

# IRM® - HYBRIDE SYSTEEMBESTURING

Rainwater system control for hybrid tank



rethinking water



## PRODUCT DESCRIPTION

The IRM®-Hybrid system control system automatically replenishes the hybrid tank with rainwater from the large rainwater tank. In the absence of rainwater, the hybrid tank switches to drinking water. The control can also be switched manually to drinking water. Optionally, the rainwater tank can also be equipped with a pressure sensor so that the current water level can also be displayed by the GEP Hybrid control system.

The display of the hybrid control is done via an LCD display. The system is continuously monitored and any faults are reported by the control, not only via the LCD display, but also via an acoustic signal and a potential-free contact. In addition, the control system provides a stagnation protection for the supplying drinking water line and a data log of the various operating hours. There is also the option to connect a backflow protection. When returning from the sewer to the rainwater tank the control will report this and automatically switch to drinking water.

## SCOPE

The system can be used for the use of filtered rainwater in non-residential buildings for toilet flushes and other applications for which no drinking water quality is required.

## TECHNICAL DATA

Width in mm:	150
Height in mm:	110
Depth in mm:	70
Weight in kg.:	1,5
LCD Display:	2 lines with 16 characters each
Control:	4 keys
Level measurement:	float switches (HSS)
Level measurement:	Druksensor (HSP)
Protection class:	IP 44
PumpPower 1 in Watt:	Max. 1.500
PumpPower 2 in Watt:	Max. 1.500
Valve Power in Watt:	Max. 500 W
Voltage in Volt:	230
Frequency in Hz:	50
Standby in Watt:	2,8
Security:	Pin

## MULTI TANK REGLING

The IRM®-Hybrid control has a multi-tank control. This is an extra function to use remote rainwater tanks or source pumps and to supplement the main tank. For this the control can be extended with a pressure sensor in the main tank. The extra supply pump is then activated as soon as the water level in the main tank drops below 30%. This main tank is then supplemented to a level of 50% by this extra supply pump.

## OPTIONS

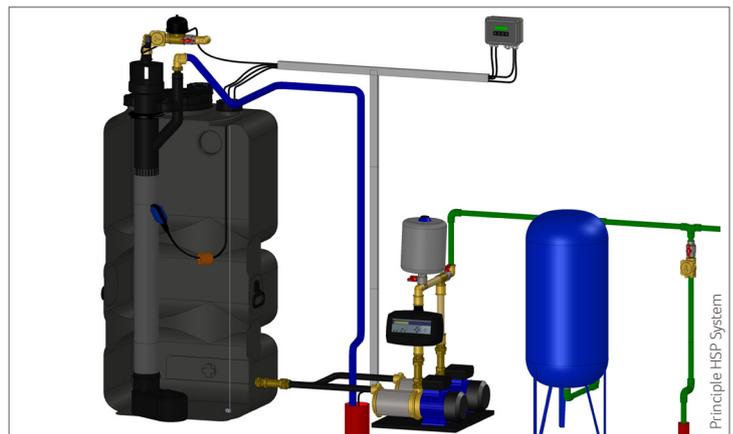
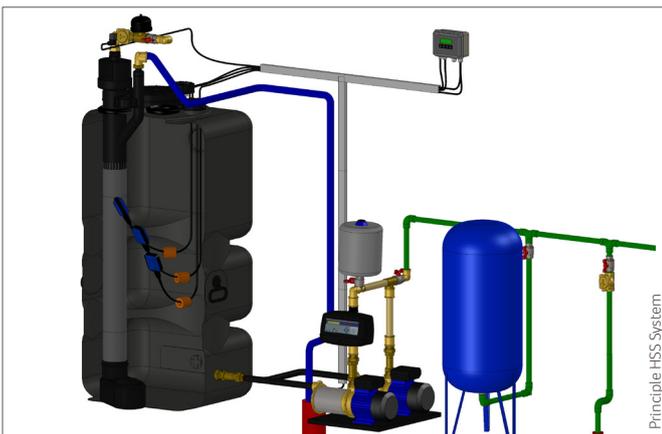
Antihevelset

In places where the break tank is lower than the rainwater tank, an anti-hull set must be placed in the feed pump line.

