

DOMESTIC | COMMERCIAL | AGRICULTURAL

Harlequin®  
**HydroClear**

SEWAGE TREATMENT PLANT

TRUSTED & RELIABLE

# SEWAGE TREATMENT SYSTEMS



TANK LIFE  
EXPECTANCY

FREE  
SITE VISIT  
AVAILABLE

 @harlequinMFG

[www.harlequinplastics.co.uk](http://www.harlequinplastics.co.uk)

**Harlequin®**  
MANUFACTURING FOR TOMORROW



A member of  
  
BRITISH WATER



## HYDROCLEAR

The HydroClear range of sewage treatment plants can efficiently treat wastewater from bathrooms, toilets, laundry and kitchens before being safely discharged into a watercourse such as a river or a stream and drainage field. Wastewater discharged from these sewage treatment plants are absolutely safe and clean enough to be discharged into a watercourse or a drainage field. With a market leading pollutant removal of 97.5%, these robust MDPE systems are best suited for a variety of domestic applications.

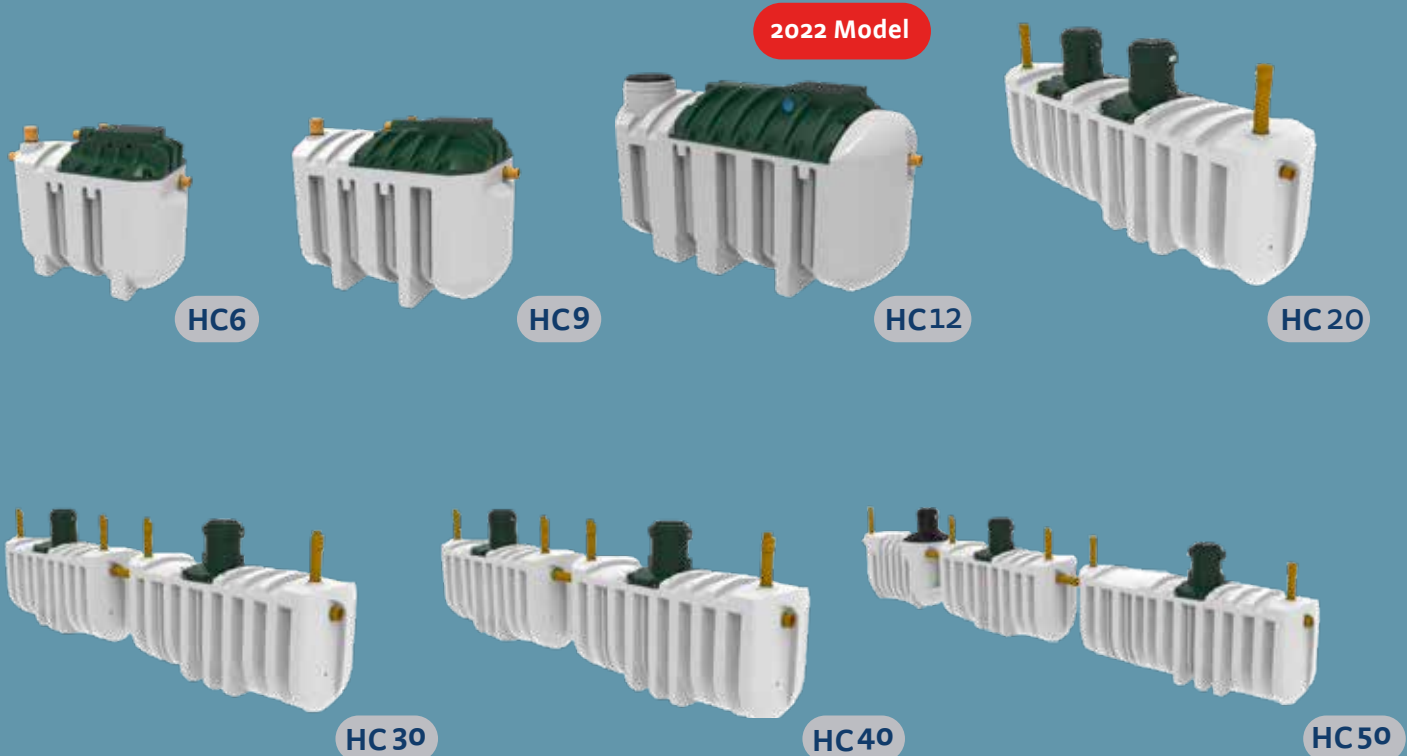
Optimal performance, easy installation, super quiet operation, low maintenance costs, reliable bio media system and durability are all qualities that make the product ideal for all off-mains sewage treatment requirements.



