



Data Sheet: SGW Series System

Semi-Commercial Greywater Recycling System

The SGW series Semi-Commercial Greywater Recycling System was designed and developed to fill the void between the residential greywater and commercial greywater systems. The SGW series is in fact, a combination of both the RGW and CGW Series utilizing the portability of a residential system combined with the pumping power of a commercial system.

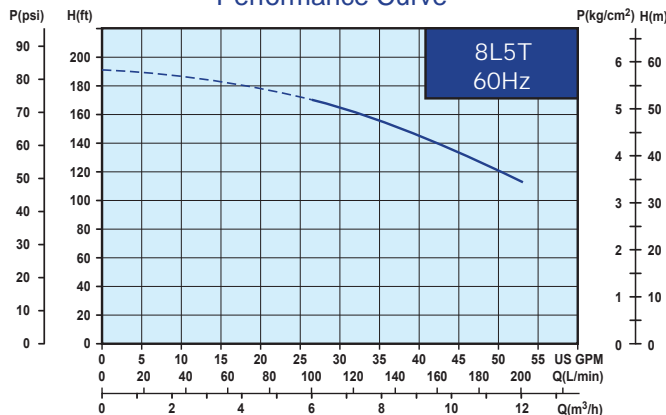


The SGW series system starts as a combined 500 litre (132 USG) Primary holding tank, four cartridge filtration system, controlled chlorination system and 2hp pump station built on a durable aluminium support assigned as the SGW-500. The versatile SGW series can be adapted by the addition of secondary 500 litre (132 USG) holding tanks also on durable aluminium supports that gives the SGW series increased greywater storage capacity.

- SGW-500: 500 litre (132 USG) Primary single holding tank unit.
- SGW-1000: 1000 litre (264 USG) Primary unit plus one additional secondary holding tank.
- SGW-1500: 1500 litre (396 USG) Primary unit plus two additional secondary holding tanks.
- SGW-2000: 2000 litre (528 USG) Primary unit plus three additional secondary holding tanks.

The SGW series systems include a 3hp constant pressure inverter controller and 2hp centrifugal pump capable of 30 GPM at 72 psi as standard.

Performance Curve



SGW Series Includes:

- 2hp 72 psi Pump
- Cartridge filtration system
- Controlled chlorination
- BCC-100 Electronic controller
- Extra cartridge filters
- Durable aluminium support
- WYE strainer

Applications:

- Motels
- Hotels
- Office buildings
- Community Centers
- Homeless shelters
- Libraries
- Apartment buildings

Pump Specifications

Model	Controller (HP)	Pump (HP)	Cycle (Hz)	Phase (Φ)	Voltage (V)	Inlet Outlet	Pre-Set (PSI)	H Max (ft)	Q Max (GPM)
8L5T	3	2	50/60	1/3	230/460	2"	72	160	30

SGW Dimensions & Connections

Storage Tanks	Capacity (L / US Gal)	Tank Diameter (Inch)	Height (Inch)	Weight (lbs)	Base Size (Inch)	Greywater Inlet (Inch)	Greywater Outlet (Inch)	Freshwater Inlet (Inch)	Overflow (Inch)	Drain (Inch)	Vent (inch)
Primary	500 / 132	30"	61"	250	31.5 x 48	3"	2"	3/4" MPT	3"	2"	3"
Secondary	500 / 132	30"	46"	150	31.5 x 33.5	N/A	N/A	N/A	3"	2"	3"

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