

Gray Water Pumps

Saniswift



The Saniswift is a gray water pump that is ideally suitable for use in a basement apartment or anywhere in the house where additional fixtures are most wanted. It will pump the waste water away from a variety of sources such as: a kitchen sink, laundry sink, washing machine (indirect connection), dishwasher, bar sink, etc.

The Saniswift's modern style prevails over other bulky relics. This system offers powerful and economical pumping action in a compact, contemporary design. With unprecedented performance and features, this pump is unmatched in its class.

The inside of the Saniswift comprises of a pressure switch and circuit board assembly, which starts and stops the unit, and the motor, which drives the pump.

When the water enters the Saniswift, it activates a pressure switch which in turn starts the motor. The motor is sealed for life in an oil filled enclosure. A spindle/shaft drives the impeller and therefore the moving parts are kept to an absolute minimum.

The unit pumps the effluent upward to 14 feet and/or 140 feet horizontally (with gravity fall). Once the water is discharged and the water level in the container goes down, the pressure switch deactivates the unit until water enters the unit again. A normal operating cycle for the Saniswift can be as short as 2 - 10 seconds depending upon the discharge pipe run configuration; power consumption is therefore minimal.

In addition to a sink, the Saniswift will also accept and discharge the waste water from a variety of other sanitary fixtures such as: a kitchen sink, shower, urinal and washing machine (through a laundry sink or similar). When adding a shower, a base will have to be constructed. This base should be made out of a 2" x 6" (minimum) or 2" x 8" (recommended) on edge, to allow for the installation of a P-trap and the required 1/4" per foot gravity flow towards the pump unit.

The waste water from other sanitary fixtures is discharged into the Saniswift via two 1-1/2 inch inlets, on either side of the housing and an additional inlet on the top of the unit. A non-return valve, which comes already assembled on the discharge rubber connector, prevents back flow into the unit.

This unit has been designed with a vent connection on top of the unit. All plumbing codes require connection to a vent system. Please note that the vent system should be a two-way air vent system. The use of mechanical vents, air admittance valves or similar devices is not permitted as these are considered one-way air vent systems.

It is also highly recommended for the gray water pump to be connected to a Ground Fault Interrupter (GFI) circuit.

The Saniswift is a compact unit with attractive rounded contours that fits neatly into tight spaces for any residential applications.

The Saniswift has been certified to American and Canadian Standards. **US:** Electrical standard UL 788 which is included under the ASME 112.3.4 American standard. **CA:** Electrical standard CSA C22.2 which is included under the CSA B45.9-02 Canadian standard.

The Saniswift comes with the pump case only.

Specifications:

Dimensions:	Including Pump Only H 8-3/4" x W 9" x D 10-1/4" H 22cm x W 23cm x D 26cm
Motor:	Induction Motor (no carbon brushes or gears), tested over 50,000 cycles. 3600 rpm.
Electrical supply:	110-115V; 60Hz; Max Amperage: 4.5 amps; 0.3 HP
Discharge:	Pumps vertically to 14 ft (4.3 m) Horizontally to 140 ft (43m)
Gravity Fall on Horizontal installations:	1/4" per Ft
Discharge Pipe Diameter:	1"
Construction Materials:	Polypropylene, C.R.P., stainless steel, Neoprene Max. temp. 140°F (60°C)
Normal Running Time:	2-10 seconds subject to installation pipe run
Discharge Rate:	Discharge Rate at 14 Ft – 18 gal/min (70 l/m) Discharge Rate at 3 Ft - 24 gal/min (89 l/m)
Designed to function with:	Shower, Laundry Sink, Washing Machine (indirect)

