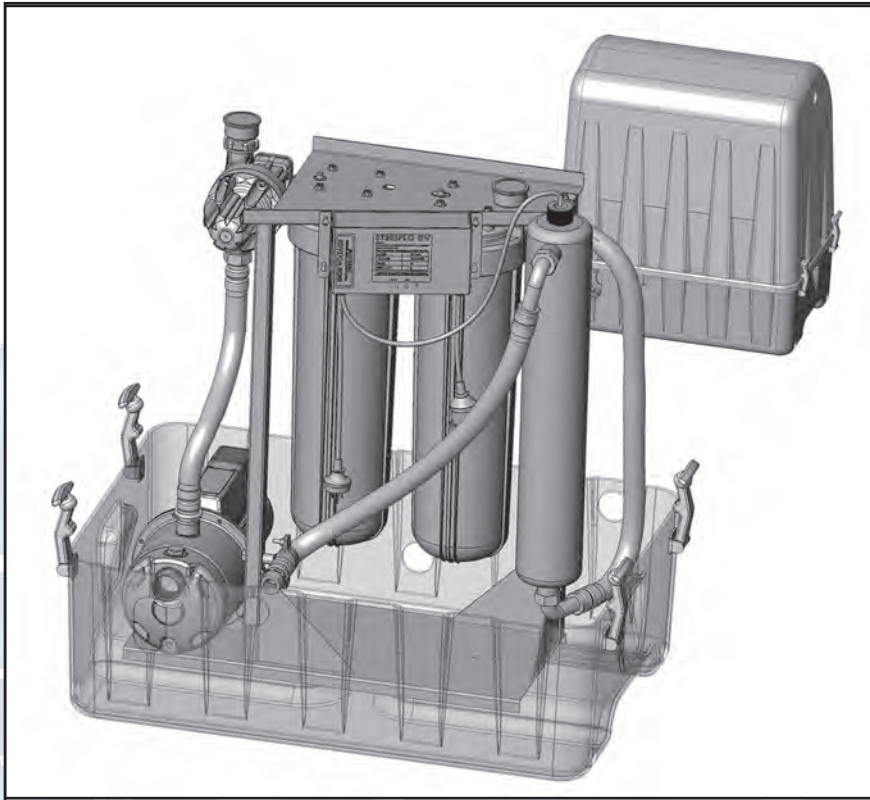


AQUASHIELD® MAX RAIN WATER TREATMENT



FEATURES & BENEFITS

The Aquashield Max's 3 stage water disinfection & filtration process will ensure a safe and hygienic water supply*

Factory matched and tested package ensures the correct UV dosage is delivered with high reliability.

Pump interlock detects lamp failure and locks pump out ensuring only disinfected water is delivered.

Lamp count down timer with set limit of 9000 hours (1 year) ensures only disinfected water is delivered.

Durable UV resistant cover allows for flexible, vandal resistant, exterior installation.

Anti-cycling controller eliminates energy wasting and nuisance pump cycling maximizing.

RainBank™ MKII controller option;

- Provides seamless automatic mains water back-up and source indication
- Automatically revert to mains water if power fails or pump is removed
- Incorporates an in-built 25mm Dual Check Valve for backflow prevention and plumbing code compliance

Torium™ T70 controller option;

- Intelligent automatic pump control maximises pump efficiency by adjusting run on time and cut in pressures.
- Offers 'loss of prime protection' with auto retry to protect your investment while offering convenience and dependability.

High efficiency Steriflo UV disinfection system with low pressure lamp and test tube quartz sleeve for easy cleaning and high performance.

2 x 20" jumbo cartridge Filterpure filter housings for low friction losses and long cleaning intervals ensuring an efficient, economical system.

20 micron pre-filtration for long cleaning intervals with dirt, rust, sediment and debris reduction

1 micron filtration for parasitic cyst reduction and to reduce 'shadowing' of bacteria and virus.

Pressure drop 'Gauge Set' for simple filter condition diagnosis.

*Cannot treat water contaminated by metals, chemicals, algal toxins or radiation.
**Will vary depending on water quality. Check pressure drop 'Gauge Set'.
Based on clean rainwater.

PRODUCT DESCRIPTION

Factory matched rainwater management and treatment packages for both tank only and mains water back-up installations.

APPLICATIONS

- Pressure boosting & disinfection of rainwater
- School shower & toilet blocks
- Commercial toilet flushing
- Large home potable water supply
- Industry process water treatment
- Guest house potable water supply
- Bacteria and algae growth control for aquaculture and water features
- Also suitable for bore and surface water treatment – subject to water quality

OPERATING LIMITS

Capacities to	70lpm
Max. system pressure	700kPa
Max. mains water pressure for RB models	850kPa
Water temperature range	8°C-40°C
Max. ambient temperature	50 °C
Lamp life	9,000 hrs (one years operation)

SERVICE INTERVALS**

20 Micro Filter		
Clean		3 months
Replace		up to 12 months
1 Micro Filter		
Replace		up to 12 months
UV Lamp		
Replace		12 months
UV Quartz Sleeve		
Clean		12 months

