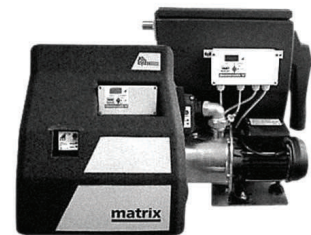
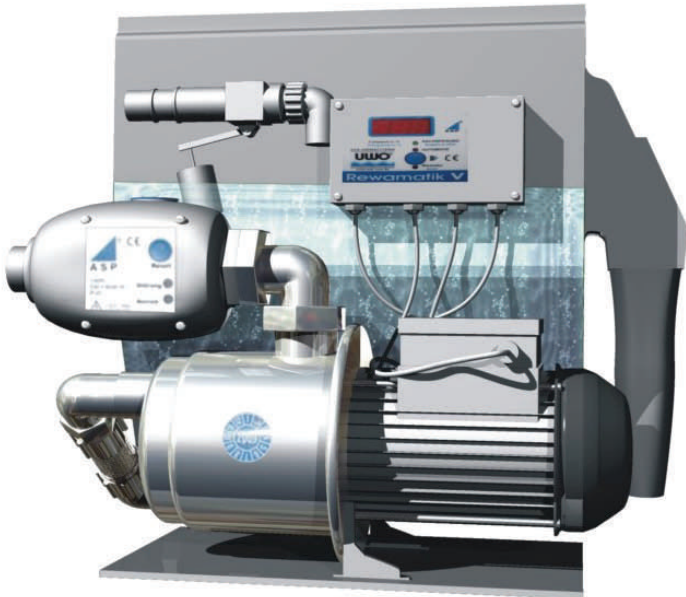


# UWO - Matrix

## Rainwater Management



### Rainwater Management

#### UWO - Matrix EN 1717

##### small - strong - safe

The original German designed in-house wall mounted, automatic mains water backup control unit

##### Hook-up

mains water connection	3/4 "
suction pipe	1 1/4"
pressure pipe	1"
overflow	DN70
weight (dry)	27 kg
max. pumping capacity	60 l/min (@ 4.5 bar)

##### Functional Description

Matrix is a complete, single integrated, mains water backup feeding unit. Increased pressure during automatic switch over for low periods of rain. Water is exchanged automatically, every 28 days, to avoid stagnation in the mains water break tank.

##### Motor

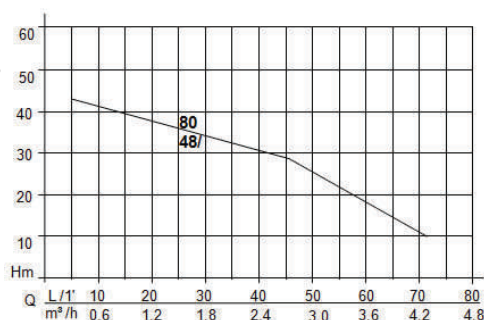
- closed fan cooled
- IP 44 / insulation class F
- 2850 RPM constant speed

### Application Advantages

- no pump in the tank - simpler hook-ups and maintenance
- 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 460mm (W) x 320mm (D)

#### ASP MAX 80/48

- high hydraulic pressure and output
- low power consumption
- low noise operation ~ 68dBA



### Operating Features

- liquid: clean water without solids
- max. temperature of liquid 35°C
- max. suction height 6m with pump strainer
- max. operation pressure 4.5bar

### Design Features

- stainless steel pump body
- die cast aluminium mounting assembly
- WRAS approved mains water float valve
- stainless steel pump/motor shaft
- backflow prevention approved to EN1717

### Options

- solenoid controlled 7 day timer filter wash
- digital tank contents gauge (% full)
- high water level audible alarm