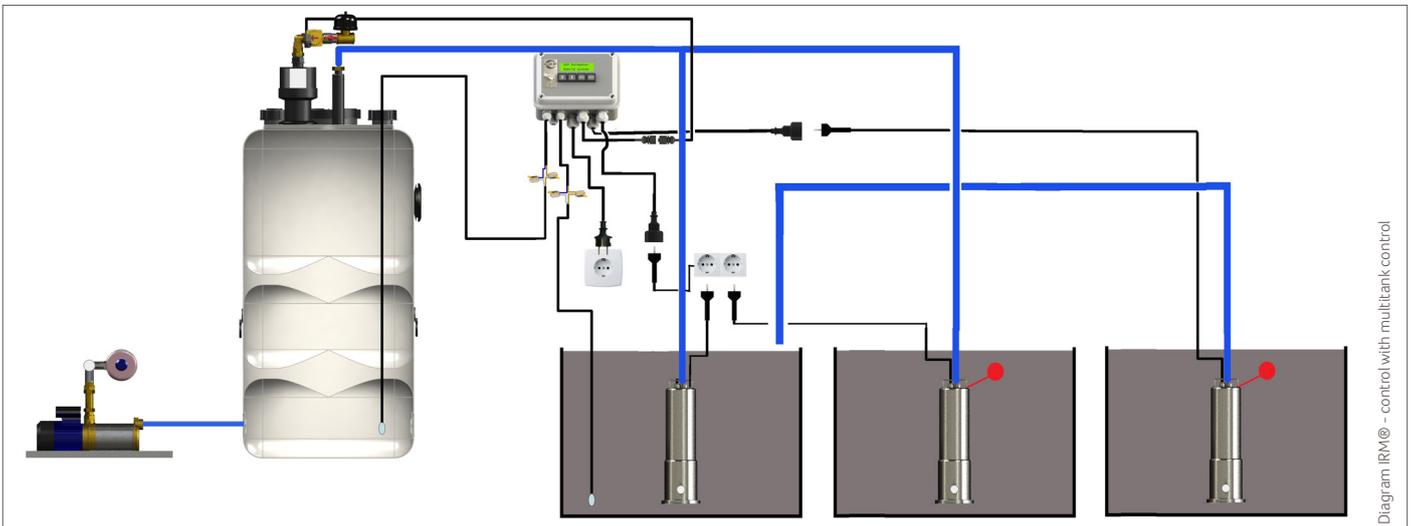
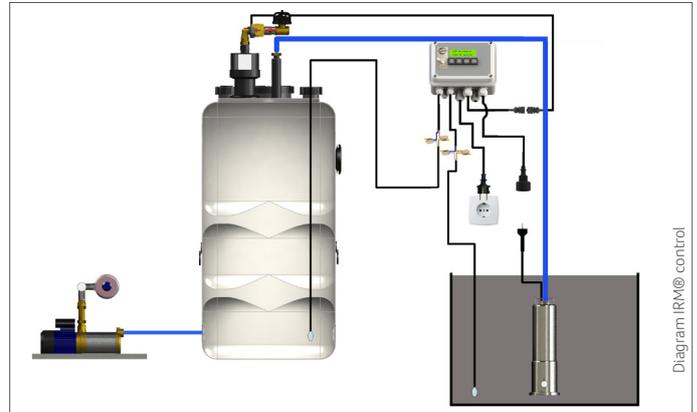
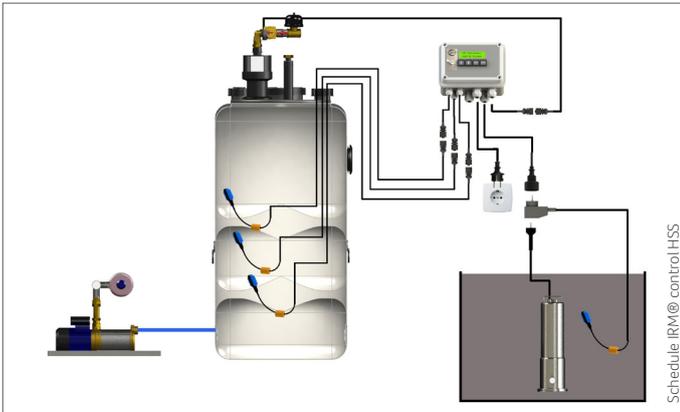
Level sensor 50 meters of cable

For locations where the distance between break tank and rainwater tank is greater than 15 meters.

## TECHNICAL DIAGRAMS



## CONNECTION DIAGRAM



## SCOPE OF DELIVERY

Product consists of: plug-in pre-assembled control box with built-in LCD screen and accompanying installation instructions. The HSP version is equipped with a pressure sensor with 20 meters of cable and plug. The HSS version is delivered without a pressure sensor but with three float switches with weight and connection terminals.

## ORDERING INFORMATION

Art nr	NAME	PG
402110	IRM@ - Hybrid steering HSS with float switch	4
402111	IRM@ - Hybrid control HSP with pressure sensor	4
402710	Level sensor with 20 meters of cable	4
402711	Level sensor with 50 meters of cable	4
409250	Level sensor system tank	4
402713	Anti-mist set IRM@-8	4

