GREENPRO®

ENJOY THE WARMTH
OF LIFE

享受温暖的生活!

GREENPRO®

PROFESSIONAL
CIRCULATING PUMP MANUFACTURER

专业屏蔽泵制造商

HIGH EFFICIENCY INTELLIGENT CIRCULATING PUMP

ZHEJIANG WIGO PUMP CO.,LTD

Add:No.288 Dongqiao Middle Road,Dayangcheng Industry,
DaxiTown,Wenling,Zhejiang,China.
Tel:0086-576-86353328 / 86353327
Fax:0086-576-86353228
E-mail:info@wigopump.com

www.greenpro.cn

CE TÜV GS ISO 9001

GREENPRO®

CE TÜV GS ISO 9001

GROWTH COURSE

成长历程

since2001-2019

2001—2003

Started from a small factory which produced Booster Pump's spare parts.

2004

Founded Wenling Wigo Pump Factory,and started to produce circulation pumps' spare parts and the whole circulation pumps.

2005—2007

Started to export circulation pumps through trading companies to overseas

2008

Change the name to zhejiang Wigo Pump Co.,Ltd,and started to export circulation pumps by ourself.

2009—2019

Became one of the biggest manufacturer of circulation pumps in China.And annual production capacity is over one million pieces.

GREENPRO®

CE TÜV GS ISO 9001

Full-automatic production line

COMPANY PROFILE
企业简介

浙江威格泵业有限公司，创建于1998年，坐落于中国的泵业制造小镇-浙江省温岭市大溪镇。我司专业从事屏蔽泵、壁挂炉专用泵的研发、生产以及出口15年之久，目前年产量已达到150万台。

我司严格按照ISO9001:2015质量管理体系, 依据不同国家和地区的法规，相关产品相继通过了CCC、CQC、GS、CE、RoHS、REACH、TUV ERP等多项认证，以确保产品安全、稳定、可靠、耐用，并符合当地的法律法规要求。

2016年我公司自行研发的全自动安装流水线正式投入生产，从零配件到整体的水泵组装，全部采用机械手。我们目前厂房1万平方米，在建新厂房占地4万平方米，新厂房将增加4条全自动安装生产线，并采用最新技术，立体仓库，数据化的生产管理，以提高整体的生产效率和产品质量的稳定性。

我司作为中国屏蔽电泵行业标准的起草单位，“国家级高新技术企业”和“市重点工业企业20强”矢志不渝的坚持以客户需求为导向，致力于为全世界客户研发、提供高品质的产品和贴心的售后服务。

ZHEJIANG WIGO PUMP CO.,LTD. was established in 1998,located at Daxi Town,Wenling, Zhejiang Province,is known for the manufacturing of water pumps. We have been dedicated to research, develop, manufacture and export circulating pumps and pump for wall-hung boilers for 15 years.The annual output is over 1.5 million.

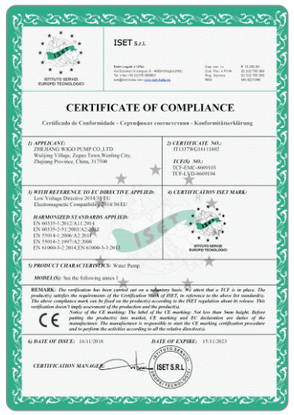
The company operates in strict accordance with ISO9001: 2015 management system,meets the regulations of different countries. Has obtained CCC,CQC,GS,CE,RoHS,REACH,TUV ERP and other certificates. Those certificates ensure steadiness, reliability, efficiency and durability of our produce quality.

We developed our own full-automatic assembly line and put it into production since 2016, which can assemble each accessory to the whole pump by the manipulator.The current plant covers10,000 spare meters. As for the new plant that is under construction, it covers 40,000 spare 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.

CERTIFICATIONS
资质证书

CE TÜV GS ISO 9001


ISET S.r.l.

CERTIFICATE OF COMPLIANCE

Certificado de Conformidade - Сертификат соответствия - Konformitätserklärung

1) APPLICANT: ZHEJIANG WIGO PUMP CO.,LTD
Wujiang Village, Zeguo Town,Wenling City,
Zhejiang Province, China, 317500

2) CERTIFICATE NO.: IT13178G1413402
TCF(S) NO.: TCF-EMC-M609105
TCF-LVD-M609106

3) WITH REFERENCE TO EC DIRECTIVE APPLIED: Low Voltage Directive 2014/35/EU, Electromagnetic Compatibility 2014/30/EU

4) CERTIFICATION ISET MARK:

HARMONIZED STANDARDS APPLIED:
EN 60335-1:2012/A11:2014
EN 60335-2-51:2003/A2:2012
EN 55014-1:2006/A2:2011
EN 55014-2:1997/A2:2008
EN 61000-3-2:2014/EN 61000-3-3:2013

5) PRODUCT CHARACTERISTICS: Water Pump
MODEL(S): See the following annex 1

REMARK: The verification has been carried out on a voluntary basis. We attest that a TCF is in place. The product(s) satisfies the requirements of the Certification MARK of ISET, in reference to the above list standard(s). The above compliance mark can be fixed on the product(s) according to the ISET regulation about its release. This verification doesn't imply assessment of the production and the product(s).
Notice of the CE marking: The label of the CE marking: Not less than 5mm height. Before placing the product on the market, it must be affixed by the manufacturer. The manufacturer is responsible to start the CE marking certification procedure and to perform the activities according to all the relative directive(s).

6) DATE OF ISSUE: 16/11/2018 DATE OF EXPIRE: 15/11/2023

CERTIFICATION MANAGER ISET S.R.L.


CERTIFICATE GS/15/HEL/00995
ZERTIFIKAT

SGS

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License Holder / Genehmigungsinhaber:
Zhejiang Wigo Pump Co., Ltd
288 Dongqiao Middle Road, Dayangcheng Industrial Zone, Daxi Town, Wenling, 317525 Zhejiang, China

Manufacturing Plant(s) / Herstellungsstätte(n):
Zhejiang Wigo Pump Co., Ltd
288 Dongqiao Middle Road, Dayangcheng Industrial Zone, Daxi Town, Wenling, 317525 Zhejiang, China

Certified Product / Zertifiziertes Produkt:

Product / Produkt:	Circulation Pump / Umwälzpumpe
Type/Model No. / Typ/Modell-Nr.:	RS12/1.2EM
Trademarks / Markenzeichen:	GREENPRO
Characteristics / Technische Daten:	230-240 V~, 50 Hz, 9 W, TP5E, Class I, IP44
Tested according to / Geprüft nach:	EN 60335-1: 2003 + A1: 2008 + A2: 2012 EN 60335-1: 2012 + A11: 2014 EN 62233: 2008 APR GS 2014-01 PAK

Remarks / Bemerkungen:
—

SGS Fimko Ltd.
Certification body for products / Zertifizierstelle für Produkte
Takomotie 8, FI-00380 Helsinki, Finland


Attestation of Conformity
No. D6 13 12 81159 025

Holder of Attestation: Zhejiang Wigo Pump Co.,ltd
No.288 Dongqiao Middle Road
Dayangcheng Industrial Zone, Daxi Town
317525 Wenling City, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Product: Circular Pumps
Circulation pump

