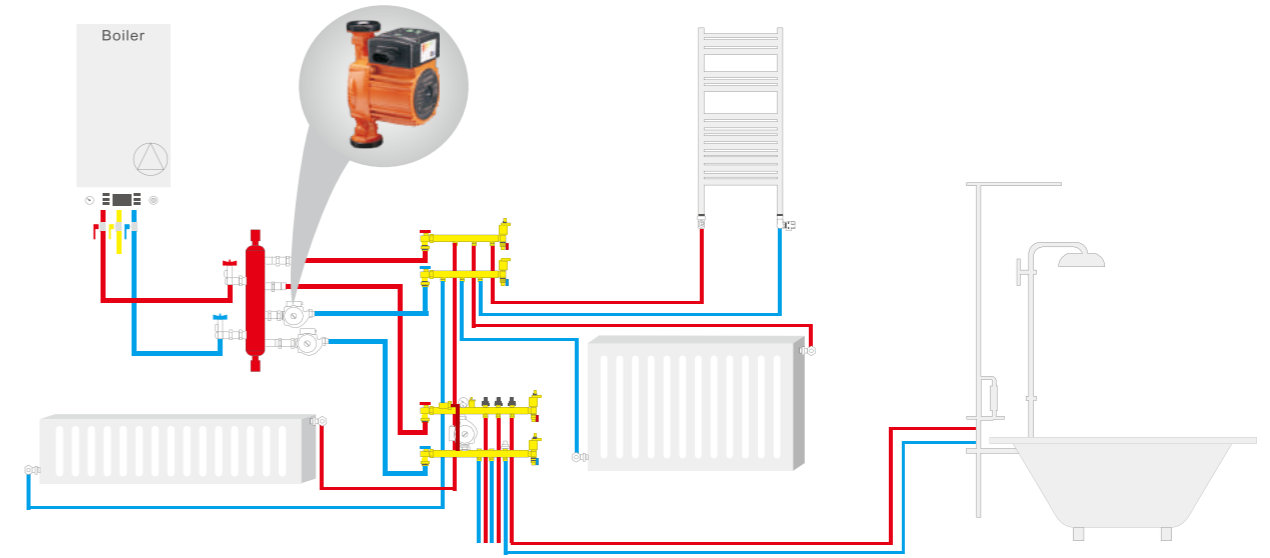
**Feature:**

Long service life, large flow and high lift  
Compact design

**Application:**

For various machinery  
Pressure boosting in household  
Small HVAC circulation system

Materials	
Pump Body	Cast Iron
Impeller	PPO
Shaft	S.S 304
Mechanical Seal	Silicon carbide & graphite(120°C)
Bearing	Customized hot water bearing
Motor	Copper



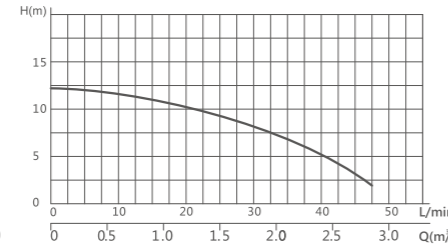
**Operation condition:**

1. Apply to heating system
2. Max. system pressure:10bar
3. Operation condition:
  - Ambient Temperature:0°C~40°C
  - Ambient Humidity:95%
  - Liquid Temperature:2°C~95°C
  - Ambient temperature must be lower than liquid temperature, in order to avoid condensate water produced in the interior of stator.
4. Liquid : Clean, non-coorsive and non-explosive liquids, without any particle ,fiber or mineral oil. Water/glycol mixtures max. mixing ratio:1:1
5. Dry running no more than 10min.

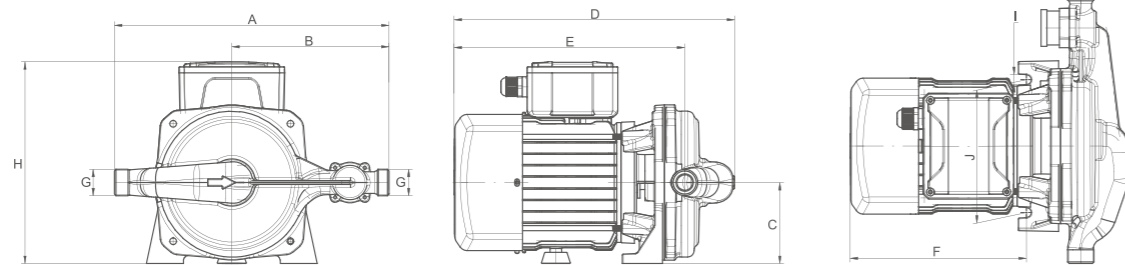
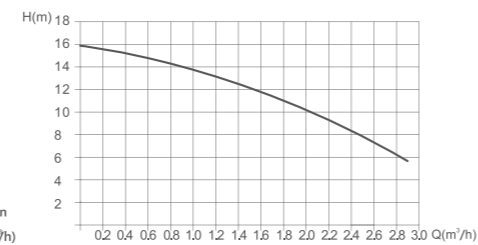
GB 12-091



GB12-12

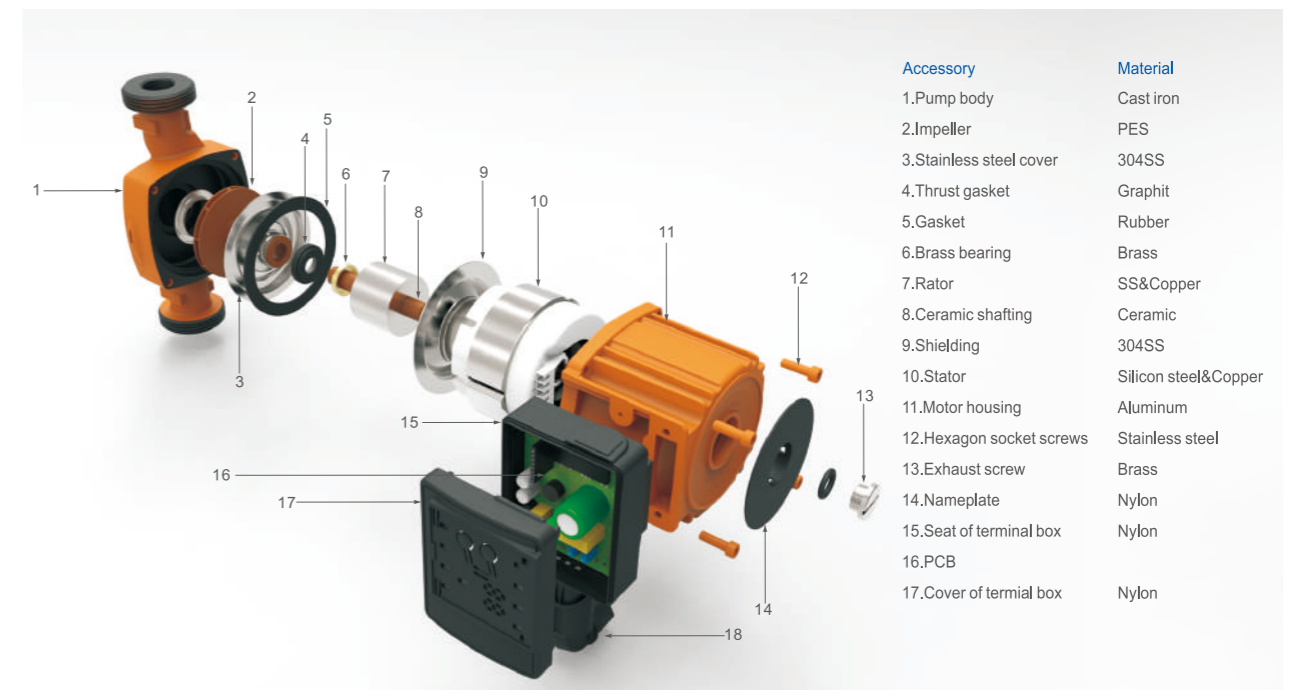


GB 12-17



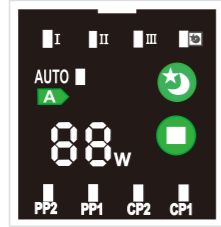
**Technical parameter**

Model	Power	Max.Flow	Max.Head	Voltage	PUMP Dimension(mm)									
	(W)	(m³/h)	(m)		220V/50Hz	A	B	C	D	E	F	H	I	J
GB 12-091	135	2.5	9	●	178	89	58	192.7	170.6	121	150.4	7	88	G3/4
GB 12-12	320	2.8	12		275.5	156	80	278.3	228.8	174.8	200	10	132	G3/4
GB 12-17	335	2.95	16		260	155	80	273.4	234	174.8	200	10	132	G3/4

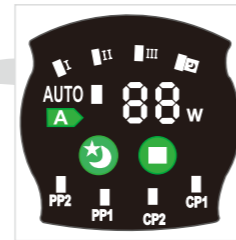




**EA Series**

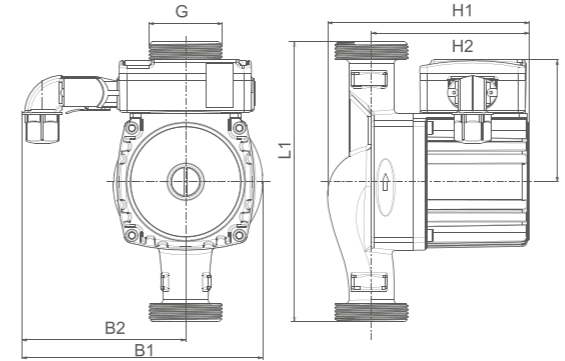


**EAB Series**

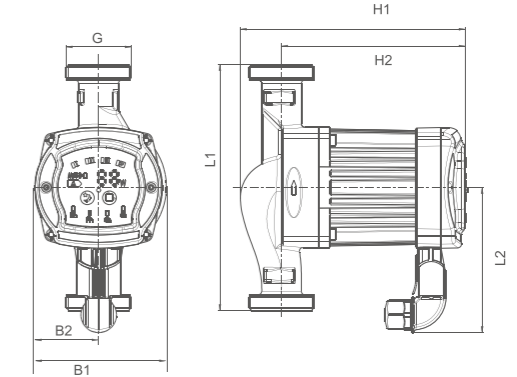


Setting	pump curve	Function
PP1	Lowest proportional-pressure curve	The duty point of the pump will move up or down on the lowest proportional-pressure curve, depending on heating demand. The head (pressure is reduced at falling heating demand and increased at rising heating demand)
PP2	Highest proportional-Pressure curve	The duty point of the pump will move up or down on the highest proportional-pressure curve, depending on heating demand. The head (pressure is reduced at falling heating demand and increased at rising heating demand)
CP1	Lowest constant-Pressure curve	The duty point of the pump will move out or in constant-pressure curve, depending on the heating demand. The head (pressure) is kept constant, irrespective of the heating demand.
CP2	Highest constant-Pressure curve	The duty point of the pump will move out or in constant-pressure curve, depending on the heating demand. The head (pressure) is kept constant, irrespective of the heating demand.
III	Speed III	Pump runs at a constant speed and consequently on a constant curve. In speed III, the pump is set to run on the Max. curve under all operating conditions. Quick venting of the pump can be obtained by setting the pump to speed III for a short period.
II	Speed II	Pump runs at a constant speed and consequently on a constant curve. In speed II, the pump is set to run on the Medium curve under all operating conditions.
I	Speed I	Pump runs at a constant speed and consequently on a constant curve. In speed I, the pump is set to run on the Min. curve under all operating conditions.
AUTO (EX-factory Setting)		Under "AUTO" mode, the power of pump automatically be up or down according to flow of system in certain condition.
night mode		Pump runs select to night mode, after one hour the power automatically down, after two hours, it will be down lowest between 5-10watt, after seven hours, the pump auto mode eliminate and recovery to original condition.

**EA Series**



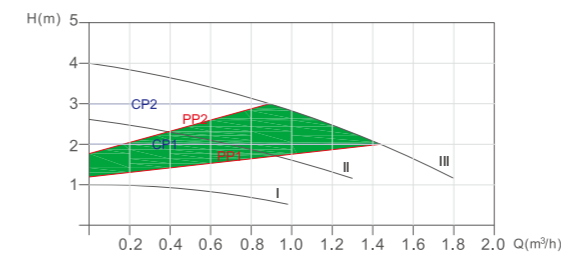
**EAB Series**



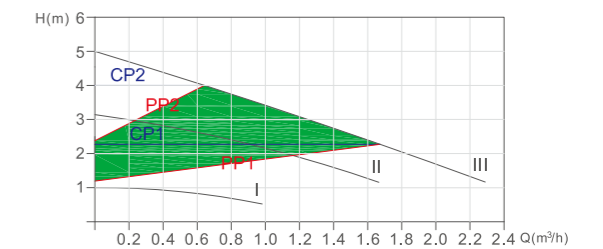
**Technical parameter**

Model	Power (W)	Max.Flow (m³/h)	Max.Head (m)	Voltage (V)	Mater of pump body				Dimension(mm)							Weight (Kg)	
					Cast Iron	Plastic	Brass	Stainless steel	L1		L2	B1	B2	H1	H2		G
									130	180							
RS15/4EA	5~22	1.8	4	220/50	●		●	●	●	●	80	155	105	129	101	1"	2.1
RS25/4EA		2.6			●	●	●	●	●	80	155	105	129	101	1 1/2"	2.3	
RS32/4EA		3			●	●	●	●	●	80	155	105	129	101	2"	2.4	
RS15/5EA	5~32	2.3	5		●	●	●	●	●	●	80	155	105	129	101	1"	2.1
RS25/5EA		3.1			●	●	●	●	●	80	155	105	129	101	1 1/2"	2.3	
RS32/5EA		3.4			●	●	●	●	●	80	155	105	129	101	2"	2.4	
RS15/6EA	5~45	2.4	6		●	●	●	●	●	●	80	155	105	129	101	1"	2.1
RS25/6EA		3.6			●	●	●	●	●	80	155	105	129	101	1 1/2"	2.3	
RS32/6EA		3.6			●	●	●	●	●	80	155	105	129	101	2"	2.4	
RS15/7EA	5~47	2.7	7		●	●	●	●	●	●	80	155	105	129	101	1"	2.1
RS25/7EA		3.7			●	●	●	●	●	80	155	105	129	101	1 1/2"	2.3	
RS32/7EA		3.7			●	●	●	●	●	80	155	105	129	101	2"	2.4	
RS15/4EAB	5~22	1.8	4	220/50	●		●	●	●	●	106	96	46	165	136	1"	2.1
RS25/4EAB		2.6			●	●	●	●	●	106	96	46	165	136	1 1/2"	2.3	
RS32/4EAB		3			●	●	●	●	●	106	96	46	165	136	2"	2.5	
RS15/5EAB	5~32	2.3	5		●	●	●	●	●	●	106	96	46	165	136	1"	2.1
RS25/5EAB		3.1			●	●	●	●	●	106	96	46	165	136	1 1/2"	2.3	
RS32/5EAB		3.4			●	●	●	●	●	106	96	46	165	136	2"	2.5	
RS15/6EAB	5~45	2.4	6		●	●	●	●	●	●	106	96	46	165	136	1"	2.1
RS25/6EAB		3.6			●	●	●	●	●	106	96	46	165	136	1 1/2"	2.3	
RS32/6EAB		3.6			●	●	●	●	●	106	96	46	165	136	2"	2.5	
RS15/7EAB	5~47	2.7	7		●	●	●	●	●	●	106	96	46	165	136	1"	2.1
RS25/7EAB		3.7			●	●	●	●	●	106	96	46	165	136	1 1/2"	2.3	
RS32/7EAB		3.7			●	●	●	●	●	106	96	46	165	136	2"	2.5	

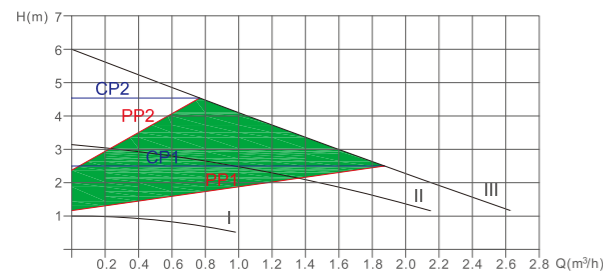
RS15/4EA(EAB)



