



Description

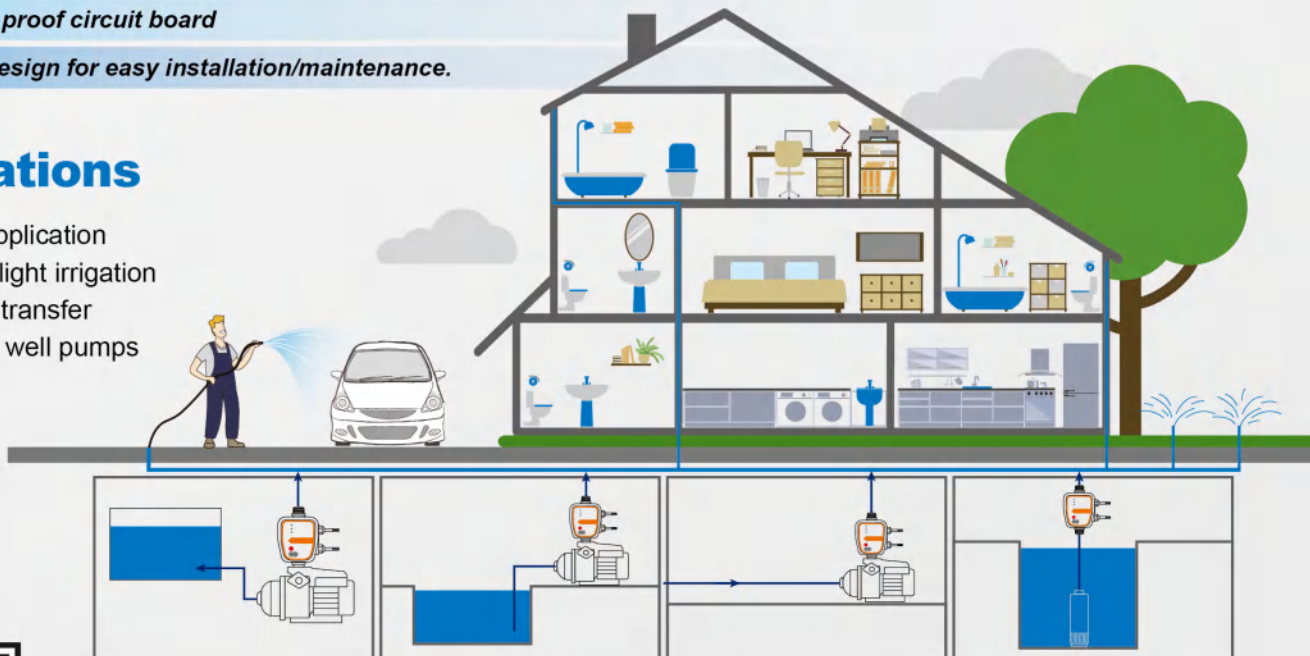
HYDROBUDDY is a smart pump controller that detects real-time water pressure within the piping system and generates starting pressure automatically without any manual intervention. It combines multi protective measures such as water shortage protection, incoming water detection and anti-cycle protection to protect the pump from common water failures.

Advantages

- ⌚ *Auto-generated starting pressure tailored to various piping systems.*
- ⌚ *One controller fits all: support single phase pumps up to 2.2kW in wide working voltage.*
- ⚡ *Max.current 30A to avoid circuit board burnt out.*
- ⚡ *Water shortage protection.*
- ⌚ *Periodic water detection and automatic restart.*
- ⚡ *Anti-cycle protection against excessive pump starts.*
- ⚡ *IP65 Water proof circuit board*
- 🔧 *Compact design for easy installation/maintenance.*

Applications

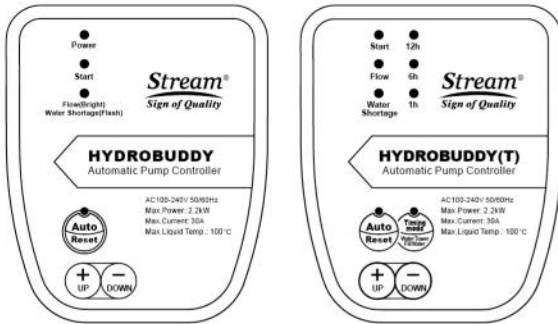
- High head application
- Garden and light irrigation
- Tank to tank transfer
- Submersible well pumps