Model(s): RS 25/5EA

Parameters:
Rated voltage: 220-240VAC
Rated frequency: 50Hz
Rated input power: 32W
Rated current: I
Degree of protection: IP 44
Rated Head: 3 m
Rated Flow: 1.5 m³/h
Declared EEI: Less than 0.20
Applicable Measure EC Regulation
No 641/2009 22.07.2009
Amended By EC Regulation
622/2012, 11.07.2012 and 2013/C 254/04: 04.09.2013
Stage 2 (01 Aug. 2015)

Tested according to: PPP 11/09/C:2013
EN 16297-1:2012
EN 16297-2:2012
EN 16297-3:2012

This Attestation of Conformity is issued on a voluntary basis and confirms that the listed product fulfils the generic ecodesign requirements as stated in Annex I in combination with the specific ecodesign requirements defined in the above mentioned implementation Measure and as stated in Annex II of Council Directive 2009/125/EC for the setting of ecodesign requirements for energy-related products. This attestation refers only to the sample submitted to TÜV SÜD PRODUCT SERVICE GMBH for testing and evaluation and to its technical documentation. See also notes overleaf.

Test report no.: 704011223801-17

Date, 2013-12-12 (Jianping Lu)

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TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany


Attestation of Conformity
No. N8A 16 11 81159 068

Holder of Certificate: Zhejiang Wigo Pump Co.,ltd
No.288 Dongqiao Middle Road
Dayangcheng Industrial Zone, Daxi Town
317525 Wenling City, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Product: Circulation pump

Model(s): RSx/4EAy, RS25/5EAy, RSx/6EAy
(x means different pipe caliber;
y means different appearance;
x=15, 25 or 32; y=blank, B, D, F, K or Q)

Parameters:
Rated voltage: 220-240V~
Rated frequency: 50Hz
Rated input current/power: RSx/4EAy: 0.19A/22W; RS25/5EAy: 0.28A/32W; RSx/6EAy: 0.36A/49W
Protection class: I
Degree of protection: IP44
Temperature classification: TF95

Tested according to: EN 60335-2-51:2003/A2:2012
EN 60335-1:2012/A11:2014
EN 62233:2008

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 704011223602-03

Date, 2016-11-11 (Zhejiang Jin)

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

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TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany


CERTIFICATE
No. Z1A 16 11 81159 069

Holder of Certificate: Zhejiang Wigo Pump Co.,ltd
No.288 Dongqiao Middle Road
Dayangcheng Industrial Zone, Daxi Town
317525 Wenling City, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Factory(ies): 81159

Certification Mark:

Product: Circulation pump

Model(s): RSx/4EAy, RS25/5EAy, RSx/6EAy
(x means different pipe caliber;
y means different appearance;
x=15, 25 or 32; y=blank, B, D, F, K or Q)

Parameters:
Rated voltage: 220-240V~
Rated frequency: 50Hz
Rated input current/power: RSx/4EAy: 0.19A/22W; RS25/5EAy: 0.28A/32W; RSx/6EAy: 0.36A/49W
Protection class: I
Degree of protection: IP44
Temperature classification: TF95

Tested according to: EN 60335-2-51:2003/A2:2012
EN 60335-1:2012/A11:2014
EN 62233:2008
APR GS 2014-01 PAK

The product meets the safety and health requirements of the German Product Safety Act section 20 to 22 ProdSG. The certification marks shown above can be affixed on the product. It is not permitted to alter the certification marks in any way. In addition the certificate holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. See also notes overleaf.

Test report no.: 704011223602-03
Valid until: 2021-11-10

Date, 2016-11-11 (Zhejiang Jin)

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TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany


ZERTIFIKAT
Nr. Z1A 16 11 81159 069

Zertifikatsinhaber: Zhejiang Wigo Pump Co.,ltd
No.288 Dongqiao Middle Road
Dayangcheng Industrial Zone, Daxi Town
317525 Wenling City, Zhejiang
VOLKSREPUBLIK CHINA

Produktions-stätte(n): 81159

Prüfzeichen:

Produkt: Umwälzpumpen

Model(s): RSx/4EAy, RS25/5EAy, RSx/6EAy
(x bedeutet: verschiedene Innendurchmesser für Wasserschlauch zum Einlass- und Auslass;
y bedeutet: verschiedenes Aussehen;
x=15, 25 oder 32; y=leer, B, D, F, K oder Q)

Kenndaten:
Nennspannung: 220-240V~
Nennfrequenz: 50Hz
Nennaufnahme: RSx/4EAy: 0.19A/22W; RS25/5EAy: 0.28A/32W; RSx/6EAy: 0.36A/49W
Schutzklasse: I
Schutzart: IP44
Temperaturklasse: TF95

Geprüft nach: EN 60335-2-51:2003/A2:2012
EN 60335-1:2012/A11:2014
EN 62233:2008
APR GS 2014-01 PAK

Das Produkt entspricht hinsichtlich der Gewährleistung von Sicherheit und Gesundheit den Anforderungen des deutschen Produktsicherheitsgesetzes § 20 bis 22 ProdSG. Es kann mit den dort abgebildeten Prüfzeichen gekennzeichnet werden. Eine Veränderung der Zertifizierung der Prüfzeichen ist nicht erlaubt. Die Übertragung eines Zertifikates durch den Zertifikatinhaber an Dritte ist untersagt. Das Zertifikat ist bis zum unten angegebenen Zeitpunkt, sofern es nicht früher gekündigt wird, Umweltgültig. Hinweise sind zu beachten.

Prüfbericht-Nr.: 704011223602-03
Gültig bis: 2021-11-10

Datum, 2016-11-11 (Zhejiang Jin)

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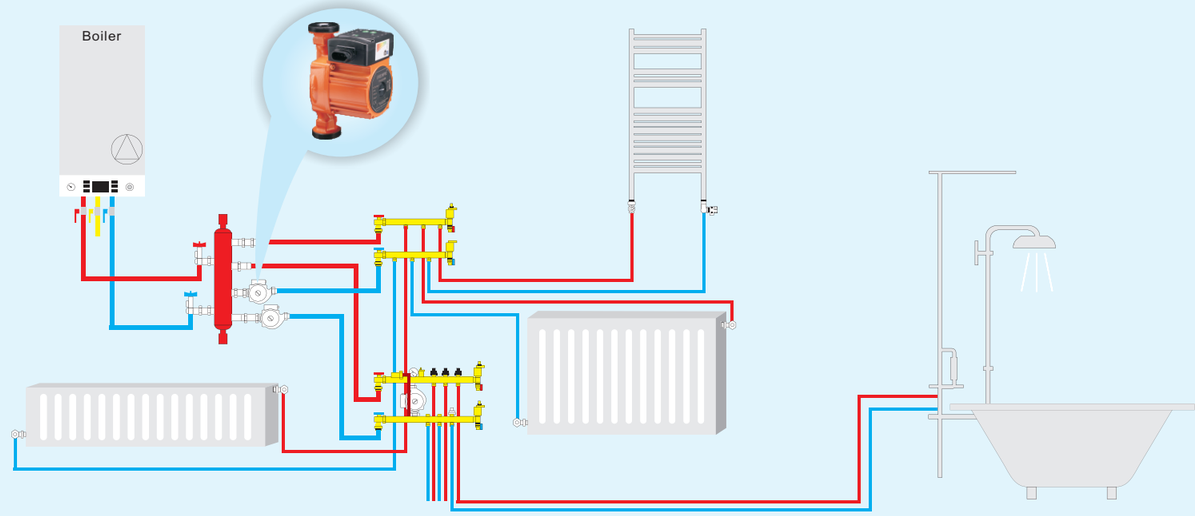
TÜV SÜD Product Service GmbH · Zertifizierstelle · Ridlerstraße 65 · 80339 München · Germany