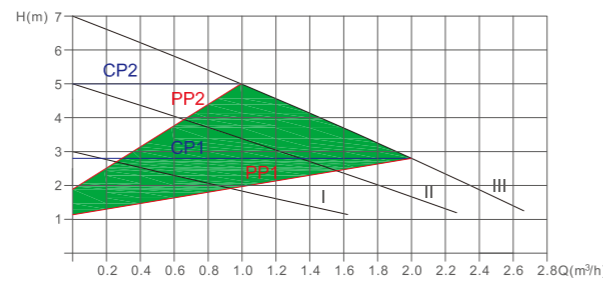
RS15/5EA(EAB)



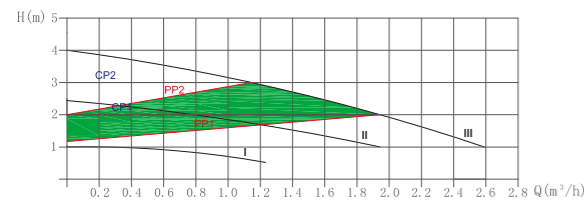
RS15/6EA(EAB)



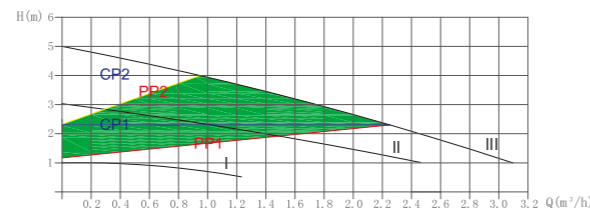
RS15/7EA(EAB)



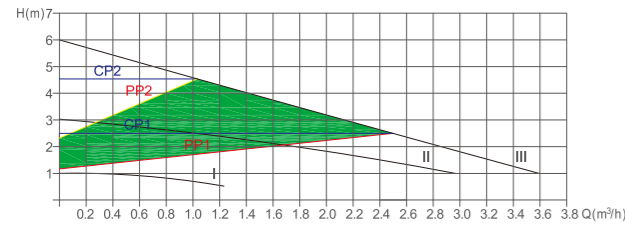
RS25/4EA(EAB)



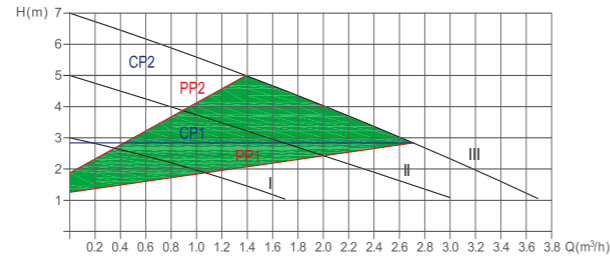
RS25/5EA(EAB)



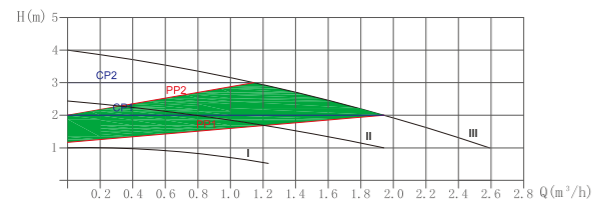
RS25/6EA(EAB)



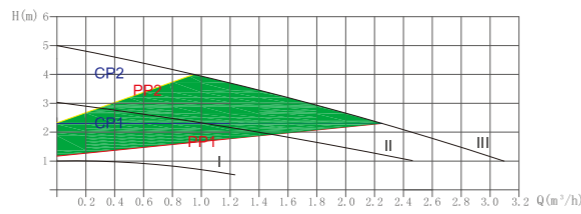
RS25/7EA(EAB)



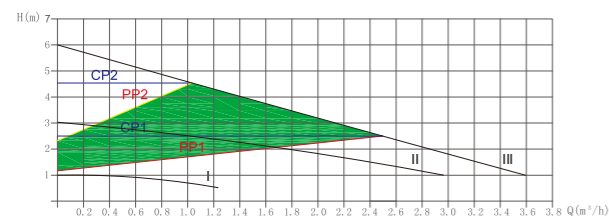
RS32/4EA(EAB)



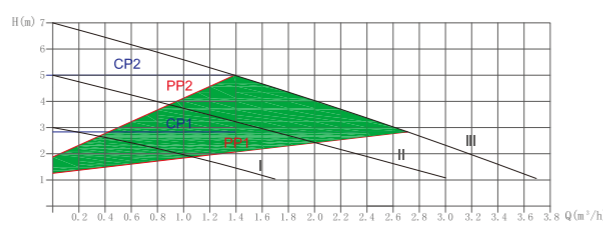
RS32/5EA(EAB)



RS32/6EA(EAB)



RS32/7EA(EAB)



**Product features**

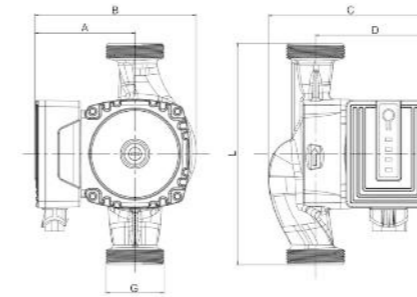
Shielding pump, variable frequency adaptive, quiet and efficient

**Applications**

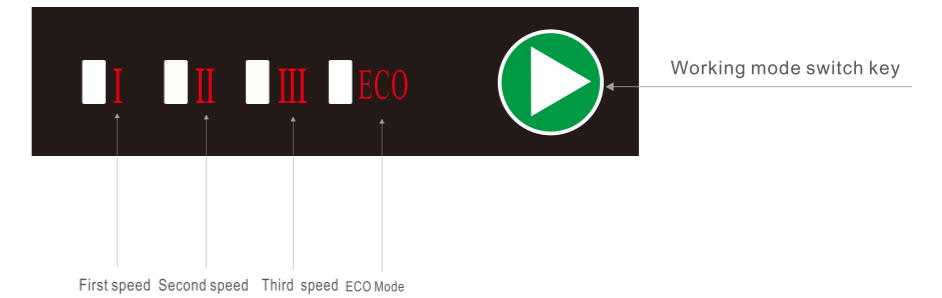
Air conditioning, refrigeration secondary system  
Combined heating and circulation

**Materials**

Pump body: cast iron  
Impeller: PES  
Bearing: Ceramic  
Shaft: Ceramic  
Motor: International class H high temperature copper wire

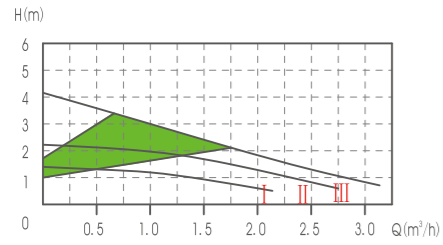


**Operation interface**

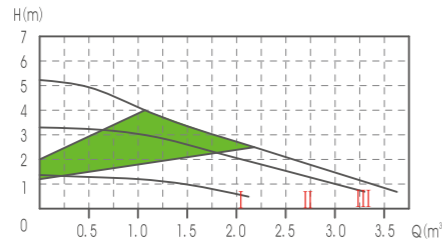


Model	Power (W)	Max. Flow (m³/h)	Max. Head (m)	Voltage (V)	Mater of pump body				Dimension(mm)							
					Cast Iron	Plastic	Brass	Stainless steel	G	A	B	C	D	L		
RS25/4EA-C3	22	3	4	220/50	●					1.5	81	131	142	106	130	
RS25/4EA-C8	22	3	4								1.5	81	131	135	96	180
RS32/4EA-C8	22	3	4								2	81	131	135	96	180
RS25/5EA-C3	32	3.4	5								1.5	81	131	142	106	130
RS25/5EA-C8	32	3.4	5								1.5	81	131	135	96	180
RS32/5EA-C8	32	3.4	5								2	81	131	135	96	180
RS25/6EA-C3	45	3.7	6								1.5	81	131	142	106	130
RS25/6EA-C8	45	3.7	6								1.5	81	131	135	96	180
RS32/6EA-C8	45	3.7	6								2	81	131	135	96	180
RS25/7EA-C3	52	4	7								1.5	81	131	142	106	130
RS25/7EA-C8	52	4	7								1.5	81	131	135	96	180
RS32/7EA-C8	52	4	7								2	81	131	135	96	180
RS25/8EA-C3	63	5.2	8								1.5	81	131	142	106	130
RS25/8EA-C8	63	5.2	8								1.5	81	131	135	96	180
RS25/9EA-C3	90	5.4	9								1.5	81	131	142	106	130
RS25/9EA-C8	90	5.4	9								1.5	81	131	135	96	180
RS25/10EA-C3	100	5.7	10								1.5	81	131	142	106	130
RS25/10EA-C8	100	5.7	10								1.5	81	131	135	96	180
RS25/12EA-C3	120	6.1	12								1.5	81	131	142	106	130
RS25/12EA-C8	120	6.1	12								1.5	81	131	135	96	180
RS32/8EA-C8	63	5.2	8					●			2	81	131	135	96	180
RS32/9EA-C8	90	5.4	9					●			2	81	131	135	96	180
RS32/10EA-C8	100	5.7	10					●			2	81	131	135	96	180
RS32/12EA-C8	120	6.1	12					●			2	81	131	135	96	180