HYDROBUDDY

Auto Adaptable Pump Controller

Stream®
Sign of Quality



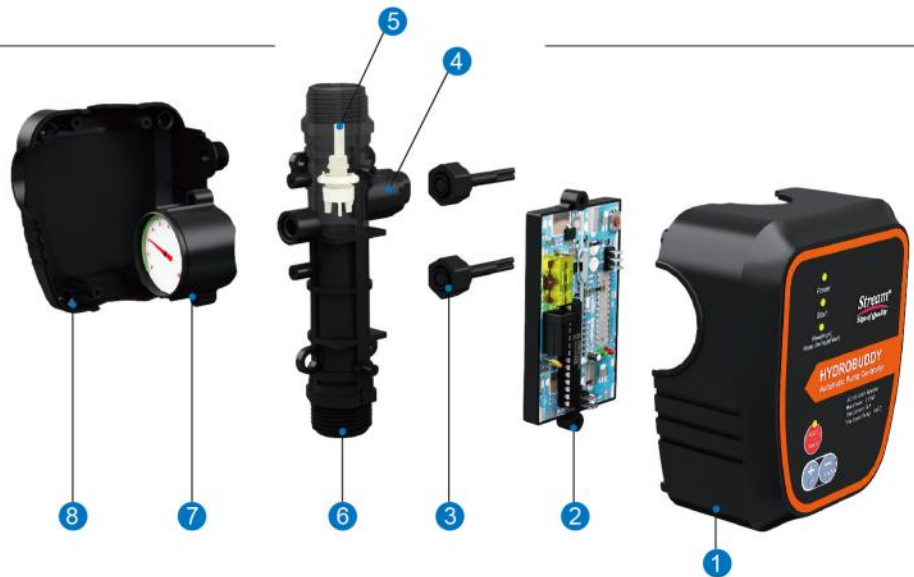
- Control panel includes pump running indicator, starting pressure UP/DOWN adjustment buttons, AUTO mode and Reset mode button, also timing function optional on certain models.

Technical Specifications

| | |
|-----------------------|-------------------------|
| Working Voltage | 1~100-240V |
| Frequency | 50/60Hz |
| Max.Current | 30A |
| Power Range | 0.1-2.2kW |
| Starting Pressure | 0-10bar |
| Max. Working Pressure | 10bar |
| Protection Degree | IP65 |
| Max.Liquid Temp. | 100°C |
| Max Ambient Temp. | 40°C |
| Joint Screw | G1" Male (NPT optional) |

Explosion

| Explosion No. | Description |
|---------------|-----------------|
| 1 | Control panel |
| 2 | Circuit board |
| 3 | Cable screw |
| 4 | Pressure sensor |
| 5 | Flow switch |
| 6 | Main body |
| 7 | Pressure gauge |
| 8 | Back cover |



Dimension

| Model | Installation Size (LxWxHmm) | Carton Size (LxWxHmm) | G.W. (kgs) | CTN (pcs/box) | Master Box Size ((LxWxHmm) | Master Box G.W (kgs) |
|----------------|-----------------------------|-----------------------|------------|---------------|----------------------------|----------------------|
| HYDROBUDDY | 137x76x187 | 195x140x95 | 0.64 | 12 | 435x400x200 | 7.68 |
| HYDROBUDDY(E) | 137x76x187 | 195x140x95 | 0.58 | 12 | 435x400x200 | 6.96 |
| HYDROBUDDY(T) | 137x76x187 | 195x140x95 | 0.64 | 12 | 435x400x200 | 7.96 |
| HYDROBUDDY(TE) | 137x76x187 | 195x140x95 | 0.58 | 12 | 435x400x200 | 6.96 |

*E indicates no pressure gauge

*T indicates with timing function

*TE indicates with timing function no pressure gauge