GREENPRO®

CIRCULATING PUMP



使用环境

1.安装在供暖循环系统
2.最大系统压力：3bar
3.运行条件：
环境温度：0℃~40℃
环境湿度：<95%
液体温度：20℃-85℃
环境温度低于液体温度，防止电机内部出现冷凝液体
4.液体材质： 非腐蚀性，非易爆液体，不含固体颗粒，纤维以及矿物油。 水：乙醇:1:1
5.使用要求：无水运转不得超过10s

Operation condition:

1. Apply to heating system
2. Max. system pressure:3bar
3. Operation condition:
Ambient Temperature:0℃~40℃
Ambient Humidity:95%
Liquid Tempreture:20℃~85℃
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 10s.

CONTENTS
产品目录

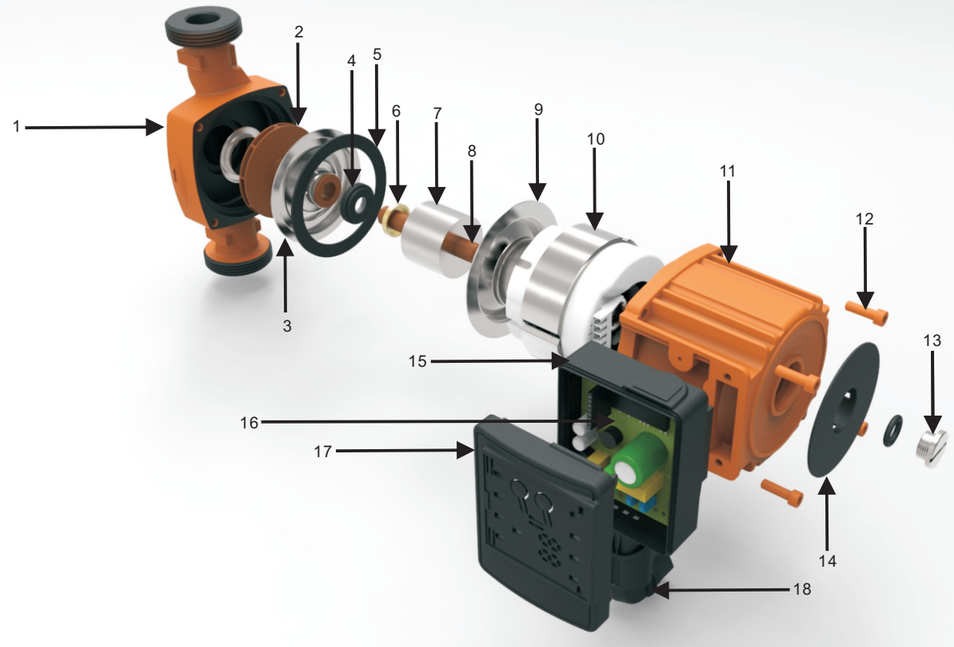
CE TÜV GS ISO 9001

智能高效循环泵
HIGH EFFICIENCY INTELLIGENT CIRCULATING PUMP

GREENPRO®

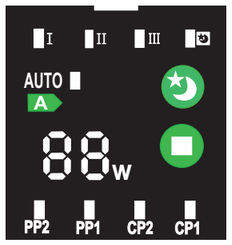
CIRCULATING PUMP

HIGH EFFICIENCY INTELLIGENT CIRCULATING PUMP

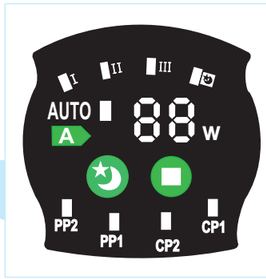


序号	配件		材料	
1	泵头	Pump body	铸铁	Cast iron
2	叶轮	Impeller	PES	PES
3	不锈钢盖	Stainless steel cover	不锈钢	304SS
4	轴承	Bearing	陶瓷	Ceramic
5	密封皮垫	Gasket	橡胶	Rubber
6	止推片	Brass bearing	铜	Brass
7	转子	Rator	铜&不锈钢	SS&Copper
8	陶瓷轴	Ceramic shafting	陶瓷	Ceramic
9	屏蔽套	Shielding	不锈钢	304SS
10	定子	Stator	矽钢片&铜	Silicon steel&Copper
11	机筒	Motor housing	铝	Aluminum
12	内六角螺丝	Hexagon socket screws	不锈钢	Stainless steel
13	排气螺丝	Exhaust screw	铜	Brass
14	铭牌	Nameplate	尼龙	Nylon
15	接线盒底座	Seat of terminal box	尼龙	Nylon
16	控制面板	PCB		
17	接线盒上盖	Cover of termial box	尼龙	Nylon

EA Series High efficiency intelligent circulating pump

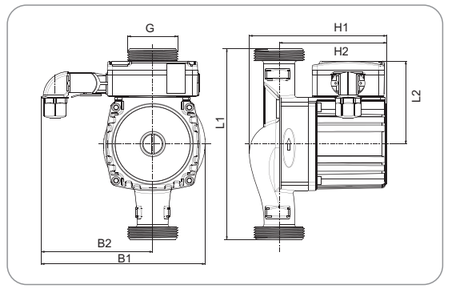


EAB Series High efficiency intelligent circulating pump

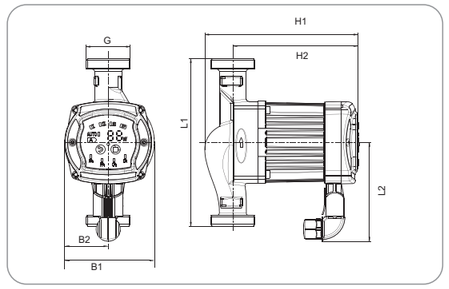


GREENPRO®
CIRCULATING PUMP
HIGH EFFICIENCY INTELLIGENT CIRCULATING PUMP

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.