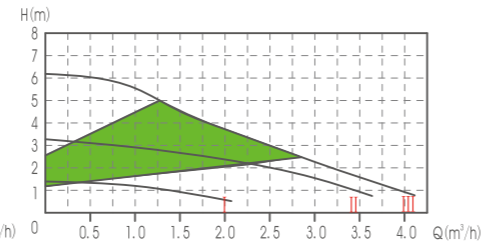
RS25/4EA-C3



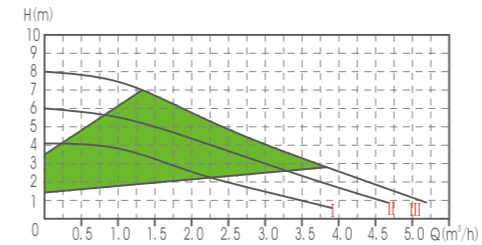
RS25/5EA-C3



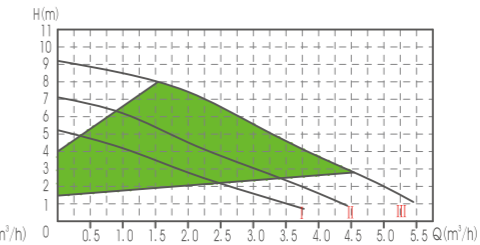
RS25/6EA-C3



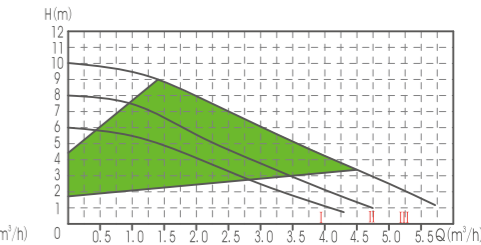
RS25/8EA-C8



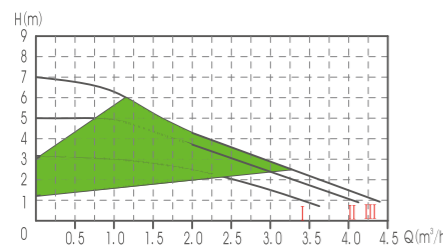
RS25/9EA-C8



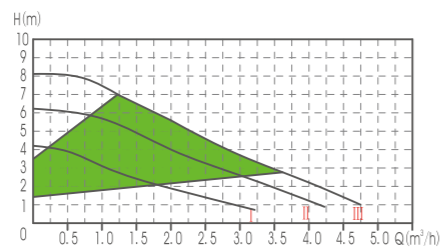
RS25/10EA-C8



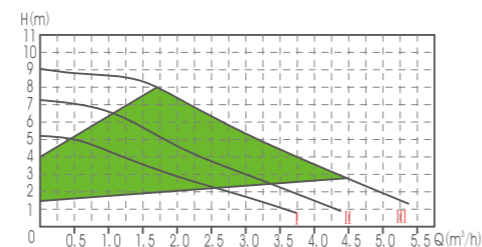
RS25/7EA-C3



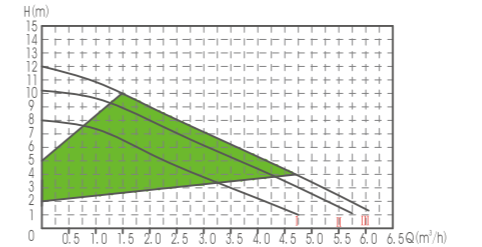
RS25/8EA-C3



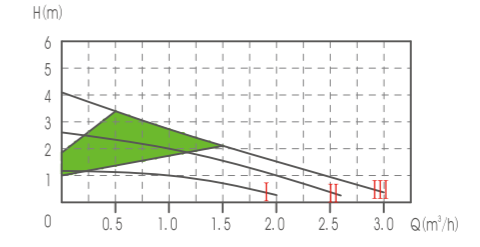
RS25/9EA-C3



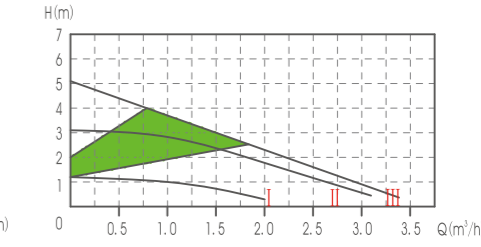
RS25/12EA-C8



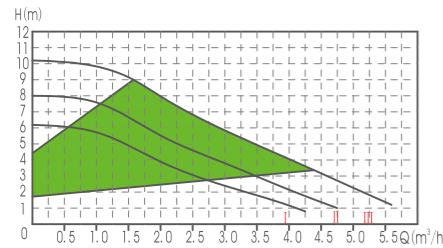
RS32/4EA-C8



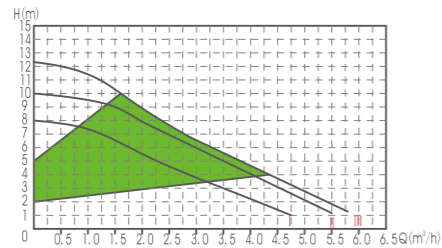
RS32/5EA-C8



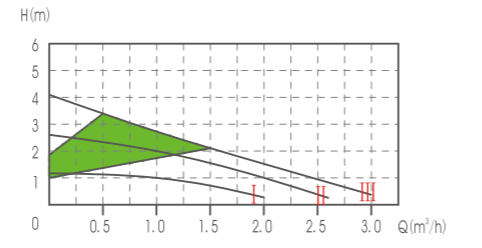
RS25/10EA-C3



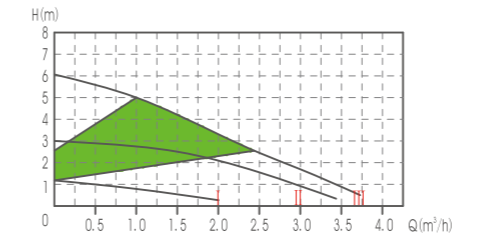
RS25/12EA-C3



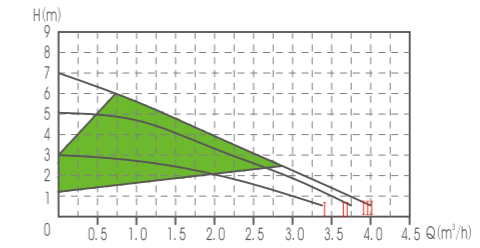
RS25/4EA-C8



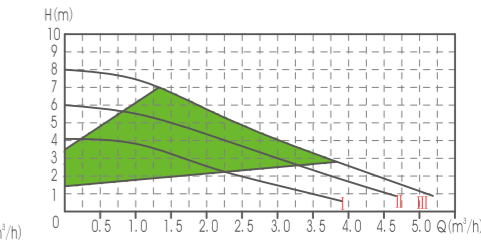
RS32/6EA-C8



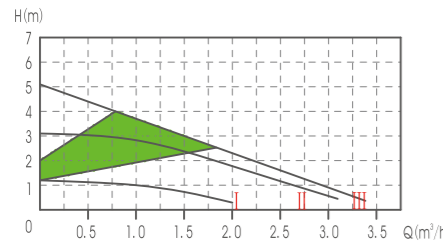
RS32/7EA-C8



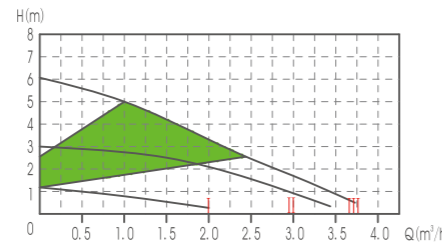
RS32/8EA-C8



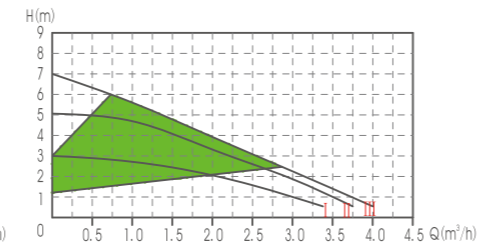
RS25/5EA-C8



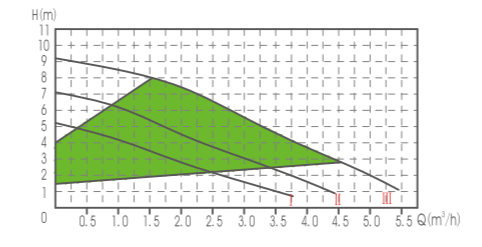
RS25/6EA-C8



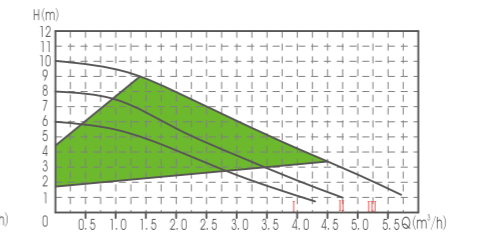
RS25/7EA-C8



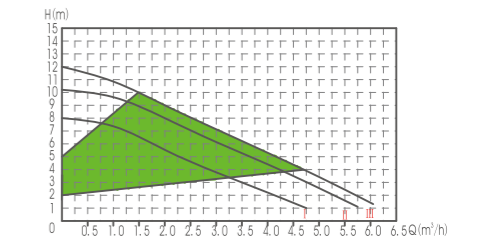
RS32/9EA-C8



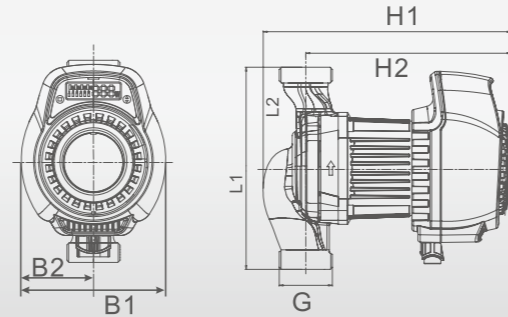
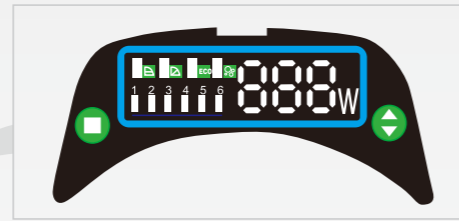
RS32/10EA-C8



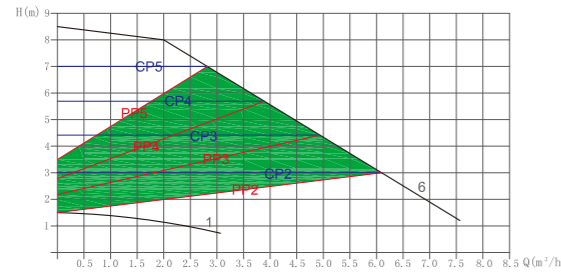
RS32/12EA-C8



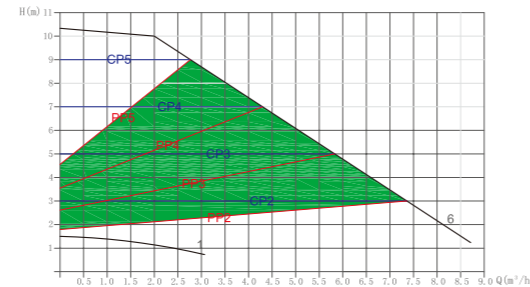
**EA Series**



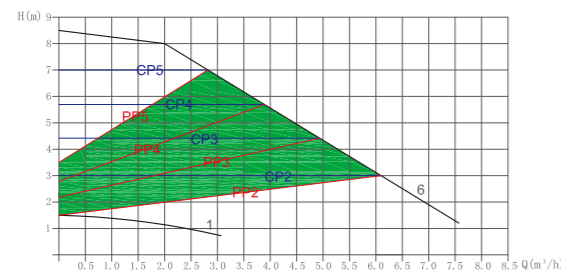
**RS25/8EA**



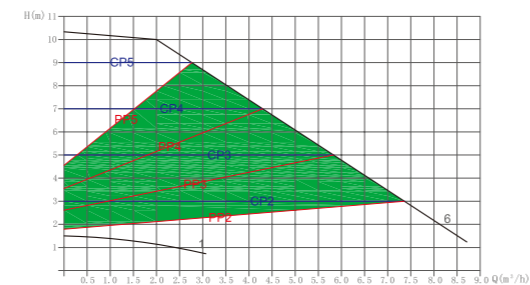
**RS32/8EA**



**RS25/10EA**



**RS32/10EA**



**Technical parameter**

Model	Power	Max.Flow	Max.Head	Voltage	Mater of pump body				Dimension(mm)						Weight(Kg)			
	(W)	(m³/h)	(m)		Cast Iron	Plastic	Brass	Stainless steel	L1	L2	B1	B2	H1	H2		G		
RS25/8EA	10~130	7.6	8	220/50	●		●	180	90	129	64.5	236	184	1 1/2"	3.3			
RS32/8EA		7.8						180	90	129	64.5	236	184	2"		3.4		
RS25/10EA	10~180	8.6	10					●		●	180	90	129	64.5	236		184	1 1/2"
RS32/10EA		8.8									180	90	129	64.5	236	184	2"	3.4

**Pos.**

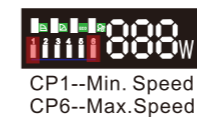
1		Light in Constant Pressure
2		Light in Proportional Pressure
3		ECO mode
4		Light in Air-Vent (Press Setting Button for 5~6seconds)
5		Power Light
6		Button for change of control mode (The button is used for change the pumps modes, for example: from constant pressure to proportional pressure, or to ECO mode, also can for Air-venting mode.)
7		Light for each speeds (The 6 lights are shown the different working conditions. Only under two modes(constant pressure and proportional pressure, these lights can be chosen.)
8		Button for setting (This button is used for setting the different speeds(light in 1,2,3,4,5,6) for two modes. Using this button, we can chose the speeds from Max.to Min.. )

**Control Panel Pump Curve**

**Description**



The operating point moves back and forth on the curve according to the volume of flow from the system. As shown in the graph, the pump pressure remains constant, not affected by the volume demands of flow.



The two speeds are the Min. and Max. ones under constant pressure, the curve shown as in graph. can not keep constant. It rises and goes down as manual operation.



The operating point moves back and forth on the proportional pressure curve according to the volume of flow from system. As shown in the graph. the pump pressure is directly proportional to the flow demands.



The two speeds are the Min. and Max. ones under proportional pressure, the curve shown as in graph. can not keep constant. It rises and goes down as manual operation.



This mode use working as "auto adaptation". It confines the performance of the pumps in aimed scope. As shown in graph.:  
1.Performance can be adjusted according to the scale of system  
2.Performance can be adjusted according to the changing of load during a specific period. Under the mode of ECO", the pump is controlled by means of proportional pressure.



RS 600EA

**Product features**

→ Shielding pump, variable frequency adaptive, quiet and efficient

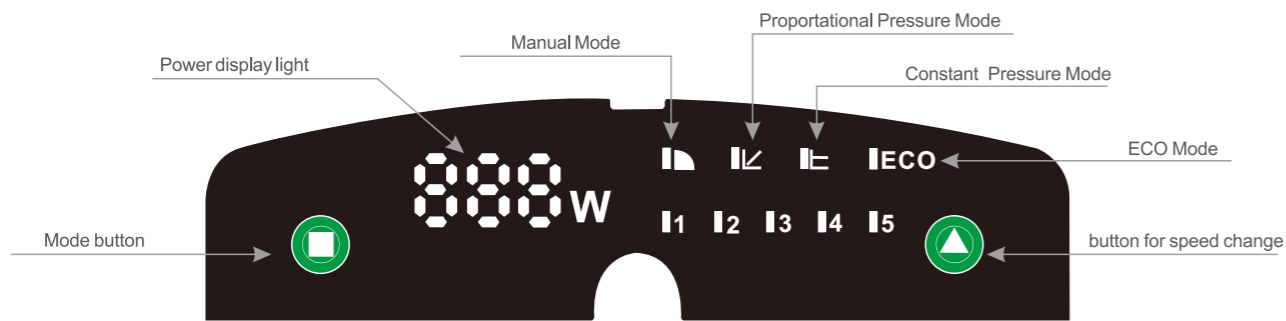
**Applications**

→ Air conditioning, refrigeration secondary system  
→ Combined heating and circulation

**Product advantage**

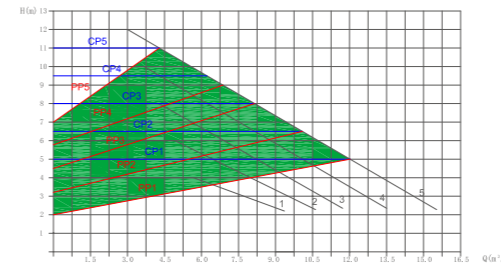
→ Permanent magnet motor → Memory function  
→ Frequency conversion technology → Constant voltage automatic function  
→ Use hot and cold water at the same time- pressurization and circulation.  
→ Protection function : rotor locked protection, open circuit protection, overheat protection, short circuit protection.

**Operation interface**

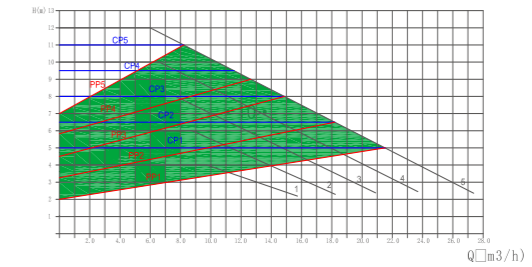


	Manual Mode
	Proportational Pressure Mode
	Constant Pressure Mode
	ECO Mode
	Light for each speeds
	Mode button
	Button for speed change
	Power display Light

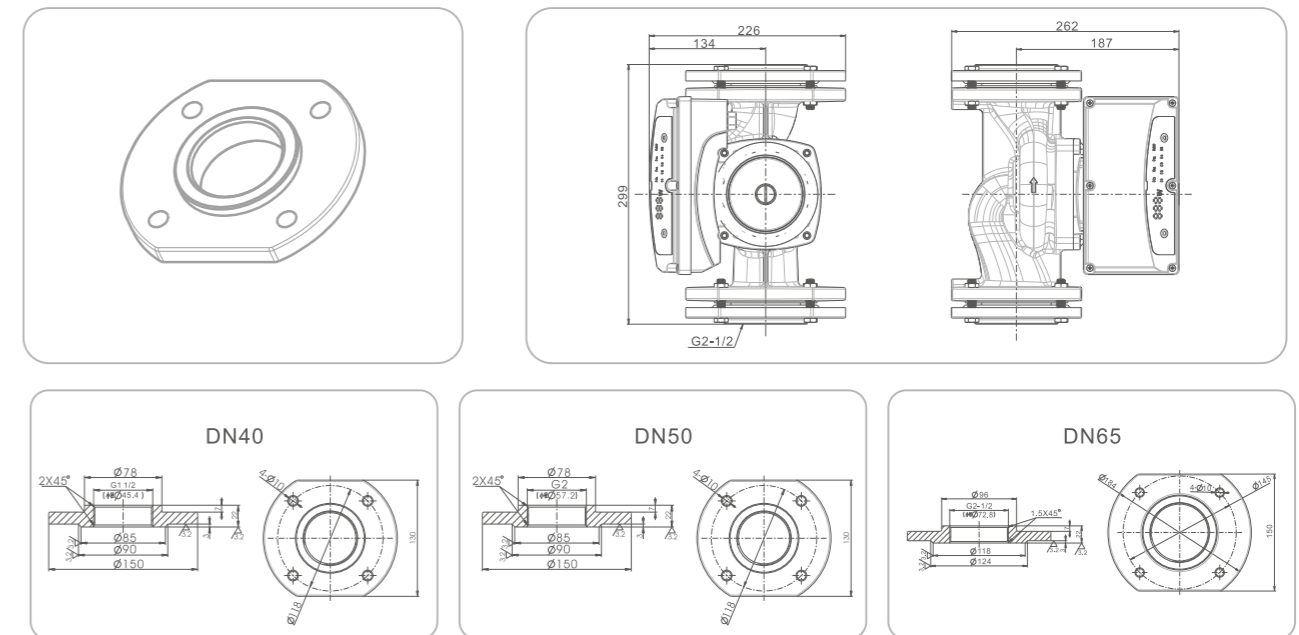
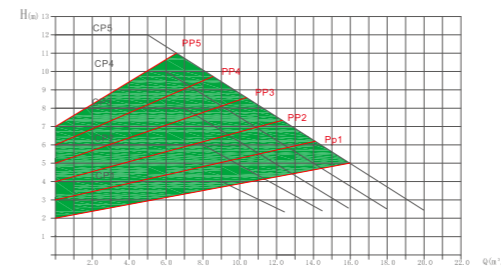
**RS600EA-DN40**



**RS600EA-DN65**



**RS600EA-DN50**



**Technical parameter**

Model	Connection Size (Inch)	Rated flow (m³/h)	Rated head (m)	Max. Head (m)	Rated Power (W)	Input Power (W)
RS600EA-DN40	2"	7	9.5	12	600	600
RS600EA-DN50	2"	12	9.5	12	600	600
RS600EA-DN65	2"	13	9.5	12	600	600



RS 25/6EAY

**Product features**

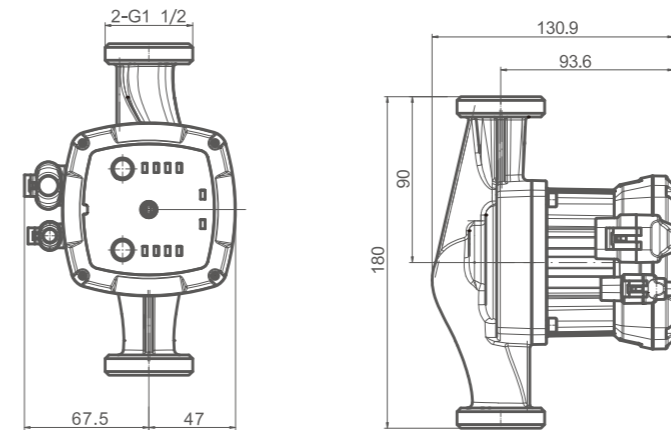
→ Shielding pump, variable frequency adaptive, quiet and efficient

