

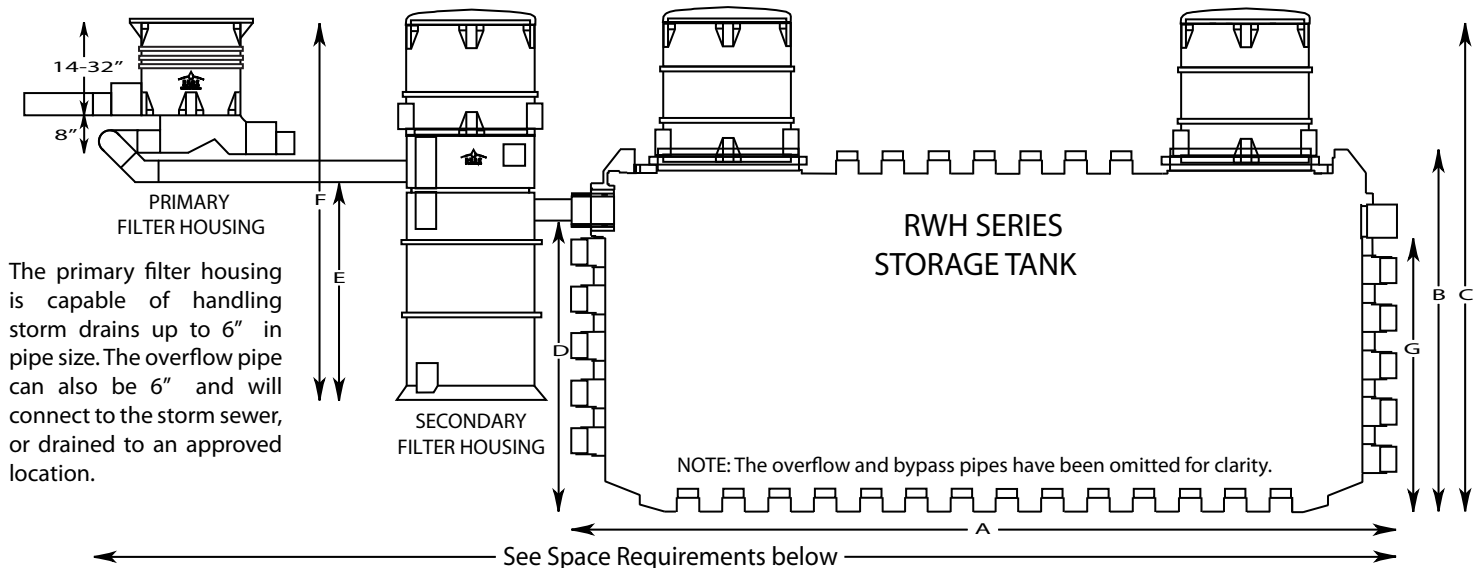


RAINWATER HARVESTING

RWH SERIES PRE-INSTALLATION SPECIFICATIONS

The RHW Series Rainwater Harvesting Systems are designed so that the filter housings and storage tank are installed underground. The space requirements that are provided are for a general inline configuration and reflect the minimum measurements required for such an installation. If configurations different from the one shown are necessary, the minimum space requirements need to be calculated and provided for. The main holding tank 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 selected. Refer to the chart below for individual space requirements.

The 32" x 32" pump base assembly (not shown) is a durable plastic pallet that contains the remaining components of the system. They are, the main pump, chlorinator, chlorinator pump, electronic controller, and motorized valves. This pallet can be installed in an indoor location such as a mechanical room, or outdoors close to the storage tank, in a 'hot box' type structure. Provisions to protect from frost must be taken.



The primary filter housing is capable of handling storm drains up to 6" in pipe size. The overflow pipe can also be 6" and will connect to the storm sewer, or drained to an approved location.

Power Requirements:

- North America
- 1 - 230, 380, 460 volts, 1 phase (3 phase optional) amperage as defined in specific system's installation guide.
- 1 - 110 volt 1 phase, 60Hz, 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 on top off storage tank: 36" (90 cm)
- Maximum depth of bedding under storage tank: 12" (30 cm)
- Note: for bedding material we recommend using gravel not larger than 0-3/4" (0-20 mm) or well-compacted and leveled sand.
- 1" electrical conduit required from tank to pump base location.
- 4"- 6" storm pipe connection at primary filter housing.

Model	Capacity		Tank Dimensions (inches)								Tank Weight		Space Requirements (feet)			Inlet/Outlet Size	Pump Inlet/Outlet
	Litres	Gallons	A	B	C	D	E	F	G	Width	kgs.	lbs.	Length	Width	Depth		
RWH-3400	3400	898	121.5	53.25	77.25	41.5	42	70.75	38.5	49.25	160	350	16.75	7	6	4"	2"
RWH-4200	4200	1108	148.8	52.4	76.4	41.5	42	70.75	38.5	49.3	230	510	19	7	6	4"	2"
RWH-5000	5000	1320	125	68.12	92.13	56.25	42	70.75	52.25	49.25	250	550	17	7	7.25	4"	2"
RWH-6600	6600	1742	155	67.75	91.75	56	42	70.75	53	52.38	270	595	19.5	7	7.25	4"	2"

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