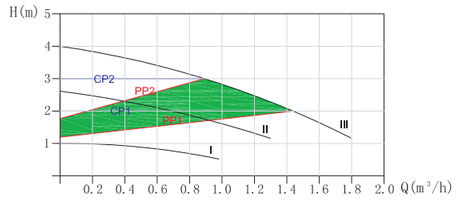
Model	Power	Max.Flow	Max.Head	Voltage	Mater of pump body				Dimension(mm)								Weight (Kg)
	(W)	(m^3/h)	(m)	(V)	Cast Iron	Plastic	Brass	Stainless steel	L1 130	L1 180	L2	B1	B2	H1	H2	G	
RS15/4EA	5~22	1.8	4	220/50	●		●	●	●		80	155	105	129	101	1"	2.1
RS25/4EA		2.6			●		●		●	●	80	155	105	129	101	1 1/2"	2.3
RS32/4EA		3			●					●	80	155	105	129	101	2"	2.4
RS15/5EA	5~30	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



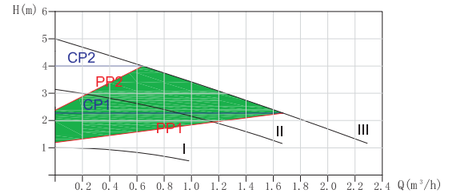
Model	Power	Max.Flow	Max.Head	Voltage	Mater of pump body				Dimension(mm)								Weight (Kg)
	(W)	(m^3/h)	(m)	(V)	Cast Iron	Plastic	Brass	Stainless steel	L1 130	L1 180	L2	B1	B2	H1	H2	G	
RS15/4EAB	5~22	1.8	4	220/50	●		●	●	●		106	96	46	165	136	1"	2.1
RS25/4EAB		2.6			●		●		●	●	106	96	46	165	136	1 1/2"	2.3
RS32/4EAB		3			●					●	106	96	46	165	136	2"	2.5
RS15/5EAB	5~30	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

GREENPRO®
CIRCULATING PUMP
HIGH EFFICIENCY INTELLIGENT CIRCULATING PUMP

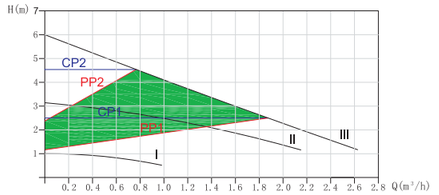
15/4EA 15/4EAB



15/5EA 15/5EAB



15/6EA 15/6EAB



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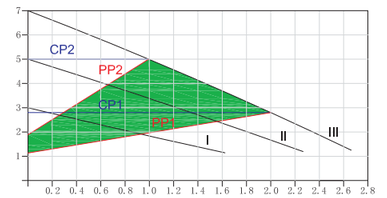

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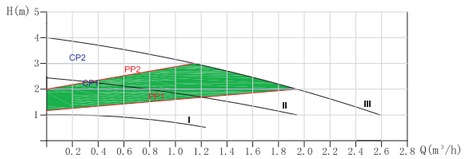

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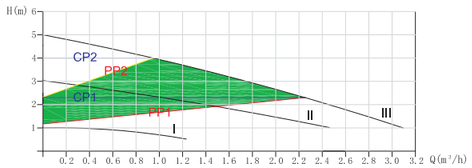

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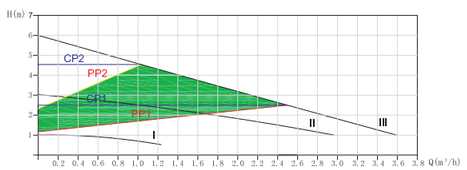

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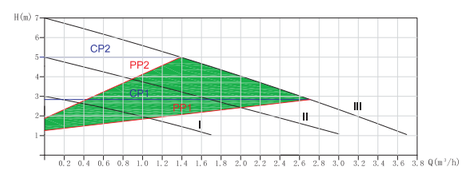

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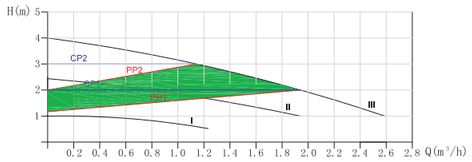

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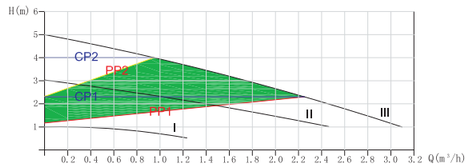

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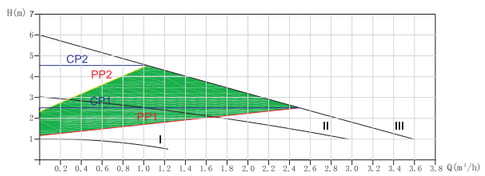

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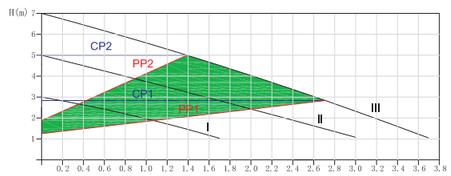
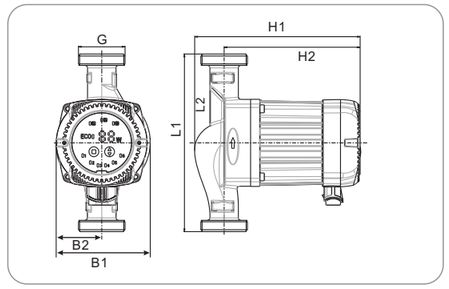


GREENPRO®
CIRCULATING PUMP
HIGH EFFICIENCY INTELLIGENT CIRCULATING PUMP

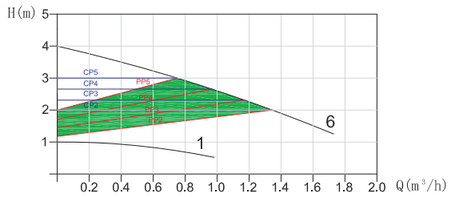
EAD Series High efficiency intelligent circulating pump

	Light in Air-vent (press setting Button for 5-6 seconds)	The pump vents air inside it under this mode
	Proportation pressure	The duty point of the pump will move up or down on the proportional-pressure curve, depending on heating demand. The head(pressure is reduced at falling heating demand and increased at rising heating demand)
	Constant pressure	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.
ECO	ECO mode	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.
1 2 3 4 5 6	Light for each speed	The 6 lights are shown the different working conditions, Only under two modes(constant pressure and proportational pressure , these lights can be chosen)
	Button for setting	this button is used for setting the different speeds (lights in 1,2,3,4,5,6)for two modes. Using button, we can chose the speeds from Max. to Min.)
	Mode control button	The button is used for change the pumps' models, for example: from constant pressure to proportational pressure, or to ECO mode, also can for Air-venting mode.
88W	Power light	

