

# Grundfos PM START

## Optimised home water pressure

The Grundfos all-in-one PM START pressure manager works with domestic water supply pumps from Grundfos or any brand, automatically starting the system pump at a preset pressure point and continuing for as long as the water flows.

It ensures optimal water pressure wherever and whenever it's needed around the home, solving issues such as fluctuating or insufficient water pressure. Easy to install and safe to run, the PM START includes such features as dry-running protection.



### Fixed start pressure


Connect PM START to the water supply pump and let it take control. Available in either a 1.5 or 2.2 bar model, PM START will start the pump when the respective cut-in pressure is reached, and keep it running as long there is sufficient flow of water. PM START will stop the pump and protect it from dry running in case of water shortage. Should a power outage occur, operation resumes once power has been restored.


### For water supply or rainwater systems in:

- Single-family houses
- Blocks of flats
- Summer houses and holiday cottages
- Horticulture and gardening
- Agriculture


### Key features

 Alarm indication

 Dry-run protection

 Integrated non-return valve

 Internal pressure membrane

 Compatible with generator supply

**GRUNDFOS** 

Possibility in every drop

## Quick sizing

The below sizing table can help you determine which cut-in pressure, and thus which PM START model, suits your application requirements.

	PM START	PM START
Cut-in pressure	1.5 bar (22 psi)	2.2 bar (32 psi)
Number of floors	5	7
Building height	15 m (49.2 ft)	22 m (72.2 ft)
Min. pump pressure	3 bar (44 psi)	3.5 bar (51 psi)
Max. system pressure	10 bar (145 psi)	10 bar (145 psi)

## Technical data

Supply voltage	1 × 230 VAC 50/60 Hz 1 × 115 VAC 50/60 Hz
Max. current	10A
Max. power at 115 VAC	1.1 kW (1.5 HP)
Max. power at 230 VAC	1.5 kW (2 HP)
Enclosure class	IP65
Male connection	G1

## Operating conditions

Liquid temperature	0-60 °C (32-140 °F)
Cut-in pressure	1.5 bar or 2.2 bar (22 psi or 32 psi)
Min. flow rate	1 l/min (0.26 gpm)
Max. system pressure	10 bar (145 psi)
Pumped liquids	Clean water

## Approvals and markings

### Safety



### Drinking water



ACS AS/NZS 4020:2018

