

# Perfecta Core2

## Application

For domestic hot water system such as mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system and family hot, cold water pressurization circulation, etc.



EEI ≤ 0.21

**IPWM** **ErP READY**

## Main features

- EEI ≤ 0.21
- Permanent magnet plastic injection motor, intelligent frequency control
- Compact size, easy for installation
- Proportional pressure mode
- Constant pressure mode
- Constant speed mode
- AUTO adapt mode
- PWM external control optional
- Visualized operation
- Low noise, low temperature

## Working condition

- Liquid temperature: 2°C ~ 110°C
- Ambient temperature: 0°C ~ +40°C
- Max system pressure: 10bar
- Protection level: IP44
- Rated voltage/frequency: 220V ~ 240V/50Hz
- Insulation class: E
- Pumped liquid characteristics: clean liquid, free from solids and mineral oils, non-toxic, chemically neutral, close to the characteristics of water
- Installation: the motor shaft must be kept in horizontal direction

## Functions for different model

Model	Internal control			External control
	PP	CP	CS	PWM
CORE XX - X - XXX	I	I	I	PWM1
	II	II	II	
	III	III	III	
	AUTO	/	/	
CORE XX - X - XXX PWM1	/	/	III	PWM1
CORE XX - X - XXX PWM2	/	/	III	PWM2



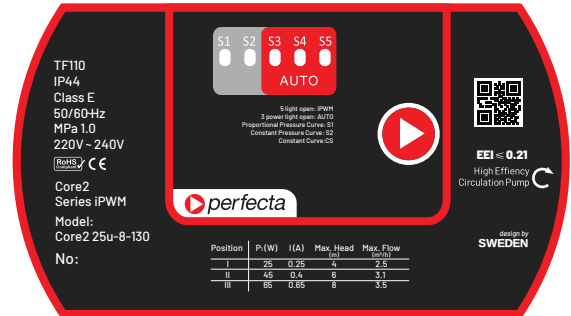
**Flow Rate**  
3.5 m<sup>3</sup>/h

**Pump Head**  
8 m

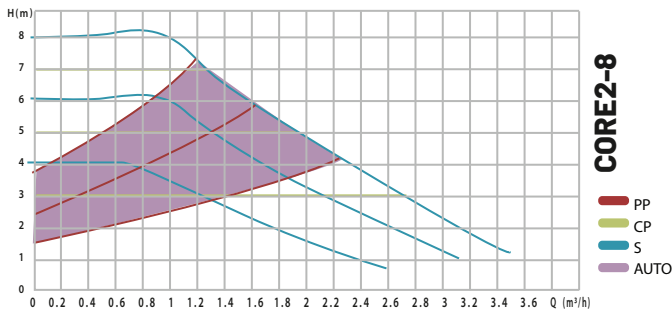
# Perfecta Core2

## 15,25,32 - 8

### Nameplate



### Performance Curve



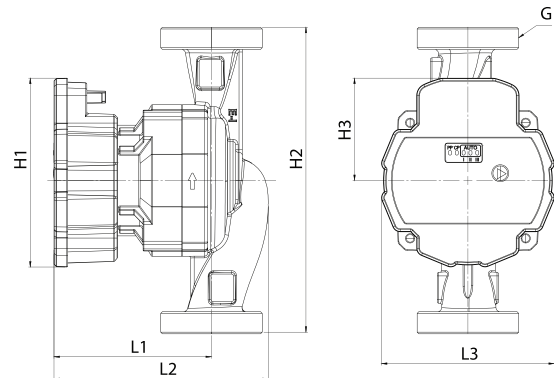
EEI ≤ 0.21

**iPWM** **ErP**  
READY

**CE** RoHS  
Compliant

**UK**  
**CA**

### Dimension



**L1** 193 mm  
**L2** 126 mm  
**L3** 99 mm

**H1** 110 mm  
**H2** 130/180 mm  
**H3** 60 mm

### Different Model

Model	Min/Max Temp (°C)	L (mm) H2	DN G	P1 Max	Voltage (V)	Rated current (A)	Union
15-8-130	-10 to +110	130	15mm G1	65	1x230	0,65	G1 to G3/4
15-8-180	-10 to +110	180	15mm G1	65	1x230	0,65	G1 to G3/4
25-8-130	-10 to +110	130	25mm G1½	65	1x230	0,65	G1½ to G1
25-8-180	-10 to +110	180	25mm G1½	65	1x230	0,65	G1½ to G1
32-8-180	-10 to +110	180	32 mm G2	65	1x230	0,65	G2 to G1¼