## KEY FEATURES

-  Super Quiet\*
-  Pollutant Removal Level of 97.5%\*\*
-  Durable & Stable MDPE Design
-  Odourless
-  Reliable MBBR System
-  Low Maintenance Costs
-  Power Failure Default
-  Compact System
-  2 Year Warranty\*\*
-  Small Low Profile Covers
-  Suitable for Trafficked Areas\*\*\*\*
-  Certified for use in the UK in compliance with EN12566-3

## PRODUCTS



\* When installed in accordance with manufacturers instructions

\*\* Pollutant Removal of 97.5% refer to HC6, 9 & 12

\*\*\* 2 year warranty only when product is registered on our website

\*\*\*\* Subject to a suitable slab designed by a Structural Engineer

## CONTINUOUS AERATION PLANTS

The CAP range of compact sewage treatment plants are designed specifically for domestic installations. These continuous aeration plants operate using a unique bio-media system and deliver a pollutant removal level of 96.2% whilst also combatting common problems associated with small packaged domestic treatment plants.

Made from durable MDPE, these tanks are the most stable and easy to install sewage treatment plants. They are easy to maintain and have very low operating costs making it ideal for a variety of domestic applications.



## KEY FEATURES

-  Super Quiet\*
-  Pollutant Removal Level of 96.2%
-  Durable & Stable MDPE Design
-  Odourless
-  Reliable Bio Media System
-  Low Maintenance Costs
-  Compact System
-  2-year Warranty\*\*
-  Small Low Profile Covers
-  Saves money due to low install and maintenance costs
-  Certified for use in the UK in compliance with EN12566-3

## PRODUCTS



CAP6



CAP9

## EXTERNAL BLOWER

The HydroClears and Continuous Aeration Plants come with an external blower for optimal performance. The blower is located in a weatherproof aboveground external housing.



\*When installed in accordance with manufacturers instructions

\*\* 2 year warranty only when product is registered on our website

## PRODUCT SPECIFICATIONS

Model	CAP6	CAP9	HC6	HC9	HC12	HC20	HC30 (2-tank System)	HC40 (2-tank System)	HC50 (3-tank System)
Population Served	1-6	6-9	1-6	7-9	7-12	13-20	21-30	31-40	41-50
Desludging Intervals (Months)	12*	12*	12*	12*	12*	6*	6*	6*	6*
Inlet Invert (mm)	650	550	500	500	1090	1090	1100	1100	1100
Outlet Invert (mm)	825	625	690	660	1140	1140	1150	1150	1150
Blower Ratings	40W	76W	76W	76W	105W	112W	149W	216W	240W
Length (mm)	1660	1840	2400	2900	4500	5680	1 - 4500 2 - 4500	1 - 5680 2 - 4500	1 - 5680 2 - 4500 3 - 3400
Width (mm)	1600	1840	1200	1620	1400	1400	1 - 1400 2 - 1400	1 - 1400 2 - 1400	1 - 1400 2 - 1400 3 - 1250
Height (mm)	2180	2180	2000	2000	2560	2560	1 - 2560 2 - 2560	1 - 2560 2 - 2560	1 - 2560 2 - 2560 3 - 2560
Weight (Kg)	275	350	330	430	550	700	1 - 450 2 - 630	1 - 450 2 - 790	1 - 490 2 - 780 3 - 320
Cover Sizes (mm)	450	450	600x450	600x450	450	450	450	450	450

Manhole riser kits available | Pumped outlets available | \*De-sludge interval depending on usage

## PUMP STATIONS

Harlequin range of Pump Stations are designed to transfer sewage, effluent or surface water to a local drain, private manhole or mains sewer where a gravity fall is not possible. They are best suited for use in a domestic setup and are available in Single or Twin options. They are used for sewage/effluent applications including post wastewater treatment systems, sewage directly from the home, and applications requiring a grinder pump.



450 litres



800 litres



1100 litres



1550 litres



3200 litres

### KEY FEATURES

- Suitable for domestic use
- 24-hours storage
- Durable & Stable MDPE Design
- Compact System
- Easy to Install
- Low Maintenance
- Market Leading DAB Pump
- Simple Pipework
- Flat base for stability

Model	Length (mm)	Width (mm)	Height (mm)	Capacity (Litres)	Weight (Kg)	Population Served
450 Litres	600	600	1700	455	45	Single Person Dwelling
800 Litres	1000	1000	1225	820	60	1-5
1100 Litres	1000	1000	1645	1140	72	1-7
1550 Litres	1200	1200	1075	1600	85	1-10
3200 Litres	1200	1200	2655	3300	140	Shared domestic or small commercial applications



Internal view of an 800 litre twin Pump Station

**Please Note:** Actual product colours may vary from colours shown. All information contained herein is understood to be correct at time of publication. Harlequin Manufacturing Ltd. reserve the right to amend product specifications without notice. Please check our website for the most up to date product information.