**Applications**

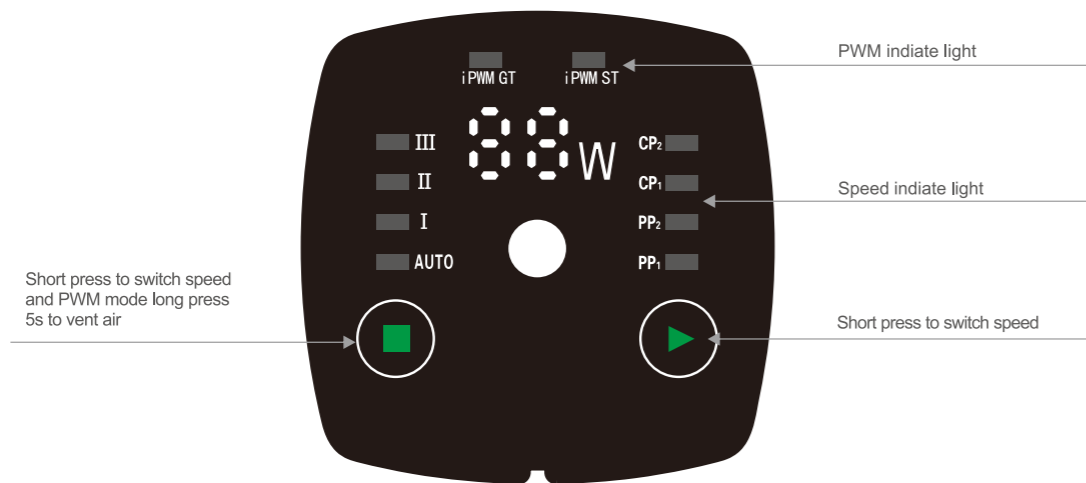
→ Air conditioning, refrigeration secondary system  
→ Combined heating and circulation

**Materials**

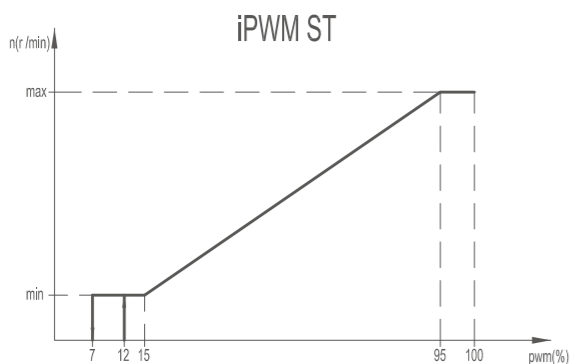
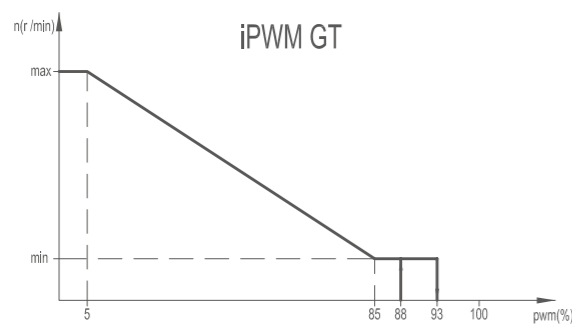
→ Pump body: cast iron  
→ Impeller: PES  
→ Bearing: Ceramic  
→ Shaft: Ceramic  
→ Motor: International class H high temperature copper wire



**Operation interface**



Short press to switch speed  
and PWM mode long press  
5s to vent air

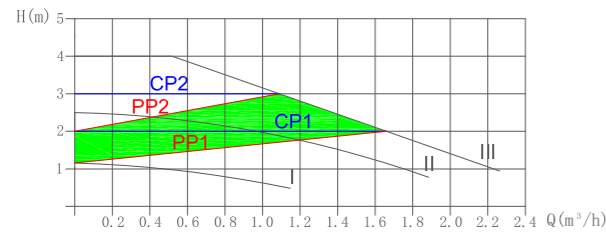


⊗ The PWM could be customized for real application

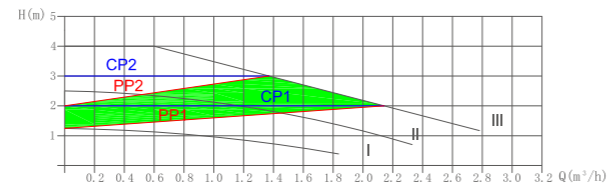
**Technical parameter**

Model	Power	Max.Flow	Max.Head	Voltage	Body Length		G
	(W)	(m <sup>3</sup> /h)	(m)		130	180	
RS15/4EAY-130	5-22	2.2	4	220/50	●		1"
RS25/4EAY-130		2.8			●	1 1/2"	
RS25/4EAY-180		3				●	1 1/2"
RS32/4EAY-180		3				●	2"
RS15/5EAY-130	5-32	2.6	5		●		1"
RS25/5EAY-130		3.2			●	1 1/2"	
RS25/5EAY-180		3.6				●	1 1/2"
RS32/5EAY-180		3.6				●	2"
RS15/6EAY-130	5-45	3	6		●		1"
RS25/6EAY-130		3.6			●	1 1/2"	
RS25/6EAY-180		4				●	1 1/2"
RS32/6EAY-180		4				●	2"
RS15/7EAY-130	5-52	3.6	7	●		1"	
RS25/7EAY-130		3.8		●	1 1/2"		
RS25/7EAY-180		4.2			●	1 1/2"	
RS32/7EAY-180		4.2			●	2"	
RS15/8EAY-130	5-52	3.6	8	●		1"	
RS25/8EAY-130		3.8		●	1 1/2"		
RS25/8EAY-180		4.2			●	1 1/2"	
RS32/8EAY-180		4.2			●	2"	

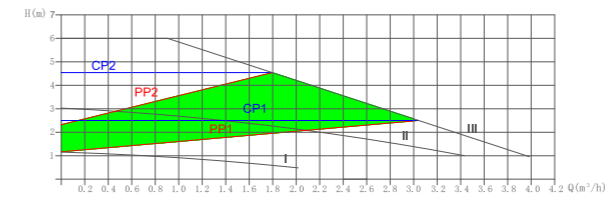
RS15/4EAY-130



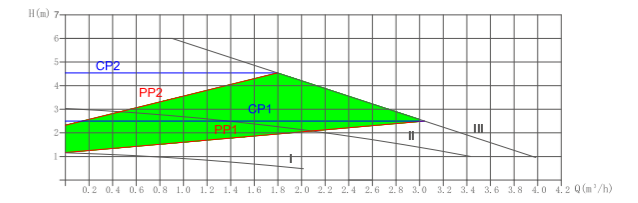
RS25/4EAY-130



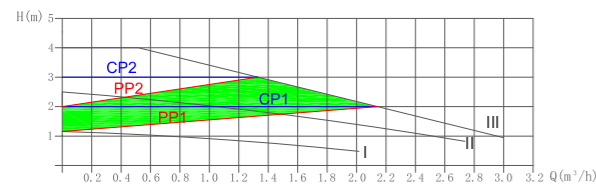
RS25/6EAY-180



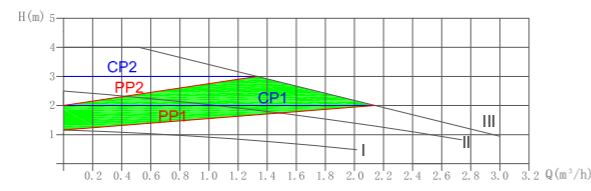
RS32/6EAY-180



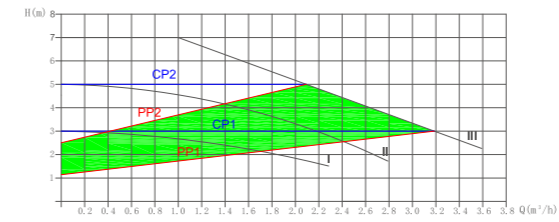
RS25/4EAY-180



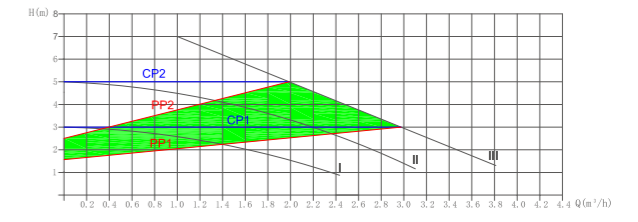
RS32/4EAY-180



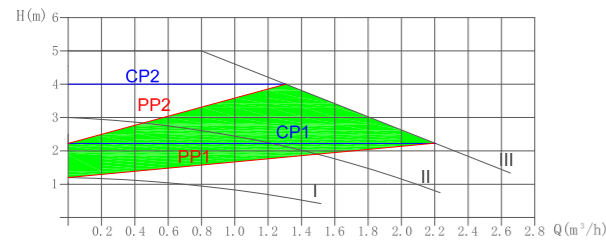
RS15/7EAY-130



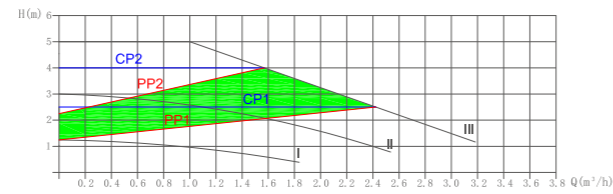
RS25/7EAY-130



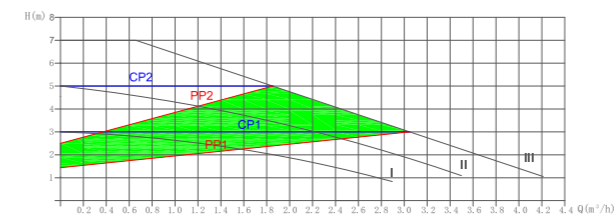
RS15/5EAY-130



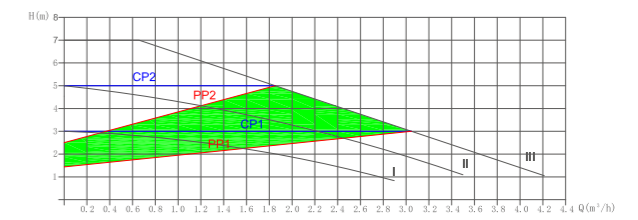
RS25/5EAY-130



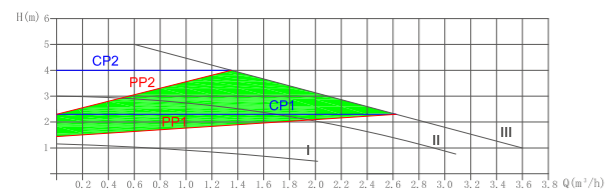
RS25/7EAY-180



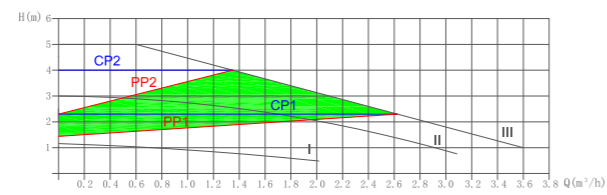
RS32/7EAY-180



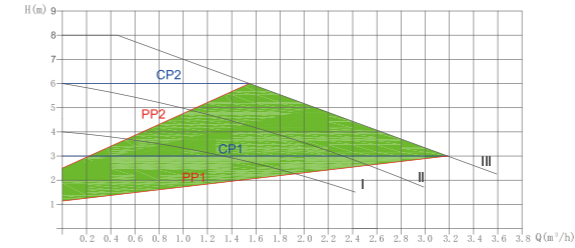
RS25/5EAY-180



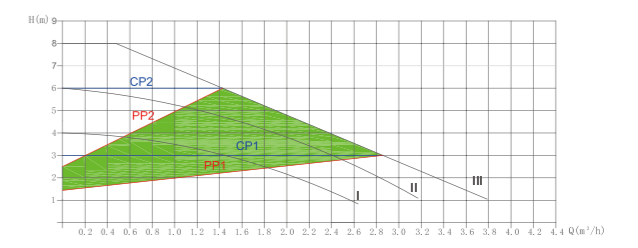
RS32/5EAY-180



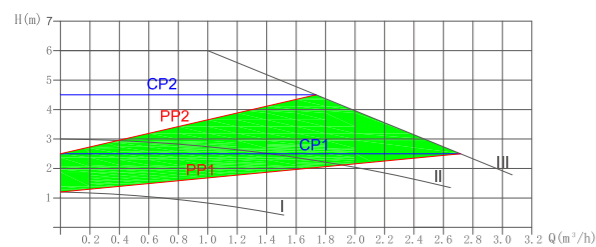
RS15/8EAY-130



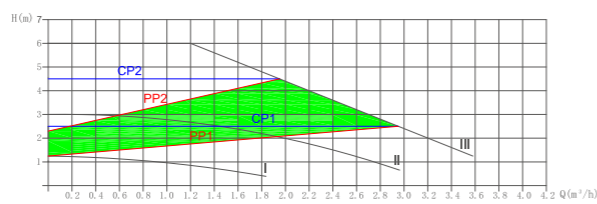
RS25/8EAY-130



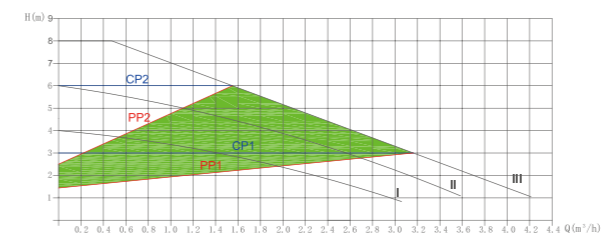
RS15/6EAY-130

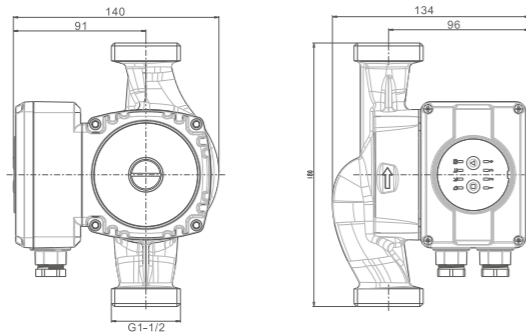


RS25/6EAY-130

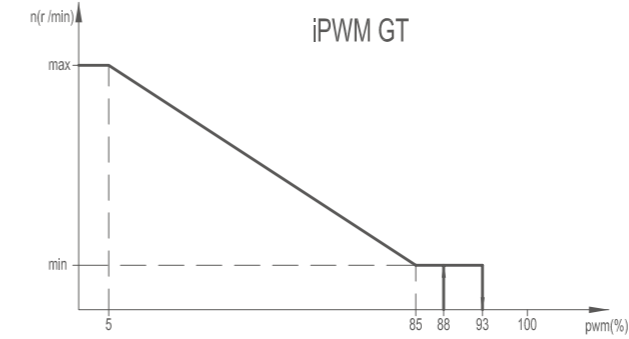


RS25/8EAY-180





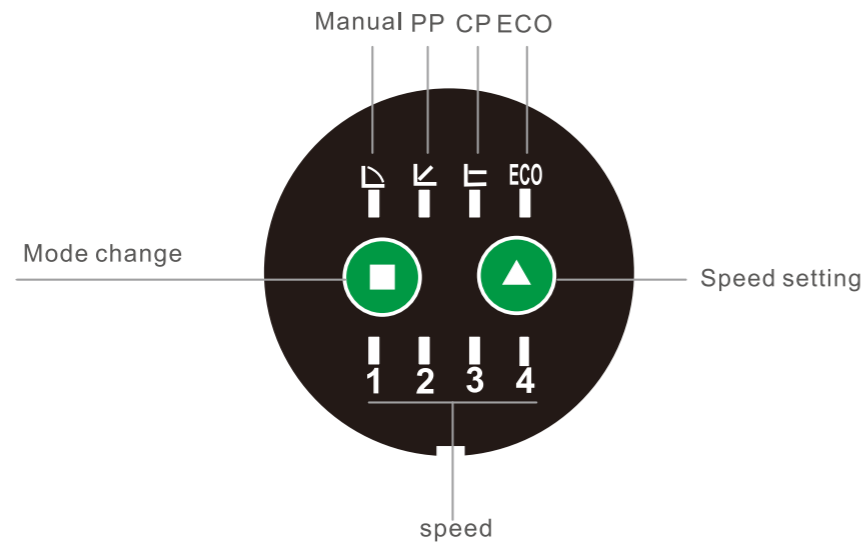
**PWM performance**



**PWM sign input(%)**

- <5: Pump runs at max speed
- 5-85: Pump linear runs from max to min
- 85-93: Pump runs at min speed (running)
- 85-88: Pump runs at min speed (start)
- 93-100: Pump stop

