

# Harlequin® HydroStore

## RAINWATER HARVESTING

## Harlequin HD4400 HydroStore Home Harvest Direct

### Tank Dimensions:

- ◆ Tank 1:  
2300mm x 2300mm x 1250mm
- ◆ Tank 2:  
2300mm x 1150mm x 1250mm
- ◆ Standard Invert Level: 500mm\*
- ◆ Maximum Capacity: 4340L
- ◆ Net Weights:  
Tank 1 – 190kg Tank 2 – 110kg



*\*Invert level may be increased by use of risers to a maximum of 2m*

HydroStore “Home Harvest Direct” rainwater harvesting systems consist of the HydroStore tank and the “Backup in a Box” rainwater distribution system. This allows connection of the tank to a direct plumbing system to supply appliances such as toilets, washing machines and the garden.

### Standard Features:

- ◆ Moulded from durable medium density polyethylene material
- ◆ 110mm inlet, outlet and service connections
- ◆ Fully secured 450mm diameter pedestrian duty manhole cover
- ◆ Integrated filter with stainless steel mesh (size 0.7 x 1.7mm)
- ◆ Calmed inlet reduces turbulence to tank sediment, improving water quality
- ◆ Pressure sensitive submersible pump (turns off if no demand), complete with integral run dry protection
- ◆ Pump can deliver up to 3.5bar pressure, with a flow rate of 2500 litres per hour.  
Max head of 35m (nominal) and power rating of 800W
- ◆ U-bend type overflow also acts as a rodent trap
- ◆ Supplied with Rain Backup in a Box control unit.  
When rainwater in the tank runs out the Backup in a Box system will top up the tank to a minimum level with mains water ensuring no interruption in supply
- ◆ Supplied with a 25m coil of 25mm HDPE pipe and 1” pump connections
- ◆ Moulded-in lifting eyes for ease of handling
- ◆ PE tanks are lightweight, corrosion resistant and made from 100% recyclable material

### Issued By:

Harlequin Manufacturing Limited  
21 Clarehill Road, Moira, Co. Armagh, N.Ireland, BT67 0PB  
T: +44 (0)28 9261 1077  
W: [www.harlequin-mfg.com](http://www.harlequin-mfg.com)  
E: [info@harlequin-mfg.com](mailto:info@harlequin-mfg.com)