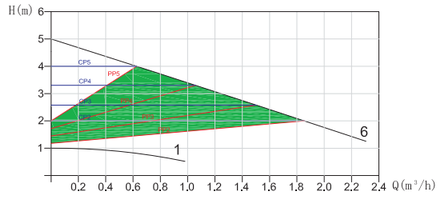


Model	Power	Max.Flow	Max.Head	Voltage	Mater of pump body				Dimension(mm)								Weight (Kg)
					Cast Iron	Plastic	Brass	Stainless steel	L1		L2	B1	B2	H1	H2	G	
	(W)	(m^3/h)	(m)	(V)					130	180							
RS15/4EAD		1.8			●		●	●	●			96	46	169	139	1"	2.1
RS25/4EAD	5~22	2.6	4		●		●		●	●		96	46	169	139	1 1/2"	2.3
RS32/4EAD		3			●					●		96	46	169	139	2"	2.4
RS15/5EAD		2.3			●		●	●	●			96	46	169	139	1"	2.1
RS25/5EAD	5~30	3.1	5		●		●		●	●		96	46	169	139	1 1/2"	2.3
RS32/5EAD		3.4			●					●		96	46	169	139	2"	2.4
RS15/6EAD		2.4		220/50	●		●	●	●			96	46	169	139	1"	2.1
RS25/6EAD	5~45	3.6	6		●		●		●	●		96	46	169	139	1 1/2"	2.3
RS32/6EAD		3.6			●					●		96	46	169	139	2"	2.5
RS15/7EAD		2.7			●		●	●	●			96	46	169	139	1"	2.1
RS25/7EAD	5~47	3.7	7		●		●		●	●		96	46	169	139	1 1/2"	2.3
RS32/7EAD		3.7			●					●		96	46	169	139	2"	2.4

15/4EAD



15/5EAD



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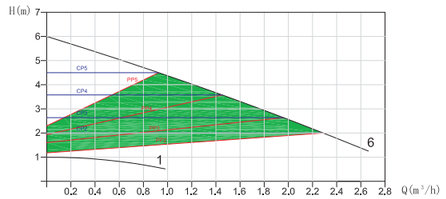

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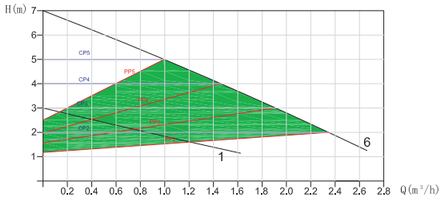

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CIRCULATING PUMP
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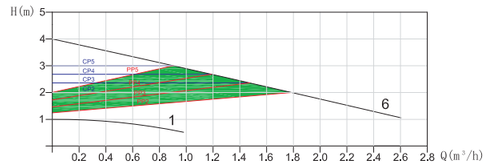
25/4EAD



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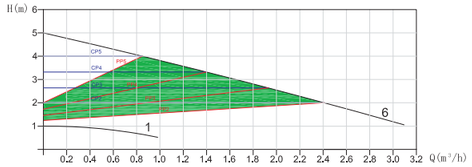

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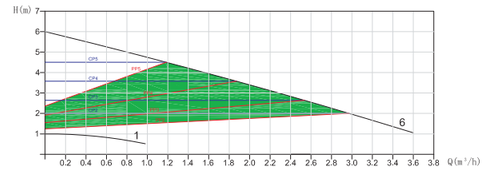

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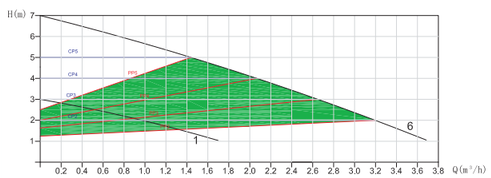

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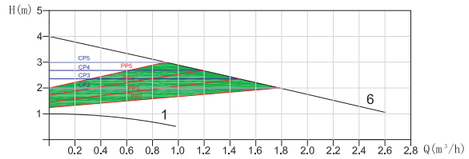

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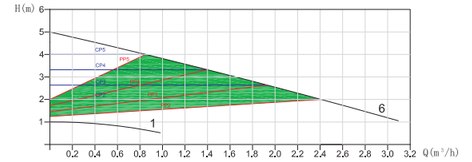

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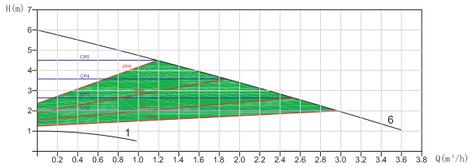

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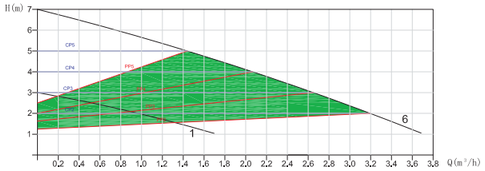
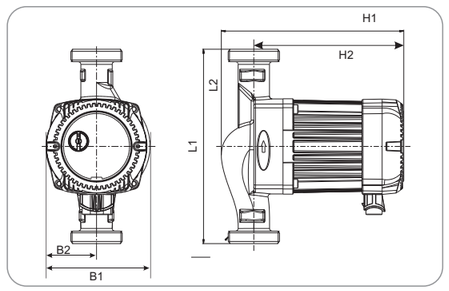


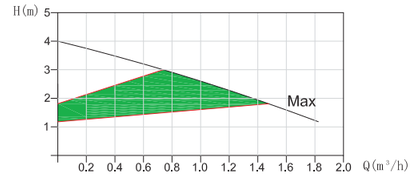
EAK Series High efficiency intelligent circulating pump



Model	Power	Max.Flow	Max.Head	Voltage	Mater of pump body				Dimension(mm)								Weight (Kg)
					Cast Iron	Plastic	Brass	Stainless steel	L1		L2	B1	B2	H1	H2	G	
	(W)	(m^3/h)	(m)	(V)					130	180							
RS15/4EAK	5~22	1.8	4	220/50	●		●	●	●			96	46	169	139	1"	2.1
RS25/4EAK		2.6			●		●		●	●	90	96	46	169	139	1 1/2"	2.3
RS32/4EAK		3			●				●	●	90	96	46	169	139	2"	2.5
RS15/5EAK	5~30	2.3	5		●		●	●	●			96	46	169	139	1"	2.1
RS25/5EAK		3.1			●		●		●	●	90	96	46	169	139	1 1/2"	2.3
RS32/5EAK		3.4			●					●	90	96	46	169	139	2"	2.5
RS15/6EAK	5~45	2.4	6		●		●	●	●			96	46	169	139	1"	2.1
RS25/6EAK		3.6			●		●		●	●	90	96	46	169	139	1 1/2"	2.3
RS32/6EAK		3.6			●					●	90	96	46	169	139	2"	2.5
RS15/7EAK	5~47	2.7	7		●		●	●	●			96	46	169	139	1"	2.1
RS25/7EAK		3.7			●		●		●	●	90	96	46	169	139	1 1/2"	2.3
RS32/7EAK		3.7			●					●	90	96	46	169	139	2"	2.5

GREENPRO®
CIRCULATING PUMP
HIGH EFFICIENCY INTELLIGENT CIRCULATING PUMP

15/4EAK



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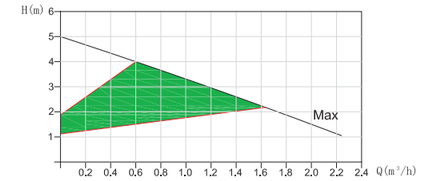

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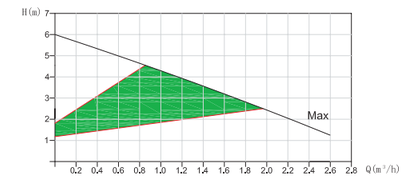

