Normal 3 speed type

A type

B type

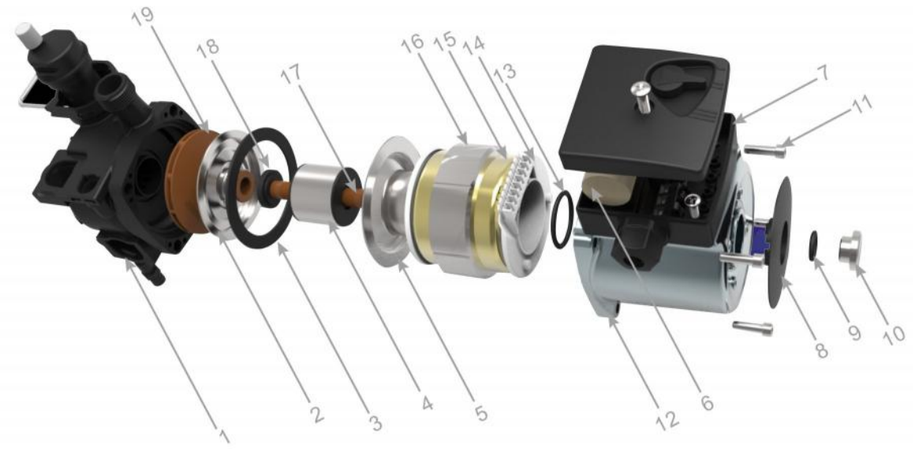
C type

EPD Circulation Pumps For Wall Hung Gas Boiler

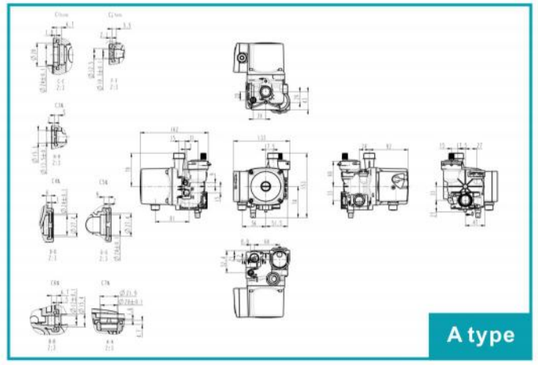
Operating Condition

1.Apply to wall-hung gas boiler system, heating system
2.Max.system pressure:3bar
3.Operation condition:
Ambient temperature:0°C~40°C
Ambient humidity:95%
Liquid temperature:20°C~85°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 paricle ,fiber or mineral oil.
Water/glycol mixtures max. mixing ratio: 1:1
5.Dry running no more than 10s

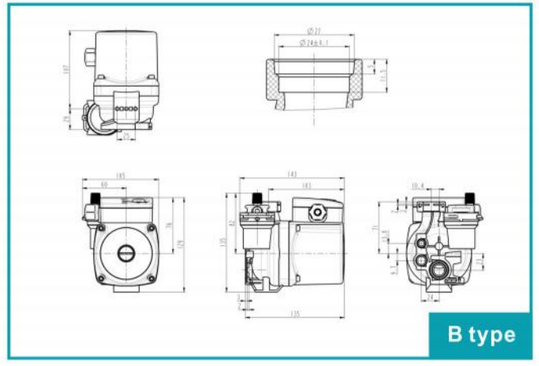
Product Structure



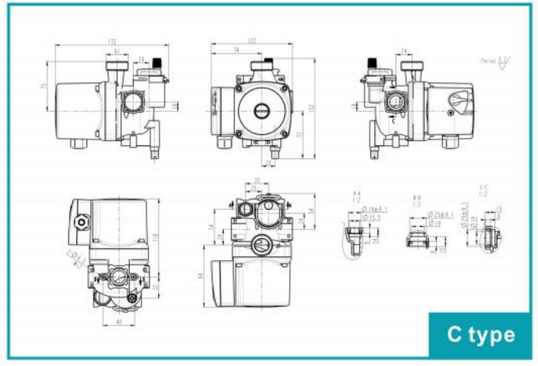
No.	Name	No.	Name
1	Pump body	11	Hexagon socket screw
2	Stainless steel cover	12	Housing
3	Gasket	13	O-ring rubber
4	Rotor	14	Wire protection cover
5	Stainless steel shielding	15	Copper winding
6	Capacitor	16	Stator
7	Terminal box	17	Ceramic shaft
8	Nameplate	18	Ceramic bearing
9	Exhaust screw rubber	19	Thrust gasket
10	Exhaust screw	20	Impeller



