



# GPM-1

## Pump(mixing-valve) units

In an industry where every degree counts and every drop can make a difference, you don't settle for standard solutions - you choose maximum control, efficiency, and performance. Our pump (mixing valve) units are the key to a smart and reliable water and heating system.

### Get more out of every square foot

With our pump (mixing valve) units, you can create a perfectly balanced climate in which crops perform at their best. By maintaining a constant and precisely controlled water temperature, you prevent stress and promote uniform growth. The results are immediately visible: higher yields, better quality, and greater control over your growing process.

Why waste energy unnecessarily when there's a smarter way? The pump (mixing valve) units make optimal use of return water and mix only when necessary. That means lower energy costs, more sustainable operation, and a system that actively adapts to your needs.

### Full control, more peace of mind, and reliability

Thanks to seamless integration with climate control computers, the pump (mixing valve) units continuously adjust based on current conditions. You stay in control while the system does the work. Fewer manual interventions and greater reliability.

### Protect what matters most

Every crop is different, which calls for a customized solution. With our pump (mixing valve) units, you can easily control the ideal temperature and heat distribution for each growing zone. From young seedlings to mature crops: every section gets exactly what it needs.

### Why choose GPM:

- Maximum control, efficiency and productivity
- More control over the cultivation process
- Seamless integration
- Reliable solution
- Flexibility



Your system and your crops deserve maximum protection. The pump(mixing-valve) units prevent damage caused by excessive temperatures and ensure safe, stable operation. Reliability you can count on each day.

### One solution, endless flexibility

With the pump (mixing valve) units, you're not just delivering a system, but a proven solution that adds immediate value. Our pump (mixing-valve) units are versatile, easy to operate, and designed for long-lasting, trouble-free performance. They are not just components - they are the technologies behind your success.

### Available models:

- **GPM-1 pump(mixing-valve) unit:**  
1-phase 230V and 3-phase 230V or 400V
- **GP-1 pump unit:**  
1-phase 230V and 3-phase 230V or 400V



### Service display (MCSD)

The versatile service display, to which other devices can also be connected, always provides you with an overview of the most important functions, settings, and values, such as:

- Set and current motor current
- Operating hours
- Number of cycles
- Limit switch status
- Unbalance