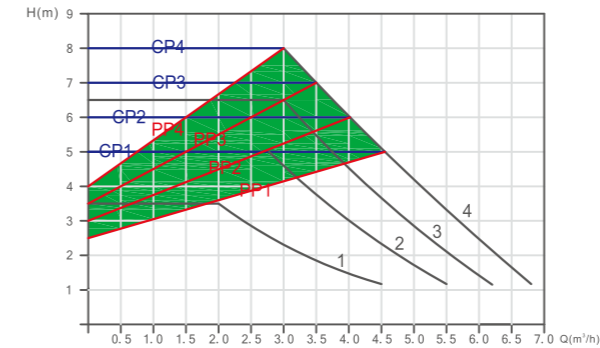
**Operation interface**



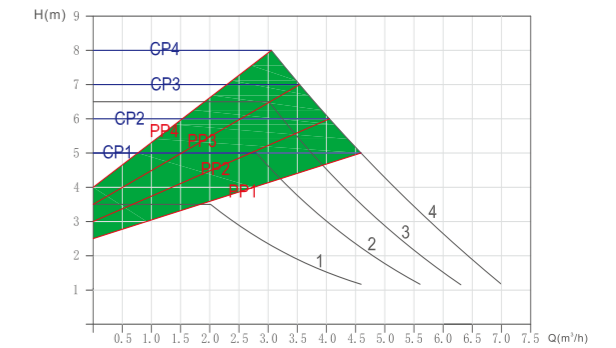
**Technical parameter**

Model	Power	Max.Flow (m³/h)	Max.Head (m)	Voltage 220V/ 50Hz	Material of pump body			Body Length		G	
	(W)				Cast Iron	Brass	Stainless steel	130	180		
RS25/8EAX	12-140	6.8	8	●	●			●	●	1 1/2"	
RS25/10EAX			10					●			
RS25/12EAX			12					●			
RS32/8EAX			8					●			2"
RS32/10EAX			10					●			
RS32/12EAX			12					●			

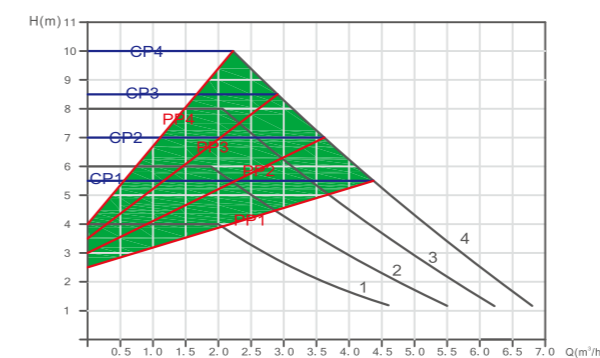
**RS25/8EAX**



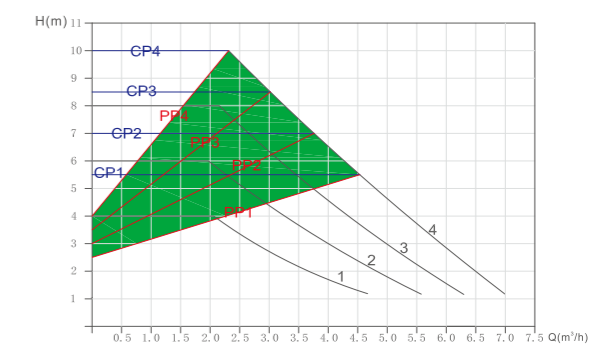
**RS32/8EAX**



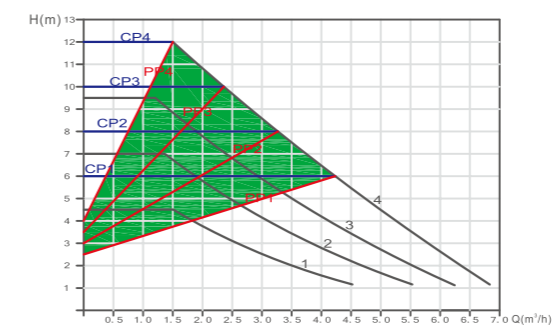
**RS25/10EAX**



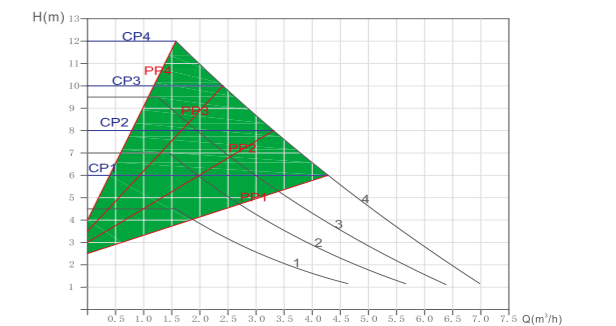
**RS32/10EAX**



**RS25/12EAX**



**RS32/12EAX**







RS 25/10EA-W

**Product features**

- Motor with BMC craft.
- PCB be potted with Polyurethane
- The pump body is made of stainless steel precision casting
- Touching buttons
- Lot (The Internet of Things) connection
- Shielding pump, variable frequency adaptive, quiet and efficient

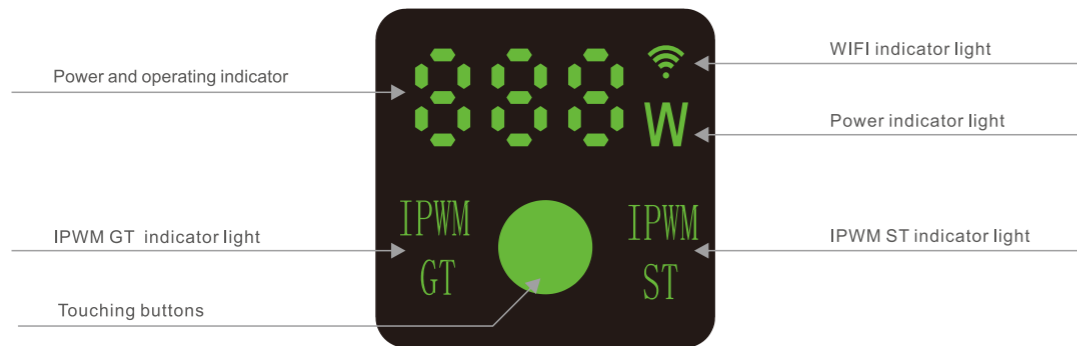
**Applications**

- Air conditioning, refrigeration secondary system
- Combined heating and circulation

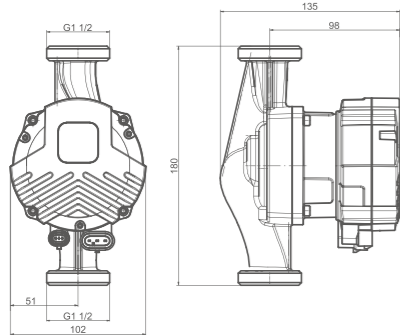
**Materials**

- Pump body: cast iron
- Impeller: PES
- Bearing: Ceramic
- Shaft: Ceramic
- Motor: International class H high temperature copper wire

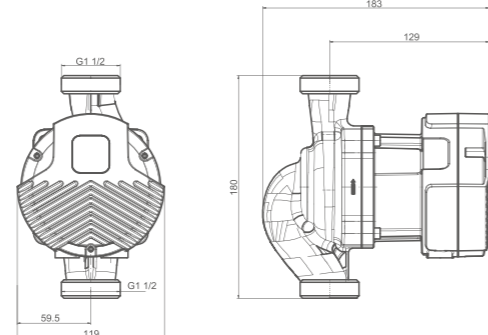
**Operation interface**



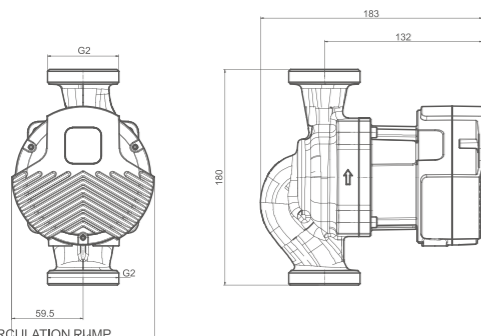
RS25/8EAY-W



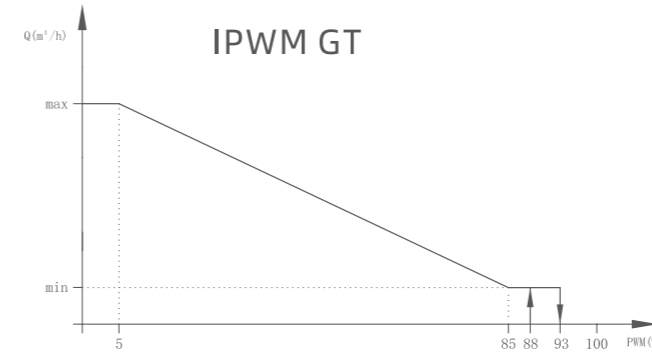
RS25/12EA-W



RS32/12EA-W

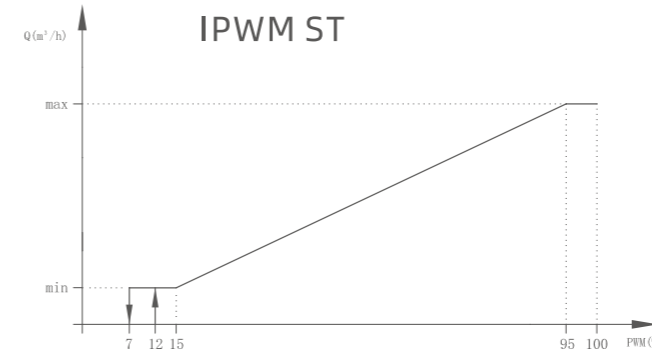


**PWM performance**



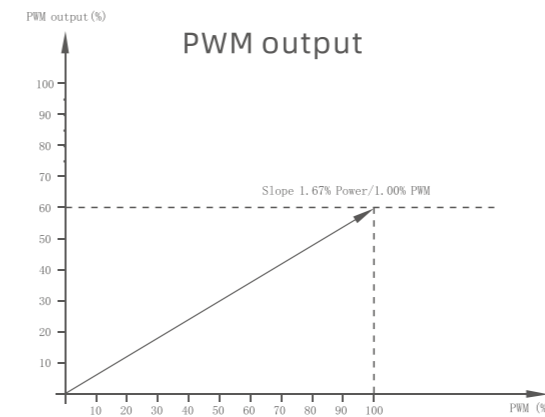
**PWM signal input (%)**

- <5: Pump runs at max. speed
- 5-85: Pump linear runs from max to min
- 85-93: Pump runs at minimum speed. (running)
- 85-88: Pump runs at minimum speed. (start)
- 93-100: Pump stop



**PWM signal input (%)**

- 0-7: Pump stop
- 7-15: Pump runs at minimum speed. (running)
- 12-15: Pump runs at minimum speed. (start)
- 15-95: Pump linear runs from min. to max.
- >95: Pump runs at max. speed



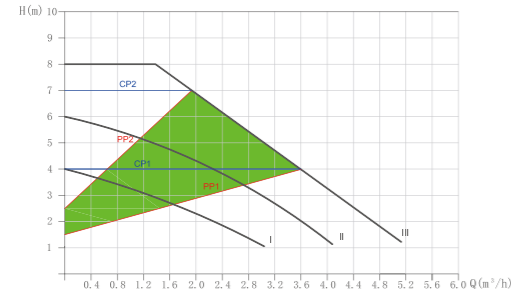
**PWM signal output (%)**

- 0-60: power0-100%,(slope 1.67% power/ 1.00%PWM)
- 75: Other alarm
- 85: Motor alarm (short circuit, over current)
- 90: Block alarm
- 95: Motor stop (PWM control)

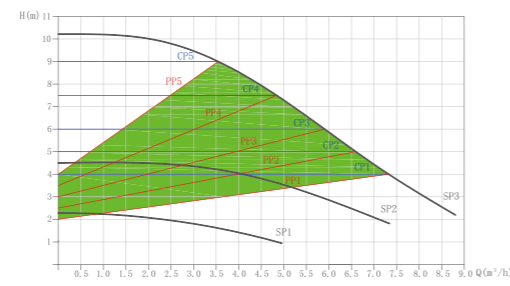
**Technical parameter**

Model	Power	Max.Flow	Max.Head	Voltage	Material of pump body			Body Length		G	
	(W)	(m³/h)	(m)		Cast Iron	Brass	Stainless steel	130	180		
RS25/8EAY-W	80	12	8	●	●	●	●	●	1 1/2"		
RS25/10EA-W	180	8.6	8				●				
RS25/12EA-W	220	9.5	12				●				
RS25/15EA-W	280	12	15				●				
RS25/18EA-W	360	11	18				●	●	●	●	2"
RS32/10EA-W	180	8.7	8				●				
RS32/12EA-W	220	9.5	12				●				
RS32/15EA-W	280	10.2	15				●				
RS32/18EA-W	360	11	18	●	●	●	●	●			

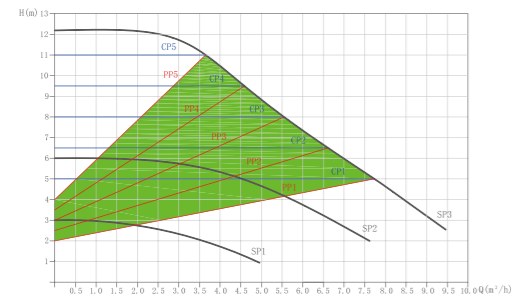
**RS25/8EAY-W**



**RS25/10EA-W RS32/10EA-W**



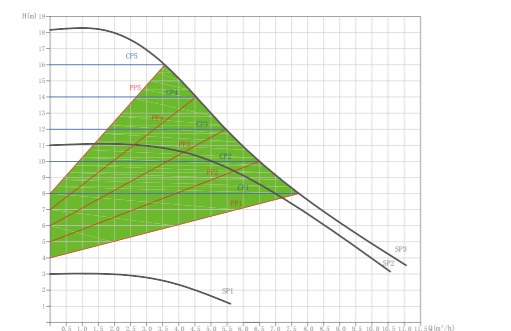
**RS25/12EA-W RS32/12EA-W**



**RS25/15EA-W RS32/15EA-W**

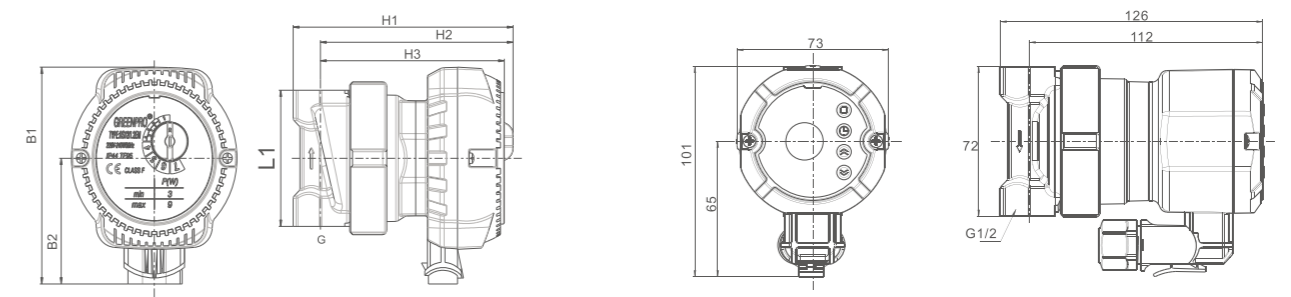
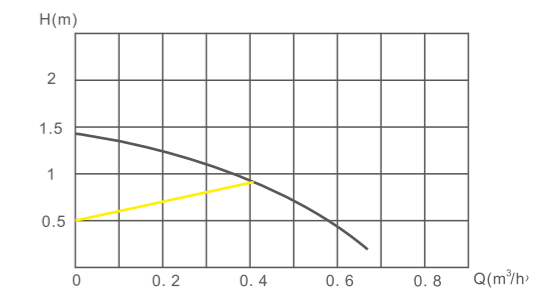


