



The solution for water shortages

CGW SERIES PRE-INSTALLATION ROUGH-IN SPECIFICATIONS

Greywater Recycling

The BRAC CGW Commercial Grey Water Recycling Systems are designed so that the filter housings and holding tanks are installed underground. The main holding tanks should not be placed more than eight feet underground with no more than three feet of backfill over top. The Overall dimensions of the pit will vary depending on the model number selected. Refer to the chart below for the individual space requirements.

Power Requirements:

North America

- 1- 460 volt, 3 phase, 10-amp connection to the main breaker.
- 1- 110 volt, 1 phase, 15-amp connection to the AC power inlet.

Europe

- 1- 230 volt, 3 phase, 10-amp connection to the main breaker.
- 1- 230 volt, 1 phase, 15-amp connection to the AC power inlet.

Plumbing Requirements:

- 4" drain line from greywater source terminating at a shut-off valve.
- 4" greywater by-pass line connected to the overflow.
- 4" Overflow connection to the sewer.
- 2" Potable water supply with a cross-connection control device.
- 2" potable water by-pass equipped with a shut-off valve.
- 2" greywater supply line to fixtures being served.

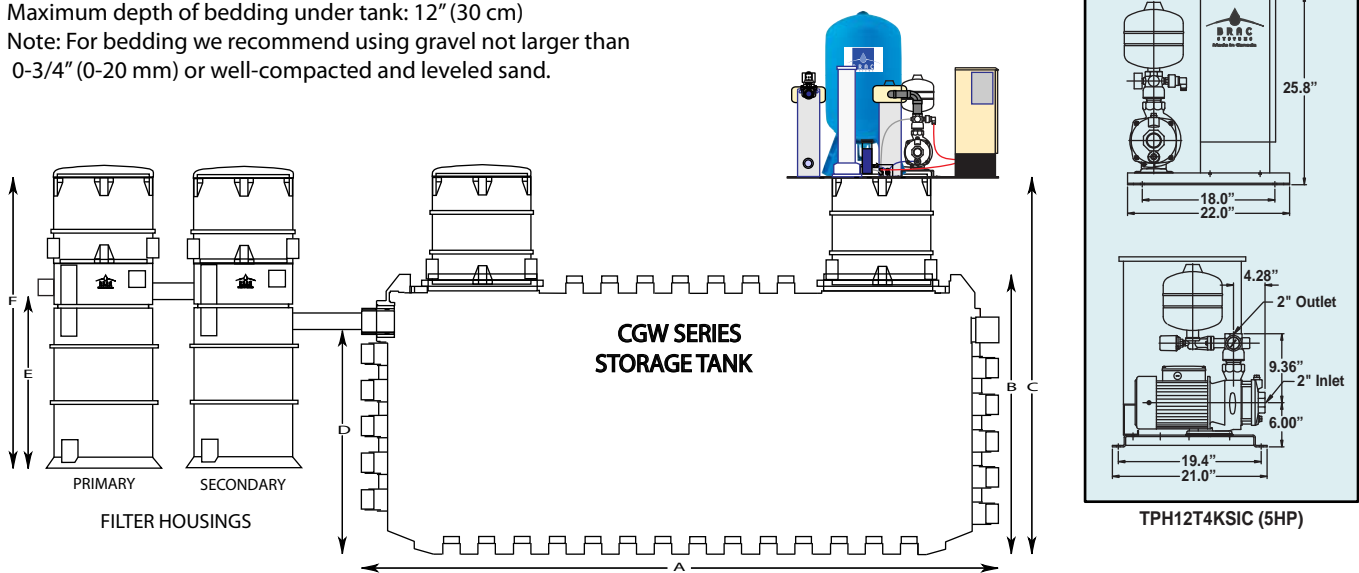
Special Requirements:

Maximum depth of backfill over the holding tank: 36" (90 cm)

Side clearance to the holding tank: 24" (60 cm)

Maximum depth of bedding under tank: 12" (30 cm)

Note: For bedding we recommend using gravel not larger than 0-3/4" (0-20 mm) or well-compacted and leveled sand.



NOTE: The vent and bypass pipes have been omitted for clarity.

Model	Capacity		Dimensions (inches)						Total Weight		Space Requirements (feet)			Inlet Pipe	Over-Flow Pipe	Pump Inlet/Outlet
	Litres	Gallons	A	B	C	D	E	F	kgs.	lbs.	Length	Width	Depth			
CGW-3400	3400	898	121.5	53.25	77.25	41.5	42	70.75	250	550	20.25	8	6	4"	4"	2"
CGW-4200	4200	1108	148.8	52.4	76.4	41.5	42	70.75	323	710	21.25	8	6	4"	4"	2"
CGW-5000	5000	1320	125	68.12	92.13	56.25	42	70.75	341	750	23	8	7.25	4"	4"	2"
CGW-6600	6600	1742	155	67.75	91.75	56	42	70.75	361	795	26.25	8.2	7.25	4"	4"	2"
CGW-13200	13200	3484	155	67.75	91.75	56	42	70.75	724	1590	26.25	16.4	7.25	4"	4"	2"
CGW-19800	19800	5226	155	67.75	91.75	56	42	70.75	1084	2385	26.25	24.6	7.25	4"	4"	2"

* The CGW model numbers 13200 and 19800 use 2 and 3 - 6600 litre main holding tanks connected together.