

Hya-Rain – Rainwater Harvesting System



Applications:

- Rainwater harvesting
- Service water utilisation
- Irrigation systems
- Spray irrigation systems

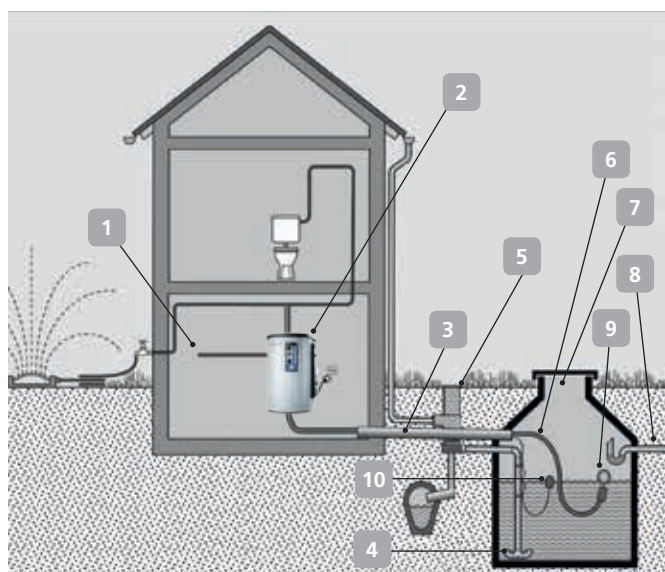
More information:

www.ksb.com/products

Your contact:



Hya-Rain – Rainwater Harvesting System



- | | |
|----------------------|---|
| 1 Mains water supply | 7 Rainwater storage tank |
| 2 Hya-Rain | 8 Overflow to public sewer or catch pit |
| 3 Conduit | 9 Floating intake |
| 4 Calmed inlet | 10 Float switch with 20-metre cable as a standard |
| 5 Rainwater filter | |
| 6 Suction line | |

Energy-saving

Top efficiencies

Multistage, self-priming centrifugal pump.

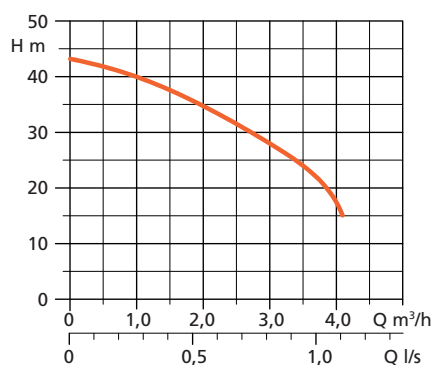
Reliable

Continuous operation

Automatic switching to mains water if the rainwater storage tank is empty. Programmable replacement of water in mains water storage tank (Hya-Rain N only).

Safe

Safety shut-off in the rainwater storage tank line for safe operation below the flood level. Integrated dry running protection.



Size

Height: 630 mm	Depth: 360 mm
Width: 410 mm	Weight: approx. 28 kg

Putting you at ease

Whisper quiet

Straightforward installation

Ready to connect. Complete with accessories for connection to mains water or consumer lines. Float switch for rainwater storage tank or optional water level indicator easy to connect from the outside.

Universal use

Switching between automatic and manual operation possible. Terminals for connecting a booster pump (e.g. Ama-Drainer).

Keeping you informed

Operating pressure gauge and rainwater level indicator, in combination with LEDs, indicate the operating condition (water level indicator fitted as a standard on Hya-Rain N).

Technical data

Flow rate Q	Up to 4 m³/h (1.1 l/s)
Head H	Up to 43 m (of water)
Fluid temperature t	Up to +35 °C
Operating pressure p	Up to 6 bar
Start-up pressure (pump)	2.5 bar
Inlet pressure (pump)	Up to 1 bar
Inlet pressure for mains water back-up system	Up to 4 bar
Mains water back-up flow rate at 4 bar	Up to 1 l/s
Suction lift	Up to 7 m (of water)
Process connection	Suction and discharge side Rp 1, mains water Rp ¾, overflow DN70



KSB Aktiengesellschaft
Johann-Klein-Straße 9
67227 Frankenthal (Germany)
www.ksb.com