**RS25/18EA-W RS32/18EA-W**



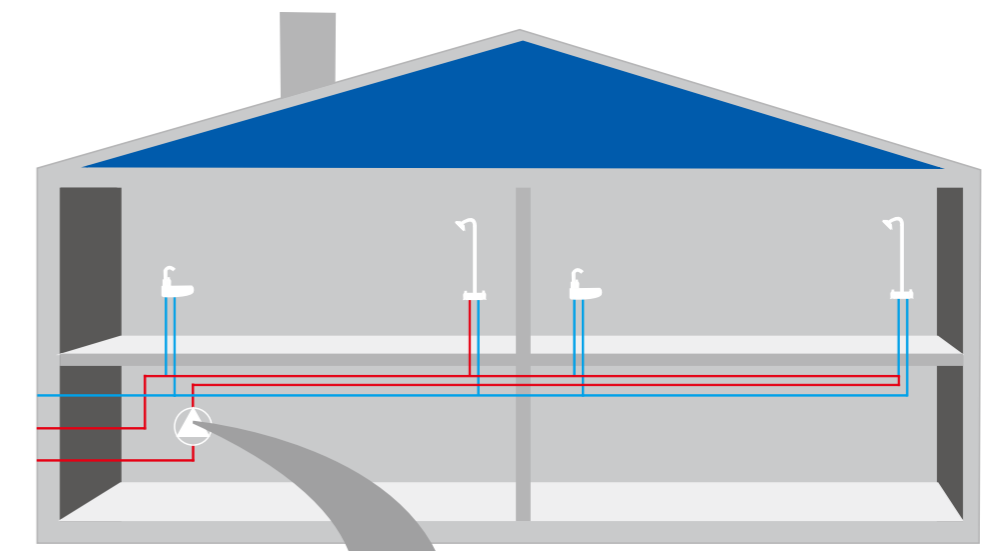
RS12/1.2EM

RS12/1.2EMB



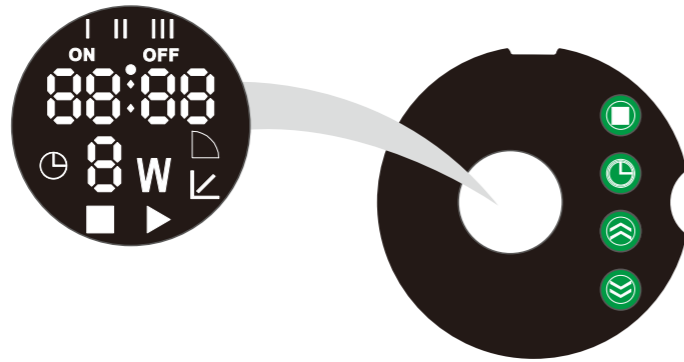
**Technical parameter**

Model	Power	Max.Flow	Max.Head	Voltage	Mater of pump body				Dimension(mm)						Weight(Kg)	
	(W)	(m³/h)	(m)	(V)	Cast Iron	Plastic	Brass	Stainless steel	L1	B1	B2	H1	H2	H3		G
RS12/1.2EM	9	0.6	1.2	220/50			●	●	72	103.5	60	113	99	94	1/2"	1.1
RS12/1.2EMB		0.6		220/60			●	●	72	101	65	126	112		1/2"	1.1



**Advantages**

- Economical lower power consumption (5w-9w)
- Special construction extremely silent
- Permanent magnet motor easy for clean and replacement
- Time and Temperature control system



	Displayed during time setting, not displayed during normal operation, representing three time periods.		
	Displayed during time and temperature setting, not displayed during normal operation, representing start and stop		
	When setting, display the temperature and time by pressing the button; Display the working time and temperature when working.		
	Display when under time and temperature control working mode.		
	Display working power		Stop working
	Manual working mode		Pump working
	Auto working mode		

**Note:**



- 1.ON/OFF: for Time setting function: ON means start for time or temperature. OFF means stop for time and temperature.
- 2.Displayed during time and temperature setting, not displayed during normal operation, representing start and stop. But it will display the set Time and temperature in turn with a time interval of 5S.
- 3.If all three times setting periods are set with 0, the pump is working only based on temperature.

- Mode change Button: hold it in short time  
Function setting: hold it with 3s. Under this mode, hold this button in short time to function set:  
1. Temperature setting: Temperature on, Temperature off  
2. Time setting: Setting the Time for I: time for on and off then Time for II: time for on and off, at least is the time for III no operation for 10s, Pump will keep the functions above and log out this function
- Time mode change button: hold in short time  
Time correction: hold it in 5s
- Additional button: hold in short time to plus 1 under setting function  
Forbidden all functions for Temperature: hold it for 5s.
- Subtraction button: hold in short time to minus 1 under the setting function  
Forcen the pump to work until the setting Temperature for one time: hold it for 5s

**Working Rule:**

1. Start Temperature < Stop Temperature: When the pump senses that the water temp. is lower than the Setting start Temp. it will start to work until the temperature rises to the setting stop temperature. It will repeat this work when water temperature is lower.  
For example: Start Temp: 38°C, Stop Temp.: 42°C, water temp.: 15°C. The pump works until water temp. reaches 42°C. It will restart when the water temp. is lower than 38°C.



WGZ15/45EA

**Product functions**

Household well water, tap water pressurization, domestic heating pressurization circulation.

Comparing to conventional self-priming pumps, the shielded structure can effectively reduce the noise and water leakage problems. High and low temperature water can also be used to play a two-way function: automatic booster circulation system. According to the actual usage, the user can perform the exchange of pressurization and circulation in the same water pump.

**Product advantage**

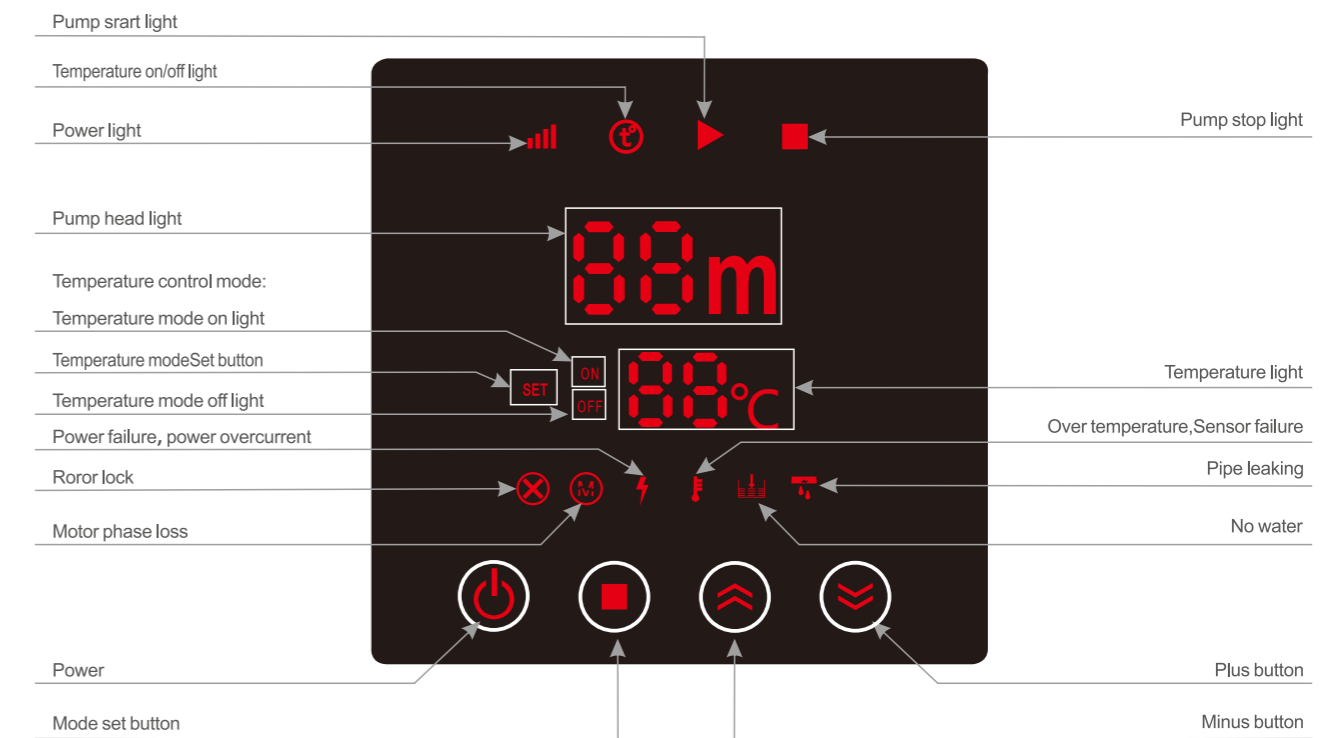
- Permanent magnet motor
- Frequency conversion technology
- Temperature control
- Use hot and cold water at the same time--pressurization and circulation.
- Protection functions: locked rotor protection, undervoltage protection, abnormal temperature reminder, waterless operation protection, water leakage protection
- Wifi function
- Memory function
- Constant voltage automatic function

**Applications**

This model can be used for all kinds of water using of household, hot water circulation, tap water pressurization, garden irrigation, vegetable greenhouse water supply, etc.

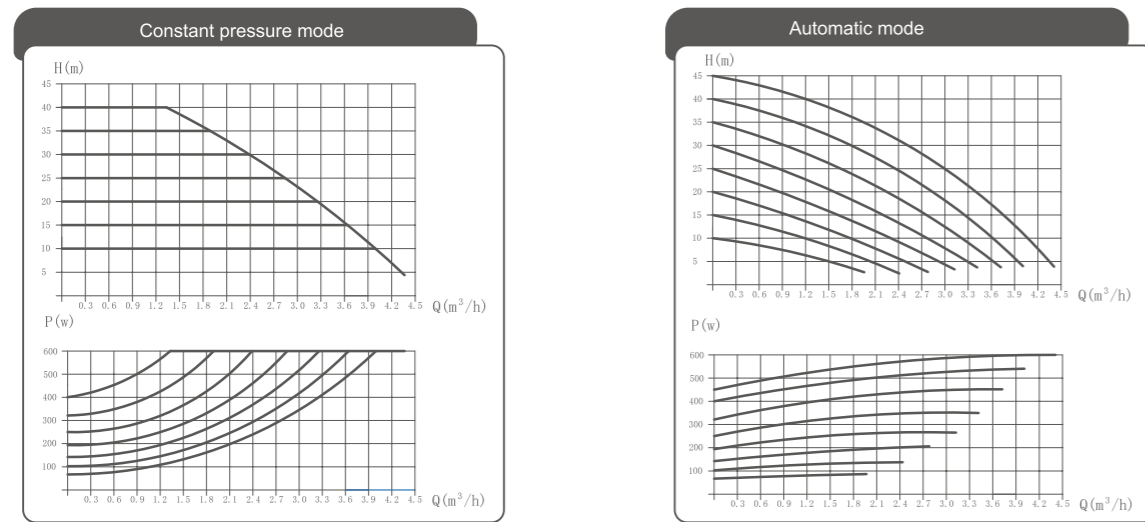
WGZ15/45EA power and head can be automatically adjusted according to the water demand to maintain a stable water output.

**Operation interface**

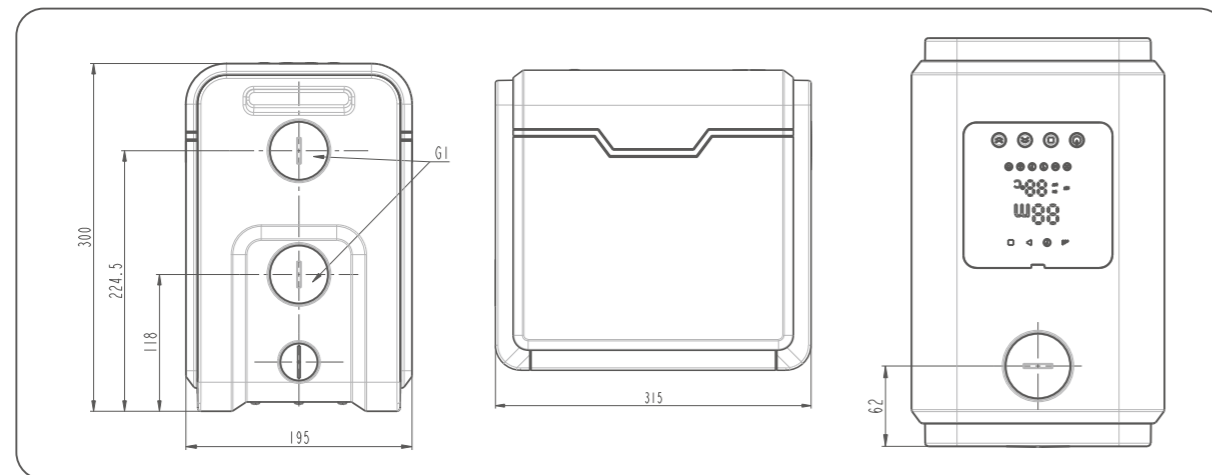


Model	Connection Size (Inch)	Rated flow (m³/h)	Rated head (m)	Max. Head (m)	Rated Power (W)	Input Power (W)
WGZ 15/45EA	1"	2.5	25	45	600	600

**Performance curve**



**Installation dimension**



Temperature	°C	
Ambient temperature	2~40	
Liquid temperature	2~95	
⚠ The ambient temperature should always be lower than the liquid temperature, otherwise condensation may occur in the stator housing. If the ambient temperature is too low, antifreeze work should be done, and the accumulated water in the pump body should be removed when not in use to prevent frost cracking.		
pressure	bar	Mpa
Maximum System pressure	10	1
Maximum inlet pressure	3	0.3
⚠ To avoid noise from cavitation and damage to pump bearings, a minimum inlet pressure must be maintained at the pump inlet.		
Performance		
Maximum head	45m	
IP class	X4D (Outdoor installation)	
Pump liquid	Clean water	



**Product functions**

Household well water, tap water pressurization, domestic heating pressurization circulation.

Comparing to conventional self-priming pumps, the shielded structure can effectively reduce the noise and water leakage problems. High and low temperature water can also be used to play a two-way function: automatic booster circulation system. According to the actual usage, the user can perform the exchange of pressurization and circulation in the same water pump.

