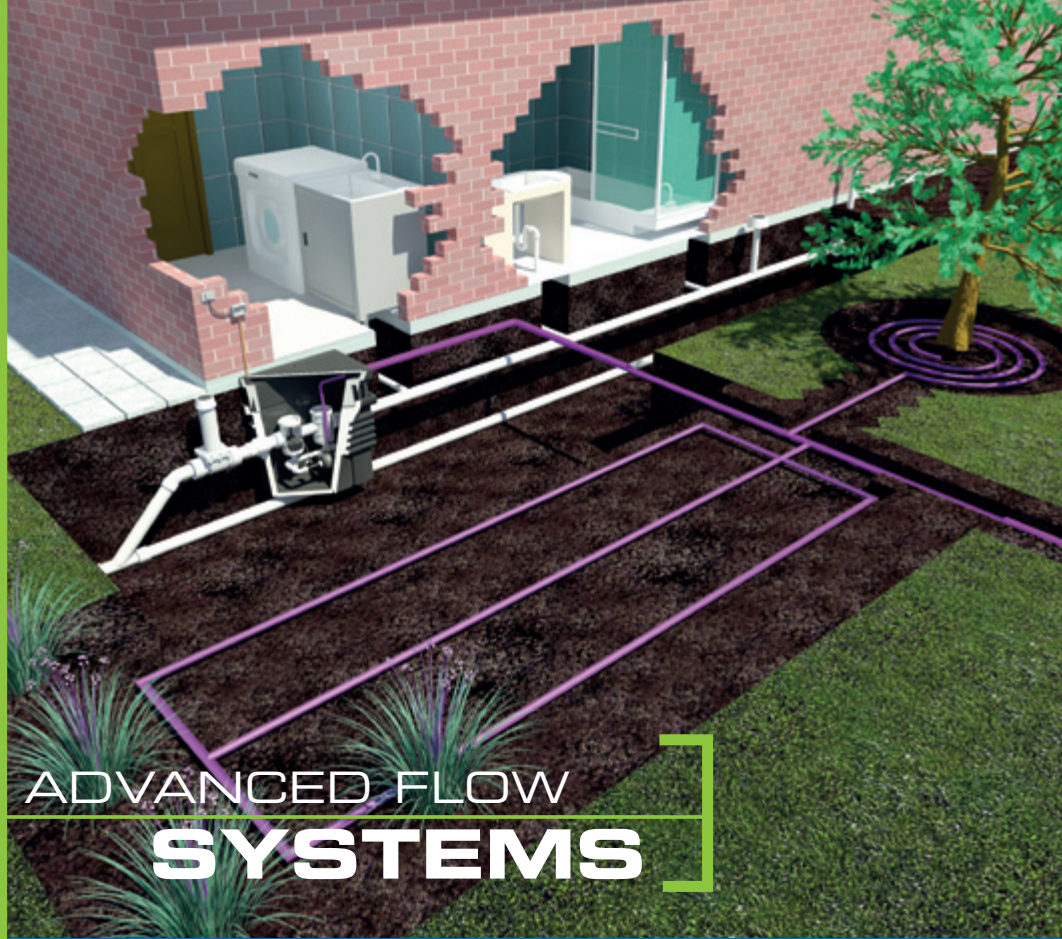




Offers a clean, healthy and reliable method for reusing grey water in gardens



ADVANCED FLOW SYSTEMS

While fresh water is quickly becoming a scarce, precious and increasingly expensive commodity, grey and recycled waters are resources that are fast becoming very popular options for reuse in gardens.

Grey-Flow™ is a true grey water diversion device that does not store greywater at any time.

Whilst showering or washing clothes, the grey water is directly diverted to your garden with no intermediate storage tank. This unique patented design reduces: health risks, mosquito and bacteria breeding as well as maintenance of the system. Grey-Flow™ has also been selected by plumbers all around the world for its easy installation.

Although Grey-Flow™ is ideally suited to new homes where the plumbing is designed to cater for grey water reuse, the system can sometimes be installed in existing properties where changes to the plumbing configuration can easily be performed (get informed advice from your plumber or plumbing supplier).