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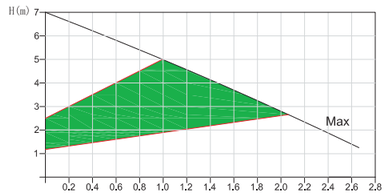

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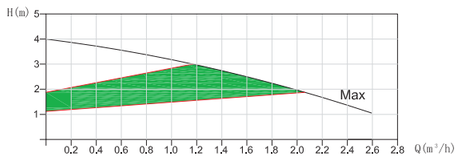

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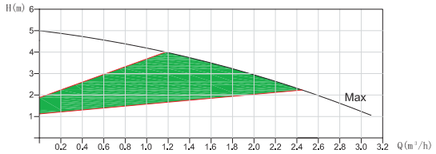

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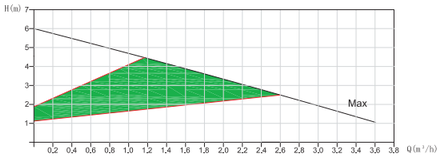

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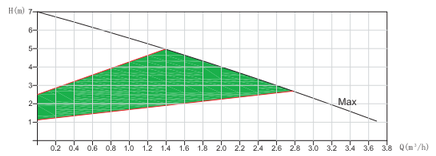

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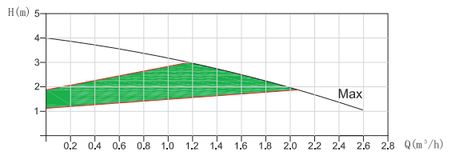

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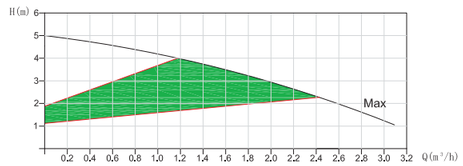

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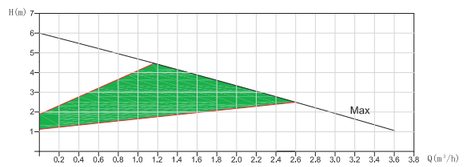
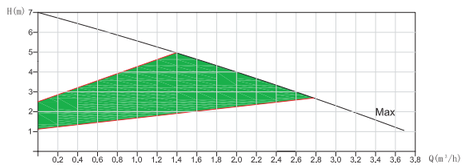


32/7EAK



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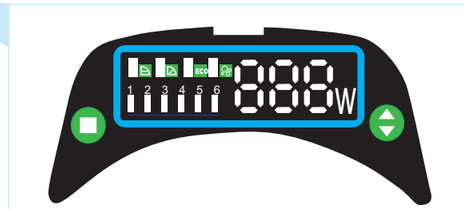
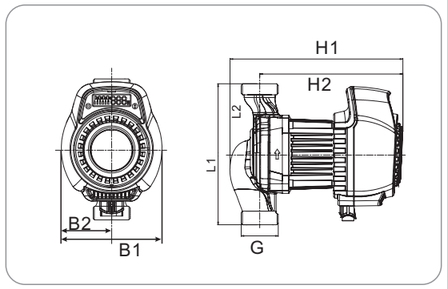
CIRCULATING PUMP
HIGH EFFICIENCY INTELLIGENT CIRCULATING PUMP

EA Series High efficiency intelligent circulating pump



Pos.		
1		Light in Constant Pressure
2		Light in Proportional Pressure
3	ECO	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..)

Conrol Panel Pump Curve	Describition
 CP2,CP3,CP4,CP5	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.
 CP1--Min. Speed CP6--Max.Speed	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.
 PP2,PP3,PP4,PP5	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.
 CP1--Min. Speed CP6--Max.Speed	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.
 ECO	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.



Model	Power	Max.Flow	Max.Head	Voltage	Mater of pump body				Dimension(mm)							Weight(Kg)
	(W)	(m^3/h)	(m)	(V)	Cast Iron	Plastic	Brass	Stainless steel	L1	L2	B1	B2	H1	H2	G	
RS25/8EA	5~130	7.5	8	220/50	●				180	90	129	64.5	236	184	1 1/2"	3.3
RS32/8EA		10.2			●				180	90	129	64.5	236	184	2"	3.4
RS25/10EA	5~180	7.8	10		●				180	90	129	64.5	236	184	1 1/2"	3.3
RS32/10EA		10.8			●				180	90	129	64.5	236	184	2"	3.4

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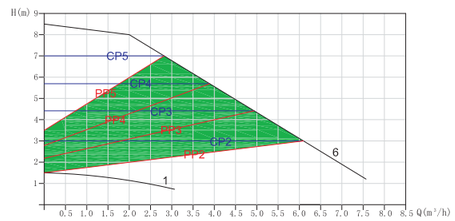
25/8EA



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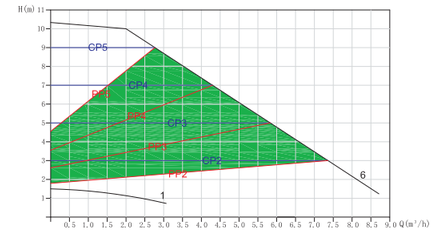
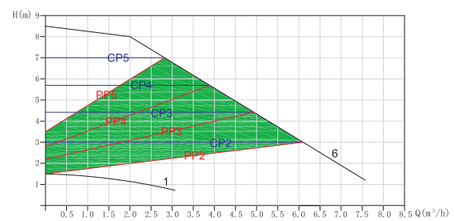
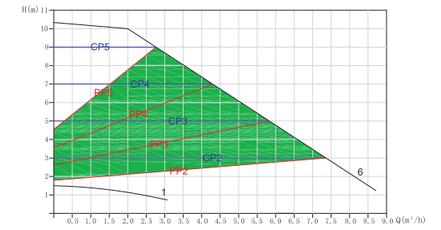


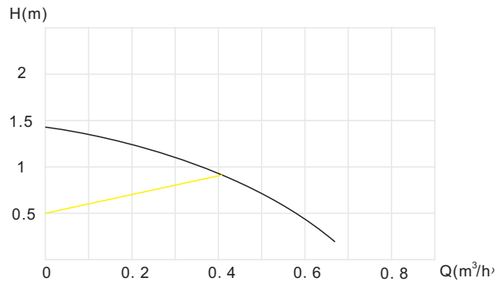
32/8EA



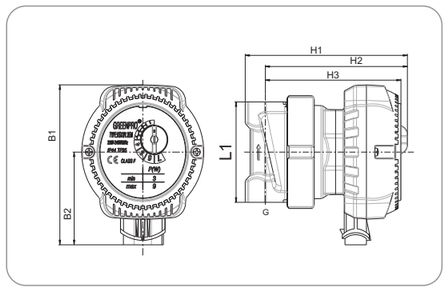
32/10EA



RS12/1.2EM High efficiency intelligent circulating pump



RS12/1.2EMB High efficiency intelligent circulating pump



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	1.1	220/50			●	●	72	103.5	60	113	99	94	1/2"	1.1
RS12/1.2EMB		0.6					●	●	72	101	65	126	112		1/2"	1.1

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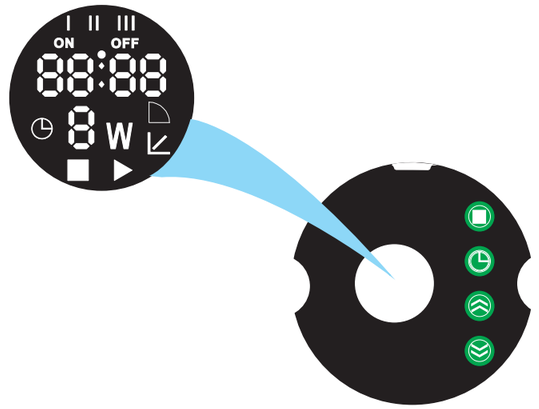

I II III
时段和温度设置时显示，正常运行平时不显示，分别代表开启和停止的意思
Displayed during time setting, not displayed during normal operation,representing three time periods.