**Product advantage**

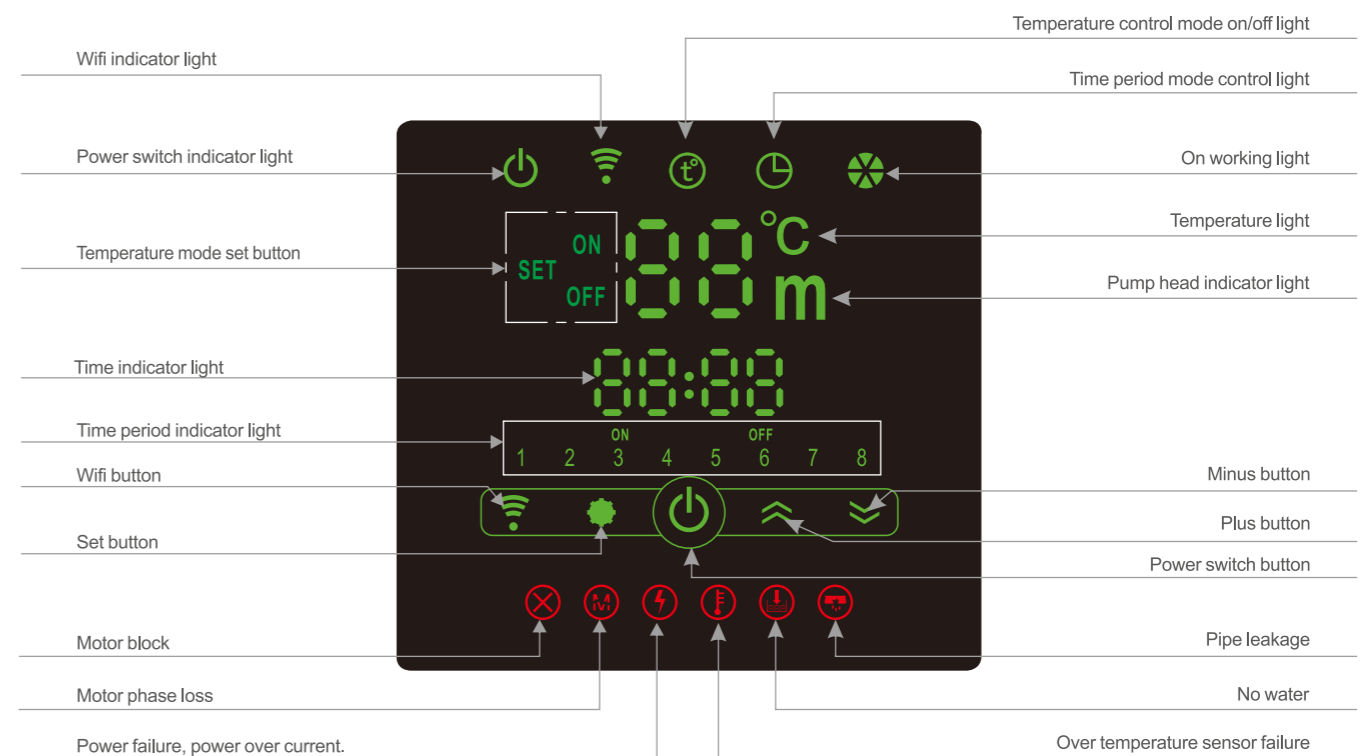
- Permanent magnet motor
- Frequency conversion technology
- Temperature control
- Use hot and cold water at the same time - pressurization and circulation.
- Protection functions: locked rotor protection, undervoltage protection, abnormal temperature reminder, waterless operation protection, water leakage protection
- Wifi function
- Memory function
- Constant voltage automatic function

**Applications**

This model can be used for all kinds of water using of household, hot water circulation, tap water pressurization, garden irrigation, vegetable greenhouse water supply, etc.

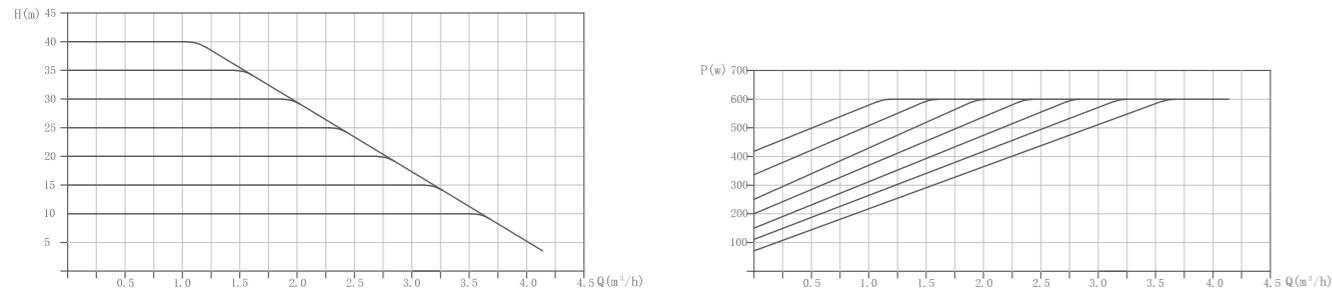
WGZ15/45EAB power and head can be automatically adjusted according to the water demand to maintain a stable water output.

**Operation interface**

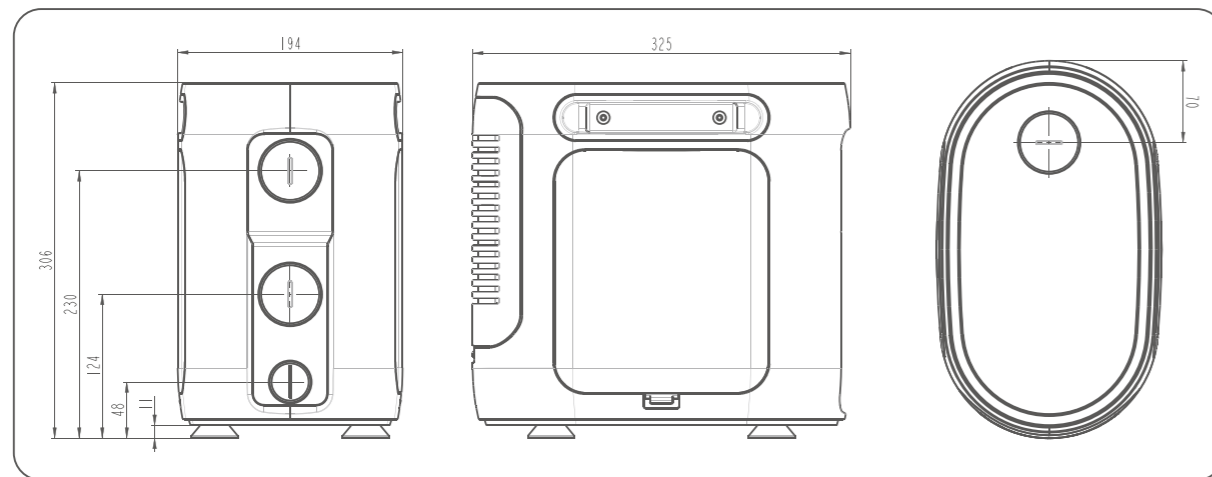


Model	Connection Size (Inch)	Rated flow (m³/h)	Rated head (m)	Max. Head (m)	Rated Power (W)	Input Power (W)
WGZ15/45EAB	1"	2.5	25	45	600	600

**Performance curve**



**Installation dimension**



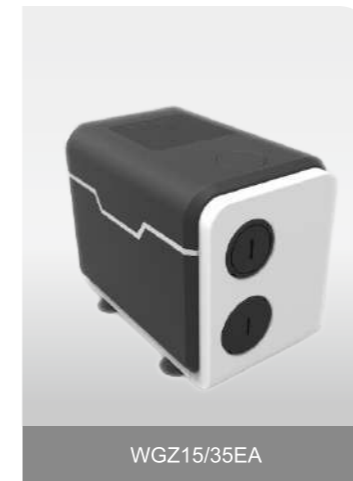
Temperature	°C	
Ambient temperature	2~40	
Liquid temperature	2~95	

⚠ The ambient temperature should always be lower than the liquid temperature, otherwise condensation may occur in the stator housing. If the ambient temperature is too low, antifreeze work should be done, and the accumulated water in the pump body should be removed when not in use to prevent frost cracking.

pressure	bar	Mpa
Maximum System pressure	10	1
Maximum inlet pressure	3	0.3

⚠ To avoid noise from cavitation and damage to pump bearings, a minimum inlet pressure must be maintained at the pump inlet.

Performance	
Maximum head	45m
IP class	X4D (Outdoor installation)
Pump liquid	Clean water



**Product functions**

Household well water, tap water pressurization, domestic heating pressurization circulation.

Comparing to conventional self-priming pumps, the shielded structure can effectively reduce the noise and water leakage problems. High and low temperature water can also be used to play a two-way function: automatic booster circulation system. According to the actual usage, the user can perform the exchange of pressurization and circulation in the same water pump.

**Product advantage**

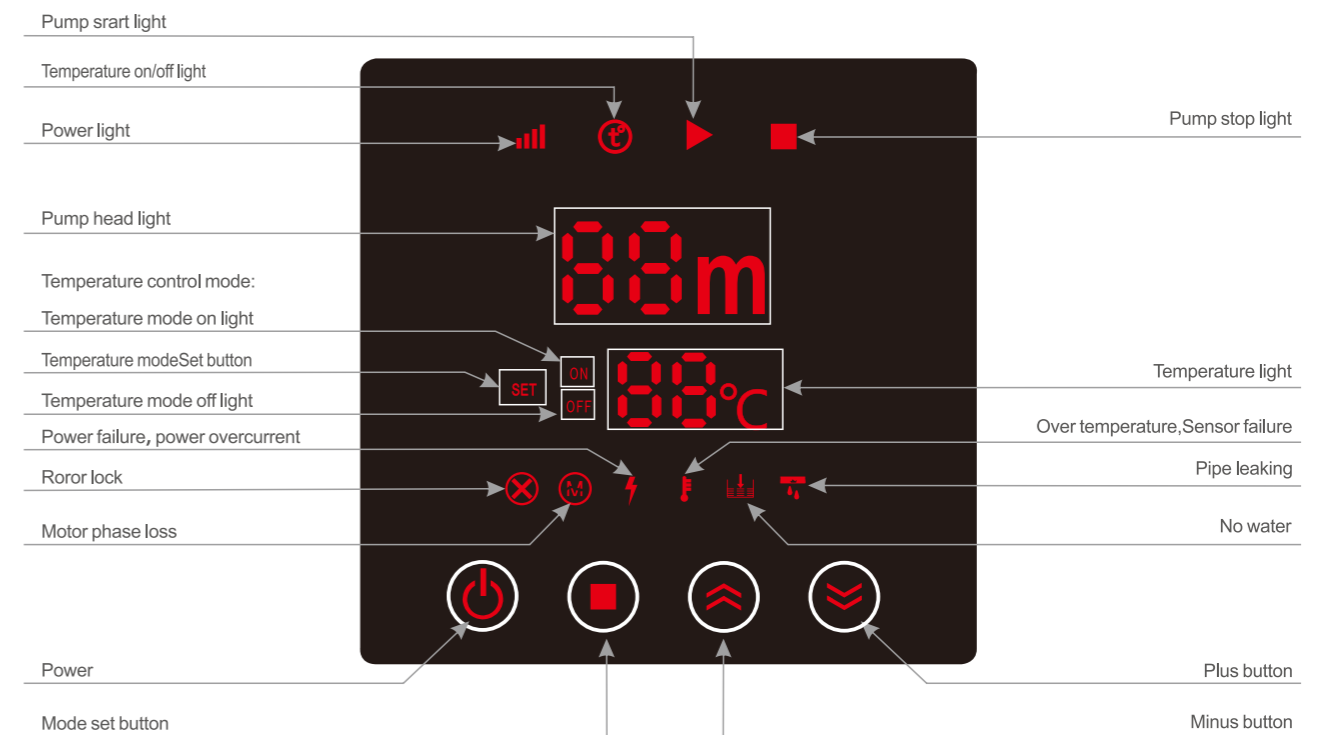
- Permanent magnet motor
- Frequency conversion technology
- Temperature control
- Use hot and cold water at the same time-pressurization and circulation.
- Protection functions: locked rotor protection, undervoltage protection, abnormal temperature reminder, waterless operation protection, water leakage protection
- Wifi function
- Memory function
- Constant voltage automatic function

**Applications**

This model can be used for all kinds of water using of household, hot water circulation, tap water pressurization, garden irrigation, vegetable greenhouse water supply, etc.

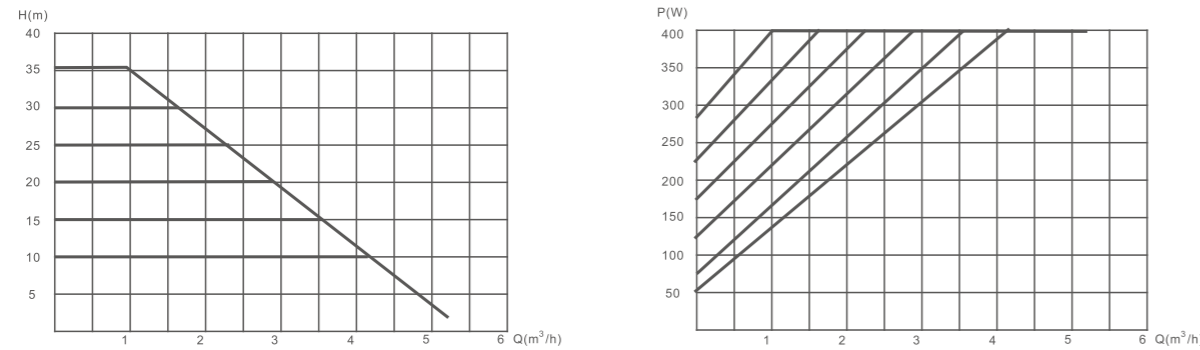
WGZ15/35EA power and head can be automatically adjusted according to the water demand to maintain a stable water output.

**Operation interface**

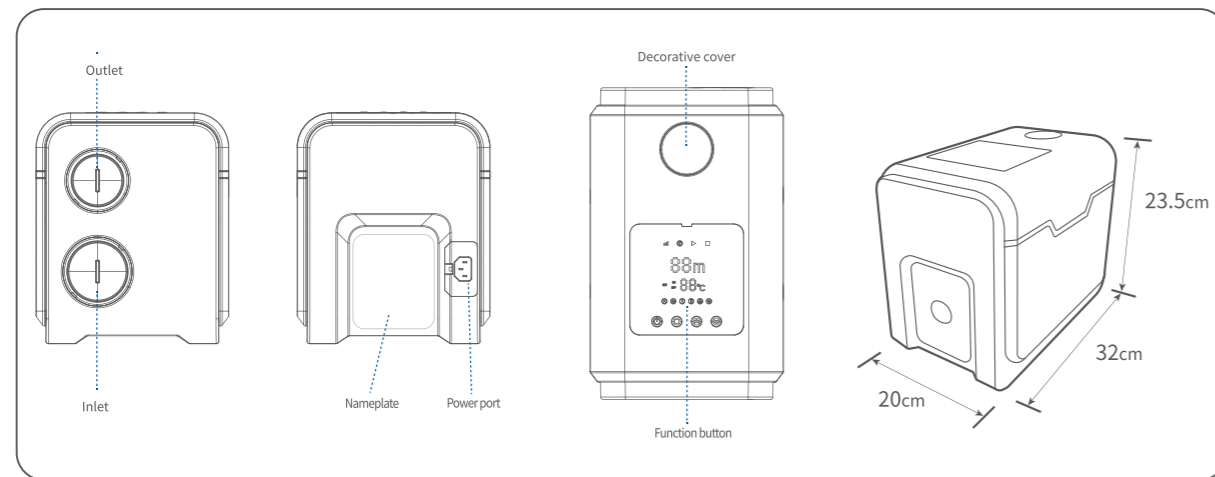


Model	Connection Size (Inch)	Rated flow (m³/h)	Rated head (m)	Max. Head (m)	Rated Power (W)	Input Power (W)
WGZ15/35EA	1"	2.2	25	35	400	400

**Performance curve**



**Installation dimension**



Temperature	°C	
Ambient temperature	2~40	
Liquid temperature	2~95	

⚠ The ambient temperature should always be lower than the liquid temperature, otherwise condensation may occur in the stator housing. If the ambient temperature is too low, antifreeze work should be done, and the accumulated water in the pump body should be removed when not in use to prevent frost cracking.

pressure	bar	Mpa
Maximum System pressure	10	1
Maximum inlet pressure	3	0.3

⚠ To avoid noise from cavitation and damage to pump bearings, a minimum inlet pressure must be maintained at the pump inlet.

Performance	
Maximum head	35m
IP class	X4D (Outdoor installation)
Pump liquid	Clean water

**Product functions**

Household well water, tap water pressurization, domestic heating pressurization circulation.

Comparing to conventional self-priming pumps, the shielded structure can effectively reduce the noise and water leakage problems. High and low temperature water can also be used to play a two-way function: automatic booster circulation system. According to the actual usage, the user can perform the exchange of pressurization and circulation in the same water pump.