System 001

Advantages:

- Below ground interception
- Patented Real-Time Diversion Technology
- No holding tank
- No storage of untreated water
- Low maintenance
- No sludge accumulation
- Up to 6 watering zones
- Upgrades available: Self-cleaning option, larger pump



Grey Water Diversion System:



ADVANCED FLOW SYSTEMS

GREYFLOW™ System 001

GREYFLOW™ System Components

1. Reception unit, overflow valve and reflux valve
(Requires installation by a registered plumber)
2. Underground pump pit with lid, pump and controller
(Pump requires 240v power source)
3. 100m sub-strata purple hose with fittings and signage
(Available from your local supplier)



Diversion System:

1. Minimum garden area as per table.
2. Maximum distance from the pit to the garden 50 metres.
3. Mulch thickness over dripline should be kept at 100 mm.
4. Check local Municipal & council laws and regulations.

GREYFLOW™ Selection Guide

Diese Tabelle gibt eine Schätzung der möglichen Wassereinsparungen, minimale Gartenfläche für eine Tropfbewässerung und die benötigten Abstände zwischen den Tropfleitungen.

Residences

Garden Area SQM	1	2	3	4	5	6	7	8
5 to 10	1 station system	Garden too small	Garden too small	Garden too small	Garden too small	Garden too small	Garden too small	Garden too small
10 to 15	1 station system	1 station system	Garden too small	Garden too small	Garden too small	Garden too small	Garden too small	Garden too small
15 to 30	1 station system	1 station system	1 station system	Garden too small	Garden too small	Garden too small	Garden too small	Garden too small
30 to 45	1 station system	1 station system	1 station system	2 station system	2 station system	2 station system	Garden too small	Garden too small
45 to 60	1 station system	1 station system	1 station system	1 station system	1 station system	2 station system	2 station system	2 station system
60 to 75	Max area 60 sqm	1 station system	2 station system	2 station system	2 station system	2 station system	3 station system	3 station system
75 to 90		1 station system	2 station system	2 station system	2 station system	2 station system	2 station system	1-2 station system
90 to 105		2 station system	2 station system	2 station system	2 station system	2 station system	2 station system	2 station system
105 to 120		2 station system	2 station system	2 station system	2 station system	2 station system	2 station system	2 station system
120 to 150		Max area 120 sqm	2 station system	2 station system	3 station system	3 station system	3 station system	3 station system
150 to 180			2 station system	2 station system	2 station system	3 station system	3 station system	3 station system
180 to 210			Max area 180 sqm	3 station system	3 station system	3 station system	4 station system	4 station system
210 to 240				3 station system	3 station system	3 station system	3 station system	4 station system
240 to 300				Max area 240 sqm	4 station system	4 station system	4 station system	4 station system
300 to 360					Max area 300 sqm	4 station system	4 station system	4 station system
360 to 420						Max area 360 sqm	6 station system	6 station system
420 to 480							Max area 420 sqm	6 station system
> 480								Max area 480 sqm

Garden Area SQM

- Not recommended - too large a garden for the amount of grey water generated
- Drought tolerant plants (up to 90 sqm per station)
- Mixed Planting (up to 60 sqm per station)
- Sandy soils only with reduced grey water (up to 30sqm per station)*
- Not allowed on any soils
- more than 60 sqm per person for an application rate of less than 1.7 mm/day
- 30 to 60 sqm per person for an application rate of 1.7 to 3.3 mm/day
- 10 to 30 sqm per person for an application rate of 3.3 to 10 mm/day
- 5 to 10 sqm per person for an application rate of 5 to 10 mm/day
- Less than 10 sqm per person for an application rate of more than 10 mm/day

This table is based on average daily grey water creation of 100 litres per person and GREY-FLOW™ drip lines at 100m from the unit.



ADVANCED FLOW
SYSTEMS

HULIOT A.C.S Ltd.
Kibbutz Sde-Nehemia
Upper-Galile, 12145, ISRAEL
Tel: +972- 4-6946011, Fax: +972-4-6951444
E-mail: info@huliot.com www.huliot.com