



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- 230, 380 or 460 volts, 3 phase, amperage as defined in specific system's installation guide.

1- 110 volt, 1 phase, 60Hz, AC, 15-amp circuit.

Europe

1- 230, 380 or 460 volts, 3 phase, amperage as defined in specific system's installation guide.

1- 220 volt, 1 phase, 50 or 60Hz, AC, 15-amp circuit.

#### 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.

#### Plumbing Requirements:

4" drain line from greywater source terminating at a shut-off valve.

4" greywater bypass line connected to a 4" overflow pipe.

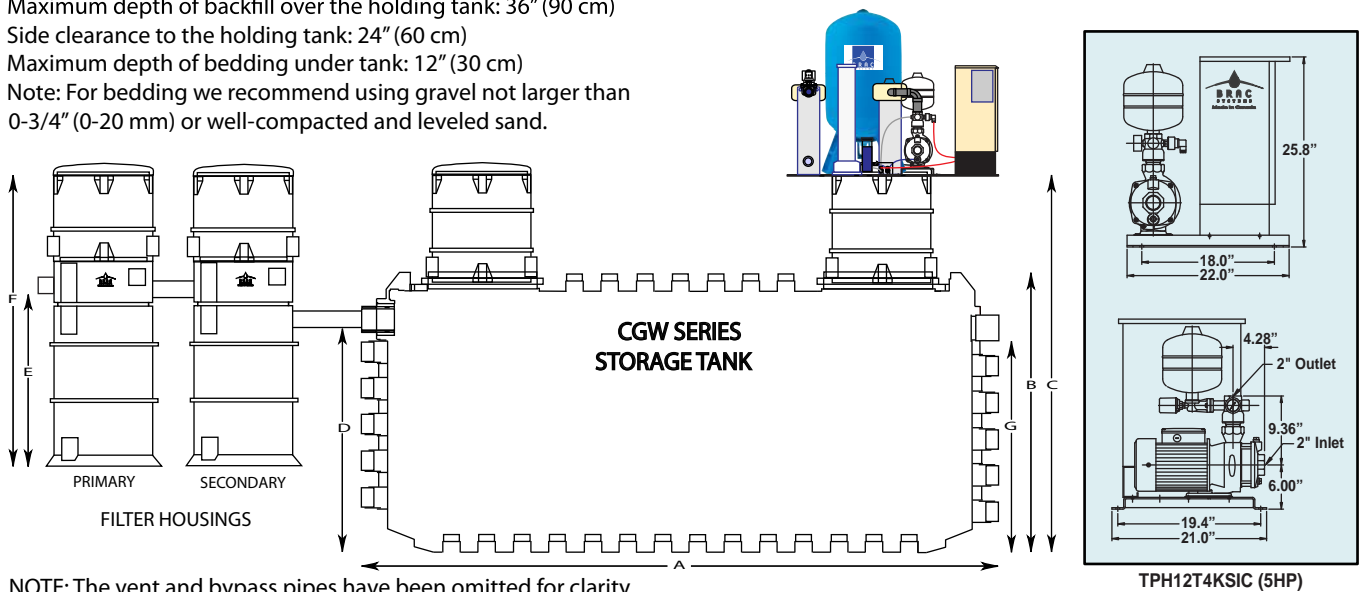
4" overflow pipe connected to a 4" sewer pipe.

2" potable water supply protected by a cross-connection device.

2" potable water bypass equipped with a shut-off valve.

2" greywater supply line to fixtures being served.

**NOTE:** The CGW-13200 is equipped with a 10hp pump with a 3" diameter outlet size. The CGW-19800 has a 15hp pump with a 4" diameter outlet size. See chart below.



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	G	kgs.	lbs.	Length	Width	Depth			
CGW-3400	3400	898	121.5	53.25	77.25	41.5	42	70.75	38.5	250	550	20.25	8	6	4"	4"	2"
CGW-4200	4200	1108	148.8	52.4	76.4	41.5	42	70.75	38.5	323	710	21.25	8	6	4"	4"	2"
CGW-5000	5000	1320	125	68.12	92.13	56.25	42	70.75	52.3	341	750	23	8	7.25	4"	4"	2"
CGW-6600	6600	1742	155	67.75	91.75	56	42	70.75	53	361	795	26.25	8.2	7.25	4"	4"	2"
CGW-13200	13200	3484	155	67.75	91.75	56	42	70.75	53	724	1590	26.25	16.4	7.25	4"	4"	3"
CGW-19800	19800	5226	155	67.75	91.75	56	42	70.75	53	1084	2385	26.25	24.6	7.25	4"	4"	4"

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