ON OFF
时段和温度设置时显示，正常运行平时不显示，分别代表开启和停止的意思
Displayed during time and temperature setting, not displayed during normal operation,representing start and stop

88:88
设置时，通过按键显示温度和时间；工作时，自动切换显示温度和时间
When setting, display the temperature and time by pressing the button;Display the working time and temperature when working.

显示时代表当前工作模式是时间温控模式
Display when under time and temperature control working mode.

8W 显示工作功率
Display working power

水泵停机
Stop working

手动工作模式
Manual working mode

水泵工作
Pump working

自动工作模式
Auto working mode

Note:

1. ON和OFF：表示开启和关闭，在设定时显示，ON 表示开启时间或温度，OFF 表示关闭时间或温度
2. 工作时，ON和OFF不显示，轮流显示当前时间和当前温度，显示间隔5S
3. 当3个时段设定时间都为0时， 水泵只按照温度运行

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.

短按；工作档位切换
长按3S：进入时段设定，进入后，短按一次切换设定项目，分别是开启温度，关闭温度
再设置Ⅰ时段开始和停止。以此类推，Ⅱ 跟Ⅲ。 设定时10s无动作直接保存退出。

短按：时段工作模式切换
长按5s：对时

短按：再设置状态下，对当前数值加1
长按5S松开：屏蔽温度及温度有关的一切功能

短按：在设置状态下，对当前数值减1
长按5s松开：强制水泵运行一次至停止温度

Mode change Button:hold it in short time
Functionsetting: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 funcions 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

工作原理：

1.开启温度<停止温度。水泵检测到当前温度低于开启温度，水泵开始工作至停止温度，停止后再次检测到当前温度低于开启温度后再次启动，依次循环例如：开始温度设定38℃，停止温度设定42℃， 检测水温15℃，此时水泵开始工作一直到42℃，水泵停止，等温度重新下落至38℃后，水泵重新开始工作，如此循环。

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℃, 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.

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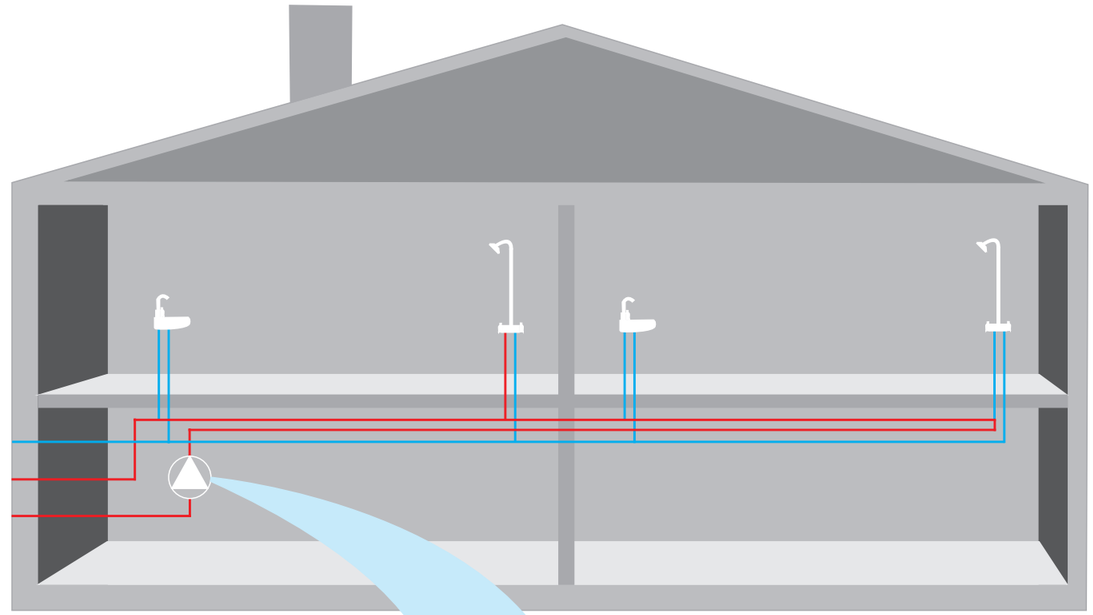


Advangtages

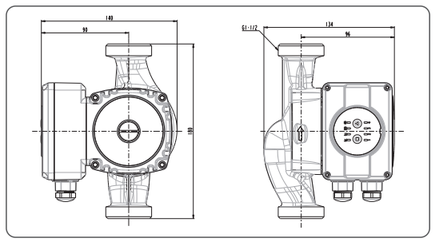
Permanent magnet motor
easy for clean and replacement

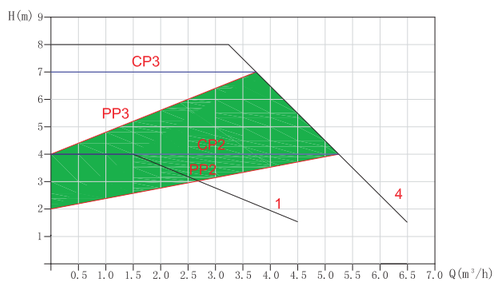
Economical
lower power consumption
(5w-9w)

Time and Temperature
control system

Special construction
extremely silent

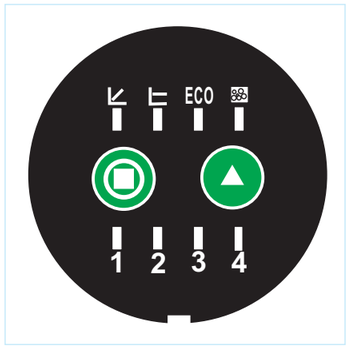
High efficiency intelligent circulating pump | **RS25/8EAX**





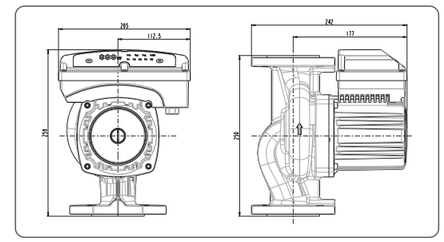
TECHNICAL PARAMETER

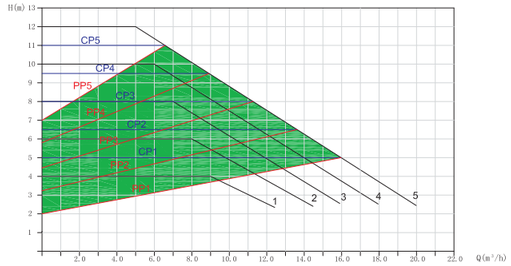
型号 Model	功率 Power(W)	最大流量 Max Flow(L/min)	最大扬程 Max Head(m)	进出口径 Inlet/Outlet(inch)
RS25/8EAX	140	110	8	1 1/2"



