



1. Rainwater collected from roof area
2. Rainwater enters drainage through sealed gullies
3. Tank and encasement material
4. Filter unit integrated within tank
5. Inlet calmer
6. Tank and filter overflow
7. Optional 0-100% tank level gauge
8. Floating suction filter
9. Suction Hose - maximum suction hose 40m length at 3m head
10. Tank access chamber and lid
11. Monsoon Control Unit
12. Mainswater top-up
13. Overflow to drain
14. Optional disinfection
15. Points of use

Any external supplies
Must use a locking tap
(not supplied)

All pipework must be correctly labelled identifying 'reclaimed water'

Water supplied at pressure to points of use; common examples:
Toilet flushing
Vehicle washing
Laundry
Irrigation

Mainswater Pipework, must be fitted fitted with gate valve and Y-strainer (by others)

Optional disinfection unit and power supply

Local Power supply

Services must be accessible within hand reach (300mm) – from ground level

Ensure that drainage is installed to accommodate the invert difference between the tank inlet and outlet and that a fall can be maintained to reach either the storm drain or soakaway

Suction pipework to be fitted at 750mm below finished ground level back to the building to prevent freezing (Insulate all pipework above 750mm)

Drainage should remain horizontal for the last 1000mm entering the filter

Note:
Rainwater must not be used for drinking water!



Stormsaver Ltd
Roewood Farm, Winkburn, Newark.
Nottinghamshire. NG22 8PG.
Tel: 0844 884 0015 Fax 0844 884 0016
www.stormsaver.com

This drawing remains the property of Stormsaver Ltd and is provided in confidence. The use, reproduction or disclosure either whole or in part is prohibited without written consent of Stormsaver Ltd

Note:
Stormsaver may make alterations to the internal layout of the processor unit. This drawing may be subject to change and is issued for illustrative purposes only.

Title:
MONSOON-DOMESTIC-RANGE
Electrical layout schematic

Initial & Date: MF 15.07.09

Scale: Not to scale

Note:
It is the responsibility of others to ensure that:
Pipework is correctly designed, installed, sized, insulated and identified.
BLACK Suction pipe be fitted between the tank and building - Black to be used to minimise risk of cross contamination.
Mainswater pipework must top-up the control unit via a strainer and isolator.
All pipework connections MUST be water tight to prevent air being sucked into pipework as well as allowing water to escape!!!
Faulty pipework can lead to pump failure and disruption to water supply!!!

Technical Information:
Dimensions (H x W x D) 398 x 353 x 200 mm
Weight: 8 kg
Switching power supply input: 110-230 V AC / 50-60 Hz
Switching power supply output: 24 V DC / 10%
Power consumption: Max. 90 W
Max. operating pressure: 2,8 to 3,5 bar (factory setting 3,5 bar)
Max. flow volume: 10 l/min
Mains water pressure: 2,5 - 4 bar (must not exceed 4 Bar)
Pump start-up pressure: Approx. 1,8-2,5 bar (depends on the set maximum pressure)

Protection rating:
IP 44
Noise level: 48 dbA
Max. intake length: 40 m at 3 m height (with inside diameter = Ø13mm)
Mains water line: 1/2" BSP
Rainwater intake line: 3/4" BSP
Usage pressure line: 1/2" BSP

Materials: Back wall: Metal, powder-coated, pearl grey
Housing: Plastic ABS, white
Potable water tank: Polypropylene
Length = 5 m

Floating switch:

