

**APPLICATIONS**

The Grundfos PM Rain is an interconnect device that allows you to utilise your harvested rainwater for toilet, laundry and garden applications, with the added benefit of mains water backup.

The PM Rain is used in conjunction with a Grundfos pump. The pump itself is only activated when rainwater is being drawn from the tank. It does not operate when switched to mains.

The PM Rain automatically starts when a demand is sensed – for example the flushing of a toilet or filling a washing machine - and will switch over to mains water when your tank is empty or in the case of an electrical failure.

Grundfos has incorporated a specially designed valve eliminating the need for an in-tank float – drastically decreasing installation time.



**FEATURES**

- The easiest, quickest system to install
- Does not require any regular maintenance
- Dual check valve for backflow prevention
- Suitable for above and below ground tanks
- Will automatically switch to mains water in the event of power failure

**CONSTRUCTION**

- The Grundfos PM Rain, JP Rain, JP and SB all comply with AS/NZS 4020 – Testing of products in contact with drinking water
- Always install under cover to protect from the elements

**OPTIONS**

The Grundfos PM Rain is available in a number of configurations:

**Surface Mount** – The PM Rain interconnect device can be fitted to one of our reliable JP or JP Rain range of pressure pumps, making it suitable for above ground tanks.

**Submersible** - The PM Rain interconnect device can be fitted to a submersible SB pump for in tank pump installations with either a wall or tank mount kit, making it a great solution for above and below ground tanks.

**TECHNICAL FEATURES**

- Maximum Flow Rate – Pump 75 Lpm
- Maximum Mains Pressure – limited to 200 kPa
- Maximum Water Temperature 40°C
- Maximum Ambient Temperature 50°C
- Mains water inlet size via dual check valve ¾” BSP (F)
- Voltage 240 V, 50 Hz

		Above Ground Tank	Above Ground Tank	Below Ground Tank
Type of House	Outlets	Basic Solution	Grundfos Quality Solution	Grundfos Quality Solution
Single Storey	1 x Toilet, Laundry and Outside Tap	JPRain2 PM Rain		
	2 x Toilets, Laundry and Outside Tap	JPRain3 PM Rain		
	3 x Toilets, Laundry and Outside Tap	JPRain4 PM Rain	JP5 PM Rain	SB 3-35 PM Rain
	4 x Toilets, Laundry and Outside Tap	JPRain4 PM Rain	JP6 PM Rain	SB 3-45 PM Rain
Double Storey	1 x Toilet, Laundry and Outside Tap	JPRain3 PM Rain		
	2 x Toilets, Laundry and Outside Tap	JPRain4 PM Rain	JP5 PM Rain	SB 3-35 PM Rain
	3 x Toilets, Laundry and Outside Tap	JPRain4 PM Rain	JP6 PM Rain	SB 3-45 PM Rain

## PM RAIN DEVICE

The PM Rain saves you more than just water. The 'floatless' operating system allows for speedy installation with no holes to drill or cable to conduit. The PM Rain comes complete with all of the features you would expect, such as automatic changeover and water source indication lights.

The PM Rain also incorporates further protection features such as leakage detection (to prevent rapid cycling). The PM Rain is fully certified to AS4020 - The *Standard* designed to test any product that comes in contact with drinking water. To further reduce the usage of precious mains water the incoming pressure is reduced to 200 kPa.

## SB – ABOVE & BELOW GROUND TANKS

The SB submersible pump is silent when submerged and is therefore a noiseless alternative to external surface mounted pumps. The SB pump is built of composite and stainless-steel materials that are resistant to corrosion. The SB pump is available in two sizes for single or double storey houses.

## JP RAIN – ABOVE GROUND TANKS ONLY

The JP Rain is the Grundfos entry level water harvesting pumping unit. Made from technopolymer plastics, the JP Rain will give many years of trouble free service. The JP Rain is available in three sizes for small single storey houses to large two and even three storey applications.

## JP – ABOVE GROUND TANKS

The robust Grundfos JP stainless steel pressure pump is the premium choice in external pumps for rainwater harvesting. It is available in two sizes to better match your needs.



JP Rain Pump



SB Pump