	恒比例模式	Proportational Pressure Mode
	恒压模式	Constant Pressure Mode
ECO	ECO模式	ECO Mode
	排气模式	Air-venting Mode
	功能按钮	Mode button
	增减按钮	Button for speed change
2 3	速度档位显示灯	Light for each speeds
1 4	手动模式	Manual Mode

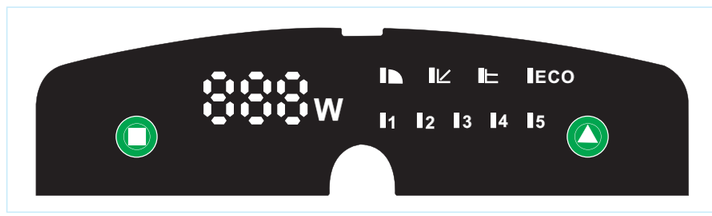
High efficiency intelligent circulating pump | **RS 600EA**





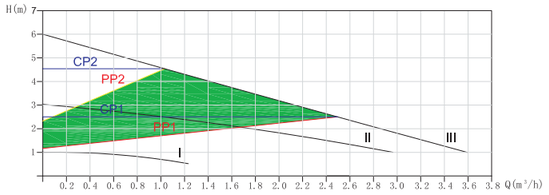
TECHNICAL PARAMETER

型号 Model	功率 Power(W)	最大流量 Max Flow(L/min)	最大扬程 Max Head(m)	进出口径 Inlet/Outlet(inch)
RS 600EA	600	350	12	2 "



	手动模式	Manual Mode
	恒比例模式	Proportational Pressure Mode
	恒压模式	Constant Pressure Mode
ECO	ECO 模式	ECO Mode
1 2 3 4 5	速度档位显示灯	Light for each speeds
	功能按钮	Mode button
	增减按钮	Button for speed change
888W	功率显示灯	Power display Light

High efficiency intelligent circulating pump | **RS25/6EAY**



TECHNICAL PARAMETER

型号 Model	功率 Power(W)	最大流量 Max Flow(L/min)	最大扬程 Max Head(m)	进出口径 Inlet/Outlet(inch)
RS25/6EAY	45	60	6	1 1/2"

High efficiency intelligent Self-priming pump | **WGZ15/45EA**

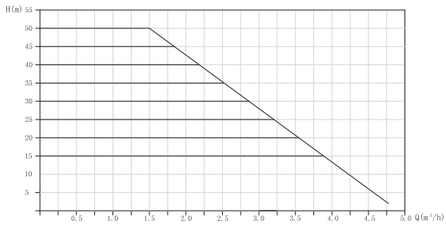
TECHNICAL PARAMETER

型号 Model	功率 Power(W)	最大流量 Max Flow(L/min)	最大扬程 Max Head(m)	吸程 Suction(m)	进出口径 Inlet/Outlet(inch)
WGZ15/45EA	600	80	45	8	1 "

WGZ15/45EA

产品用途

永磁智能增压泵是一种多功能供水系统， 适用家庭生活供水，设备配套，管道增压， 园林浇灌，高层建筑供排水和集中供暖循环系统等场合。



产品特点

- 永磁智能增压泵是一款新型高效节能增压泵，
- 屏蔽式结构， 超低噪音
- 永磁同步电机， 可变频调速，高效节能
- 触屏操作，直观明了
- 智能控制，适应用户的使用情况
- 一种水泵多种功能，增压以及循环,满足用户不同的需求，降低采购成本

使用环境

1.最大系统压力：10bar
2.最大吸程： 8m
3.运行条件：
环境温度：0℃~40℃
环境湿度：<95%
液体温度：<80℃
环境温度低于液体温度，防止电机内部出现冷凝液体
4.液体材质： 非腐蚀性，非易爆液体，不含固体颗粒，纤维以及矿物油。
水：乙醇:1:1
5.使用要求：无水运转不得超过10s

Applications

The permanent magnet intelligent booster pump is a multi-functional water supply system for household daily water supply, equipment OEM, pipeline pressurization, garden watering,High-rise building water supply and drainage and central heating circulation systems.

Advantage

The permanent magnet intelligent booster pump is new design, high efficiency booster pump:

- Canned motor structure, extremely silent
- Permanent magnet synchronous motor, adjustment of speed with frequency control and energy saving
- Touch screen , simple setting and operation
- Intelligent control system, highly flexible for diversified application
- One pump for diversified functions---boosting and circulating together benefits cost reductions

Operation condition:

1. Max. System Pressure:10bar
2. Max. Suction Head:8m
2. Operation condition:
Ambient Temperature:0℃~40℃
Ambient Humidity:95%
Liquid Tempreture:<85℃
Ambient temperature must be lower than liquid temperature,
in order to avoid condensate water produced in the interior of stator.
3. Liquid : Clean, non-coorosive and non-explosive liquids, without any particle ,fiber or mineral oil.
Water/glycol mixtures max. mixing ratio:1:1
4. Dry running no more than 10s.

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WATER HEATER PUMP

产品用途

该产品用于水循环系统，如地暖系统，空气能水循环系统，热水器循环家庭水循环系统。

产品特点

- 热水器专用泵是一款新型高效节能循环泵：
- 结构紧凑，方便安装
- 塑封电机，陶瓷轴，噪音低
- 变频控制系统，高效节能
- 工程塑料泵头，不生锈

使用环境

1.最大系统压力：3bar
2.运行条件：
环境温度：0℃~40℃
环境湿度：<95%
液体温度：20℃-85℃
环境温度低于液体温度，防止电机内部出现冷凝液体
3.液体材质： 非腐蚀性，非易爆液体，不含固体颗粒，纤维以及矿物油。
水：乙醇:1:1
4.使用要求：无水运转不得超过10s

Applications

This pump is special design for water circulation system, such as floor heating system, air energy circulation system, water heater circulation system and domestic daily-life water circulation system.

Advantage

This pump is a new intelligent high efficiency pump:

- Compact construction: available for installing
- Resin-packed motor, ceramic shafting, lower noisy
- Frequency control system: high efficiency
- Engineering plastic body: no rust

Operation condition:

1. Max. system pressure:3bar
2. Operation condition:
   Ambient Temperature:0℃~40℃
   Ambient Humidity:95%
   Liquid Tempreture:20℃~85℃
   Ambient temperature must be lower than liquid temperature,
   in order to avoid condensate water produced in the interior of stator.
3. Liquid : Clean, non-coorosive and non-explosive liquids, without any particle ,fiber or mineral oil.
   Water/glycol mixtures max. mixing ratio:1:1
4. Dry running no more than 10s.