MODELS

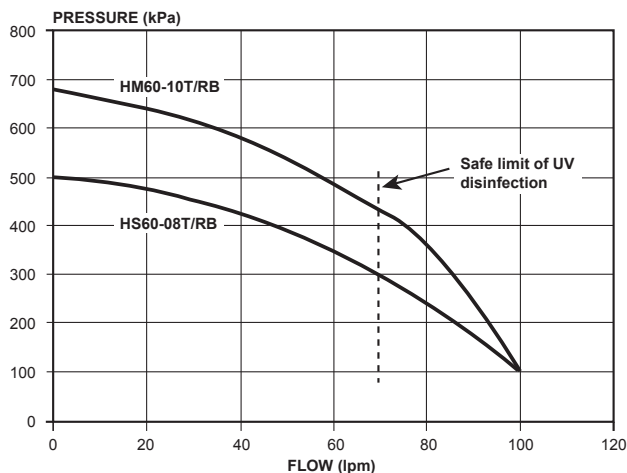
ASHS60-08T
ASHM60-10T
ASHS60-08RB
ASHM60-10RB

TECHNICAL SPECIFICATIONS

MATERIALS OF CONSTRUCTION

PART		MATERIAL
Housing		
Cover		Polyethylene
Frame		304 stainless steel
Pumps		
Pump casing		304 stainless steel
Pump backplate		304 stainless steel
Pump stages	HM	304 stainless steel
	HS	Glass filled Noryl
Pump impellers	HM	304 stainless steel
	HS	Glass filled polycarbonate
Pump shaft	HM	316L stainless steel
	HS	303 stainless steel
Neck rings	HM	Teflon
	HS	Polypropylene & teflon
Mechanical seal		Carbon / ceramic
Orings	HM	EPDM
	HS	Nitrile rubber
Motor shell & lantern bracket		Marine grade aluminium with baked polyester powder coat
Controller - Torrium		
Housing		Glass reinforced nylon
Diaphragm		Santoprene 87
Springs		Molybond coated tempered steel
Sensor plate		High grade Titanium
Flange adaptor & nut		Glass reinforced nylon
Orings		Nitrile
Controller - RainBank		
Housing		Glass reinforced ABS & Noryl
Diaphragm		Santoprene 87
Dual check		D.R Brass
Sensor plate		316 stainless steel
Filters		
Filter housing		Glass reinforced polypropylene
20 micron filter		Pleated polyester fabric
1 micron filter		Spun melt polypropylene fabric
Steriflo UV disinfection unit		
Chamber		304 stainless steel
Lamp		Low pressure high intensity
Sleeve		Quartz
Pipework		
Braided hose		Silicone lined stainless steel

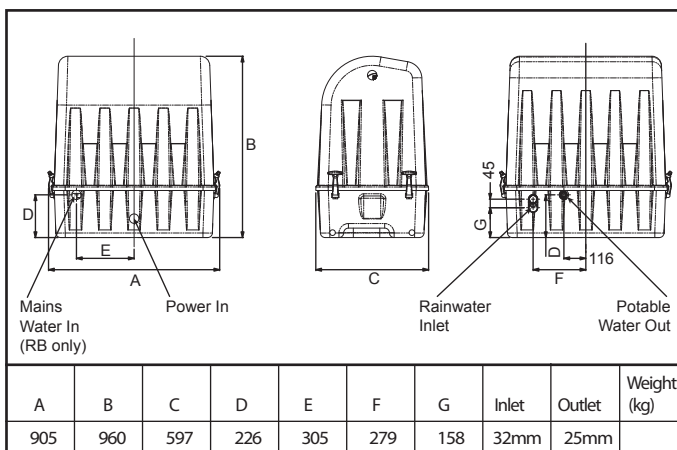
HYDRAULIC PERFORMANCE



ELECTRICAL DATA

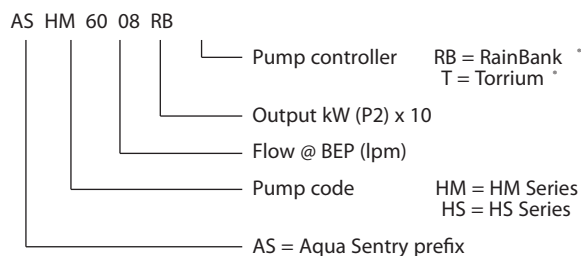
	ASHS60-08T	ASHM60-10T	ASHS60-08RB	ASHS60-10RB
Supply voltage	220-250V			
Supply frequency	50Hz			
Phase	Single			
Motor speed	2850	2900	2850	2900
Full load current	4.9A	5.9A	4.9A	5.9A
Locked rotor current	18.0A	28.0A	18.0A	28.0A
Input power (P1)	1.1kW	1.25kW	1.1kW	1.25kW
Output power (P2)	0.76kW	0.94kW	0.76kW	0.94kW
Enclosure class	IP56			
Standby lamp power	45W			
Motor insulation	Class F			
Motor starting	PSC			

DIMENSIONS



All dimensions in mm unless otherwise stated.

IDENTIFICATION OF THE SYSTEM



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protecting our environment

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