

1. **HydroForce Series 3 Pump:** Supplied with 25mm outlet connector, must be primed before use. See *comprehensive pump manual*.
2. **Tank:** Carat two piece tank. Must be assembled as per manufactures instructions.
3. **Black & Green HDPE Pipe:** Running from the pump to the property using 4-inch service duct.
4. **Overflow Pipe:** Making sure that there is sufficient fall to encourage flow to the soakaway.
5. **Basket Filter:** Must be fitted as per manufactures instructions.
6. **Outside Tap:** Must be plumbed directly from the pump.

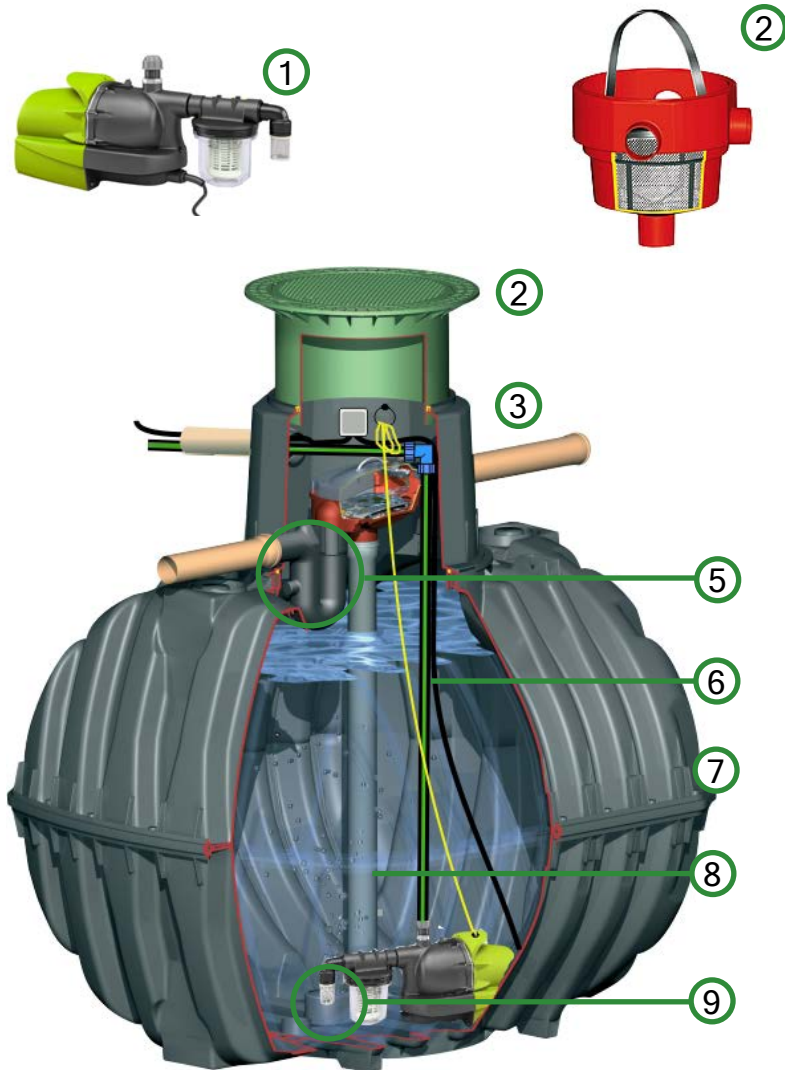


Uses For This System

- Garden Watering
- Horticultural sprinkling
- Vehicle Washing

System Components

1. HydroForce pump
2. Carat telescopic lid
3. Carat tank dome (turret)
4. Basket Filter
5. Overflow siphon
6. Green & Black HDPE pipe
7. Carat tank (2 pieces)
8. Tank pipe
9. Calmed inlet
 - » Slip couplers
 - » Comprehensive user guide and installer manual
 - » Carat dome sealing kit
 - » Carat accessory pack



Filtration system in image is NOT supplied. Basket filter(2) is used

Important Notes on Installation

The Rainwater Harvesting Garden system comprises of a filter, black/green rainwater pipe, an underground storage tank and a pump.

Rainwater runs down the roof and into the guttering and downpipes in the normal way before passing through the filter, which removes any leaves or debris. Rainwater is stored in the underground tank from which it is pumped at a constant pressure to a garden sprinkler or hose as required.

Tank

- **Make sure your underground tank is kept clean and free of debris.**
- Do not use the pump supplied to empty a dirty underground tank.
- Do not use gullies or P Traps.

Pump

- Pump priming: It is **essential** that the pump is primed before use. See pump installation manual supplied with the pump.
- Connect the outlet connection using rainwater marked pipe of diameter between 25mm or 32mm.
- The vertical rainwater pipe should be the right length so that a 90° elbow (supplied) in the turret is at the level of the 4 inch service pipe in which the rainwater pipe is fed to the building.
- It is recommended to place an electrical connection into the highest point of the turret for easy quick maintenance, IP66 rated or better connection box or socket must be used, not supplied.

For further instruction on priming and installation of the pump and how it functions please see the manual provided.

- Easy to install.
- Inexpensive.
- Simple on/off operation.
- Suitable for existing and new homes.
- Automatic rainwater diversion when tank reaches full capacity.
- Any exposed pipework will require lagging to eliminate freezing.
- All rainwater labels must be fitted to all irrigation components. ie. Taps and Sprinkler systems.