**Product advantage**

- Permanent magnet motor
- Frequency conversion technology
- Temperature control
- Use hot and cold water at the same time--pressurization and circulation.
- Protection functions: locked rotor protection, undervoltage protection, abnormal temperature reminder, waterless operation protection, water leakage protection
- Wifi function
- Memory function
- Constant voltage automatic function

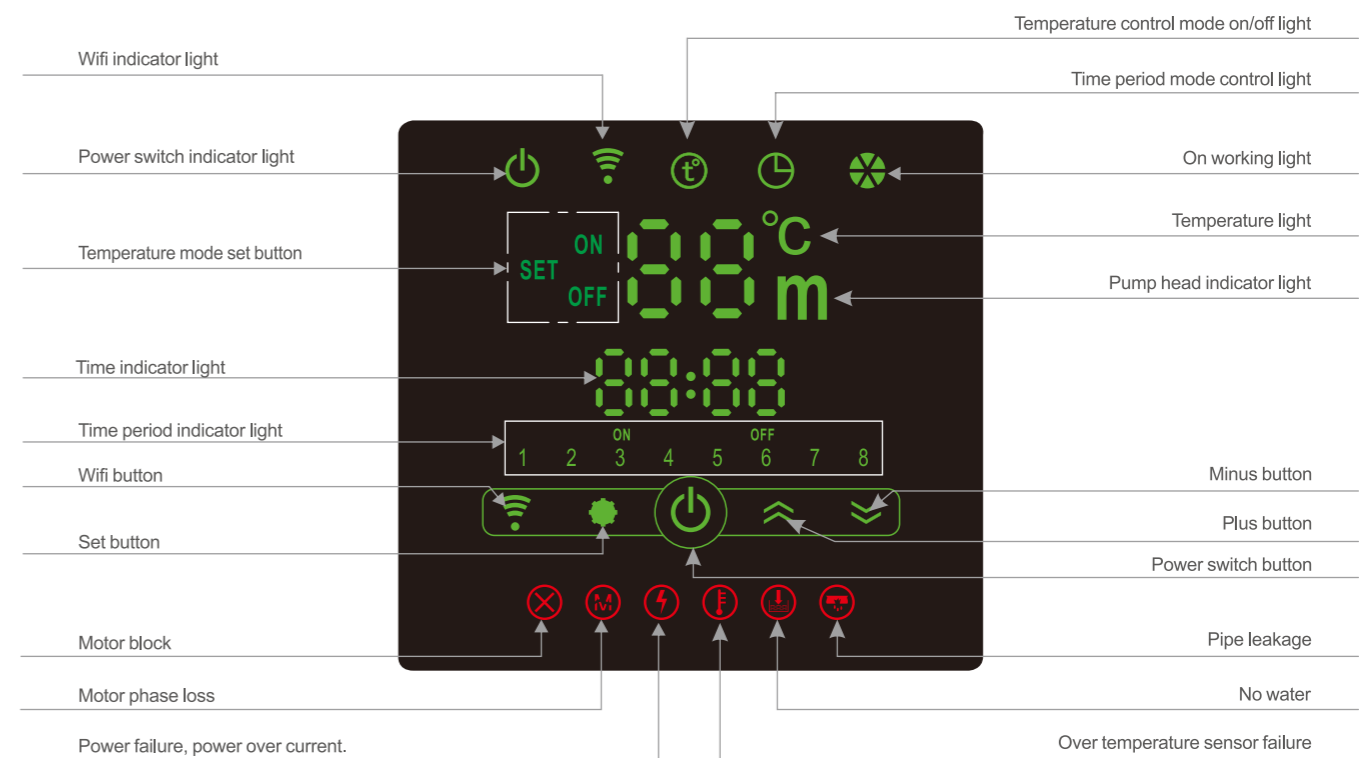


**Applications**

This model can be used for all kinds of water using of household, hot water circulation, tap water pressurization, garden irrigation, vegetable greenhouse water supply, etc.

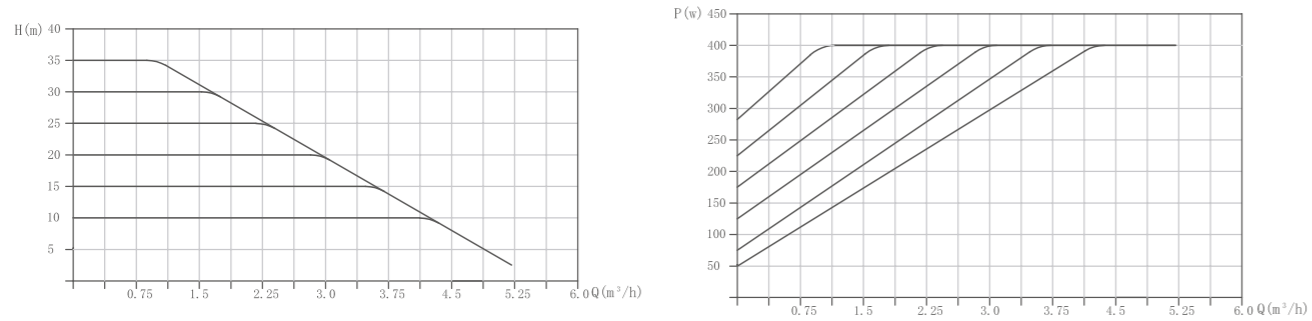
WGZ15/35EA power and head can be automatically adjusted according to the water demand to maintain a stable water output.

**Operation interface**

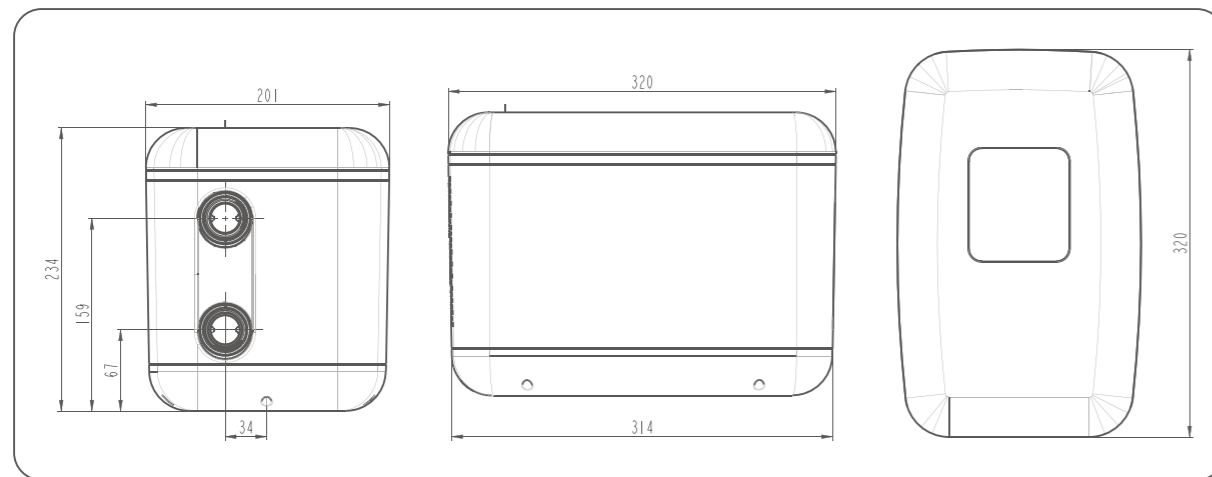


Model	Connection Size (Inch)	Rated flow (m³/h)	Rated head (m)	Max. Head (m)	Rated Power (W)	Input Power (W)
WGZ15/35EAB	1"	2.2	25	35	400	400

Performance curve



Installation dimension



Temperature	°C	
Ambient temperature	2~40	
Liquid temperature	2~95	

⚠ The ambient temperature should always be lower than the liquid temperature, otherwise condensation may occur in the stator housing. If the ambient temperature is too low, antifreeze work should be done, and the accumulated water in the pump body should be removed when not in use to prevent frost cracking.

pressure	bar	Mpa
Maximum System pressure	10	1
Maximum inlet pressure	3	0.3

⚠ To avoid noise from cavitation and damage to pump bearings, a minimum inlet pressure must be maintained at the pump inlet.

Performance	
Maximum head	35m
IP class	X4D (Outdoor installation)
Pump liquid	Clean water



WGZ15/20EA

Product functions

Household well water, tap water pressurization, domestic heating pressurization circulation.

Comparing to conventional self-priming pumps, the shielded structure can effectively reduce the noise and water leakage problems. High and low temperature water can also be used to play a two-way function: automatic booster circulation system. According to the actual usage, the user can perform the exchange of pressurization and circulation in the same water pump.

Product advantage

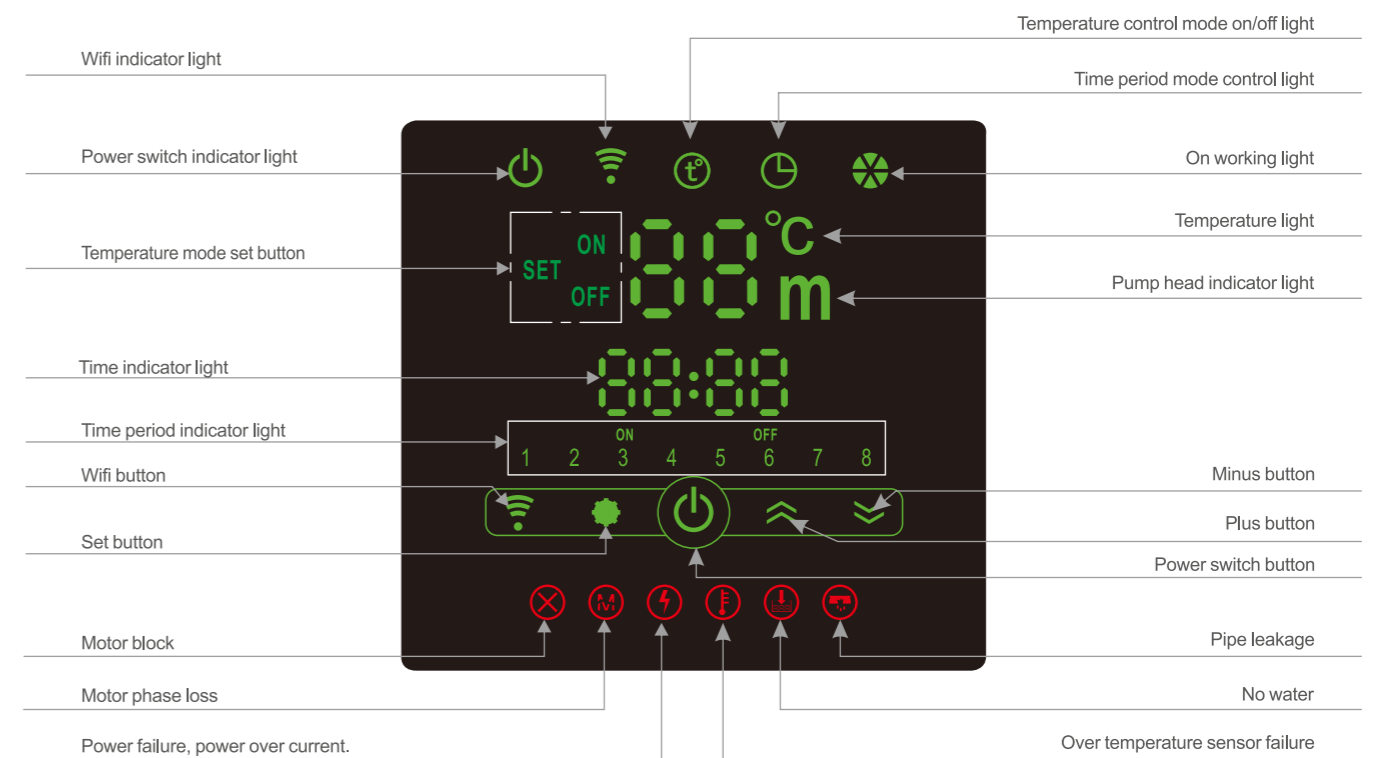
- Permanent magnet motor
- Frequency conversion technology
- Temperature control
- Use hot and cold water at the same time--pressurization and circulation.
- Protection functions: locked rotor protection, undervoltage protection, abnormal temperature reminder, waterless operation protection, water leakage protection
- Wifi function
- Memory function
- Constant voltage automatic function

Applications

This model can be used for all kinds of water using of household, hot water circulation, tap water pressurization, garden irrigation, vegetable greenhouse water supply, etc.

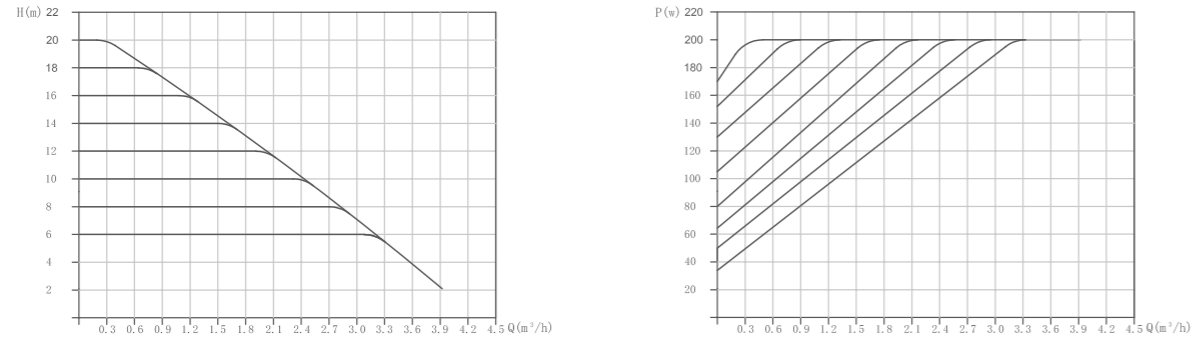
WGZ15/35EA power and head can be automatically adjusted according to the water demand to maintain a stable water output.

Operation interface

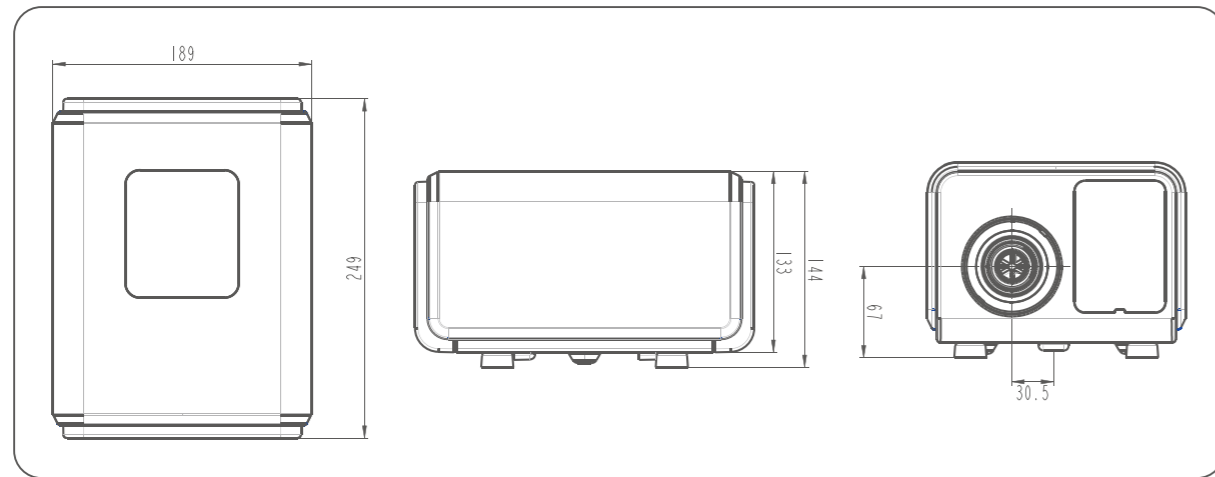


Model	Connection Size (Inch)	Rated flow (m³/h)	Rated head (m)	Max. Head (m)	Rated Power (W)	Input Power (W)
WGZ 15/20EA	1"	2.2	12	20	200	200

**Performance curve**



**Installation dimension**



Temperature	°C	
Ambient temperature	2~40	
Liquid temperature	2~95	
<p>⚠ The ambient temperature should always be lower than the liquid temperature, otherwise condensation may occur in the stator housing. If the ambient temperature is too low, antifreeze work should be done, and the accumulated water in the pump body should be removed when not in use to prevent frost cracking.</p>		
pressure	bar	Mpa
Maximum System pressure	10	1
Maximum inlet pressure	3	0.3
<p>⚠ To avoid noise from cavitation and damage to pump bearings, a minimum inlet pressure must be maintained at the pump inlet.</p>		
Performance		
Maximum head	20m	
IP class	X4D (Outdoor installation)	
Pump liquid	Clean water	