

UWO - Matrix EN 1717

Rainwater Management



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small - strong - safe

The original German designed in-house wall mounted automatic mains water backup integrated control unit. Now with a higher pressure for saving drinking water in 1 or 2 households

Hook-up

mains water connection	3/4"
suction side / extraction	1 1/4" / 1"
overflow	DN70
weight (dry)	22 kg
max. pumping capacity	60 l/min (@ 4.5 bar)

Functional Description

Matrix is a complete single integrated, mains water backup feeding unit with increased pressure during automatic switch over during low periods of rain. Water is exchanged automatically to avoid stagnation in the mains water supply pipe and feeding box.

Motor

- closed fan cooled
- IP 44 / insulation class F
- 2850 RPM constant speed

Application Advantages

- no pump in the tank - simpler hook-ups
- wall mounted via bracket
- all water contact parts are corrosion resistant
- 10L internal mains water tank to minimise mains water consumption
- manual operation via front panel switch
- fully insulated removable front panel
- can be located in a cupboard
- LED systems status and optional tank capacity
- 460mm (H) x 360mm (W) x 320mm (D)

ASP MAX 80/48

- high hydraulic pressure and output
- low power consumption
- low noise operation

Operating Features

- liquid: clean water without solids
- highest temperature of liquid max. 50° C
- max. suction height 7 m with pump strainer
- max. operation pressure 4.5 bar.

Design Features

- stainless steel pump body
- die cast aluminium mounting assembly
- techno polymer motor distributor
- stainless steel pump/motor shaft
- graphite ceramic mechanical sealing

Water circulates in the pump body only during suction. A valve then interrupts circulation for the pump to reach maximum output performance.