A type

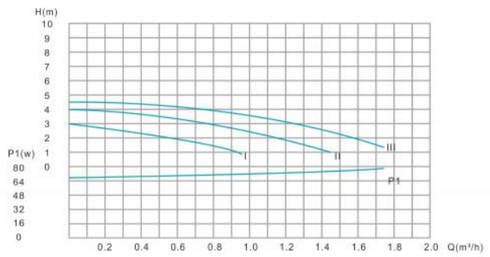


B type

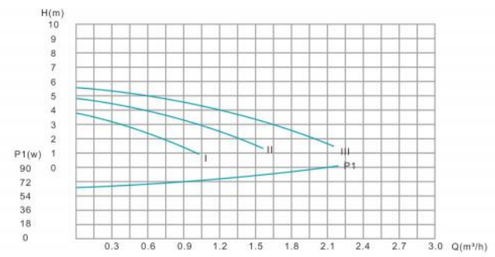


C type

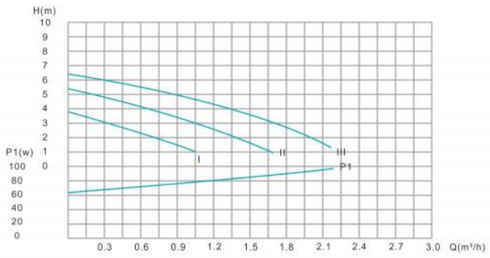
EPD-A/B/C 15/4 15/4 15/4



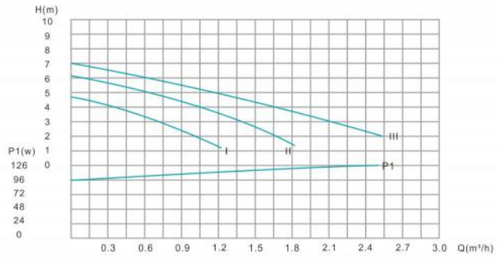
EPD-A/B/C 15/5 15/5 15/5



EPD-A/B/C 15/6 15/6 15/6



EPD-A/B/C 15/7 15/7 15/7



Performance Table

Model	Power	Max.flowing	Max.head	3 speed	Weight
	W	L/min	m		
EPD-A 15/5	79	32	5	●	2
EPD-A 15/6	93	33	6	●	2
EPD-A 15/7	118	38	6.5	●	2
EPD-B 15/5	79	32	5	●	2
EPD-B 15/6	93	33	6	●	2
EPD-B 15/7	118	38	6.5	●	2
EPD-C 15/5	79	32	5	●	2
EPD-C 15/6	93	33	6	●	2
EPD-C 15/7	118	38	6.5	●	2

High efficiency type

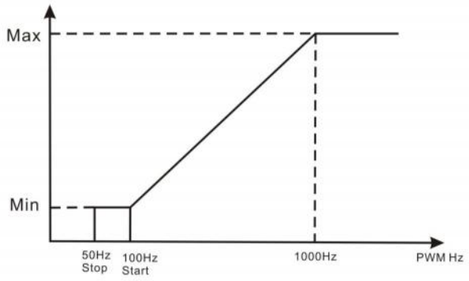
A type

B type

C type

Feature

Permanent magnet, Frequency control system, Energy saving, PWM signal



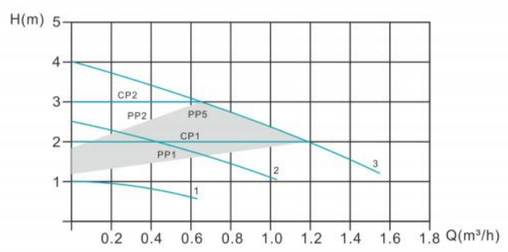
PWM input signal[frequency]	
<50Hz	Pump stops(Standy)
50Hz~100Hz	Pump runs at minimum speed（Activated state）
100Hz~1000Hz	Pump Start-up increases linearly from minimum to maximum
>1000Hz	Pump runs at maximum speed
Speed(RPM)	=Fpwm ×6(note:100<Fpwm<1000)

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, 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	Pumps run 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	Pumps run 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	Pumps run ata constantspeed and consequently on a constant curve.In speed I,the pump is set to run on the Min.curve under all operating conditions.
ECO (EX-FACTORY SETTING)		Under"ECO"mode,the power of pump automatically be up or down according to flow of system in certain condition.
PWM		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.

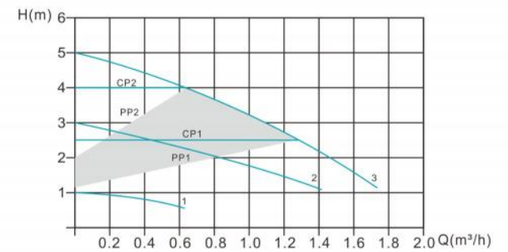
Performance Table

Model	Power W	Max.flowing L/min	Max.head m	3 speed	AUTO	PP1 PP2 PC1 PC2	Weigt
EPD-EA 15/5	32	29	5	●	●	●	2
EPD-EA 15/6A	45	32	6	●	●	●	2
EPD-EA 15/7A	47	33	6.5	●	●	●	2
EPD-EA 15/5B	32	29	5	●	●	●	2
EPD-EA 15/6B	45	32	6	●	●	●	2
EPD-EA 15/7B	47	33	6.5	●	●	●	2
EPD-EA 15/5C	32	29	5	●	●	●	2
EPD-EA 15/6C	45	32	6	●	●	●	2
EPD-EA 15/7C	47	33	6.5	●	●	●	2

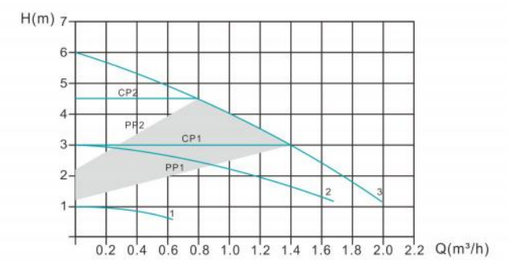
EPD-EA 15/4A 15/4B 15/4C



EPD-EA 15/5A 15/5B 15/5C



EPD-EA 15/6A 15/6B 15/6C



EPD-EA 15/7A 15/7B 15/7JC