

TECHNICAL SPECIFICATIONS

CONNECTIONS



TOILET



BATHTUB



DISHWASHER



SINK



SHOWER



BAR SINK



LAUNDRY SINK



WASHING MACHINE

APPLICATIONS



COMMERCIAL



PUMPING DISTANCE

36 Ft



328 Ft



Sanicubic[®] 2 Grinder

INSTALLATION ABOVE GROUND



Example of installation. Follow local plumbing codes for actual install.

INSTALLATION BELOW THE GROUND



Example of installation. Follow local plumbing codes for actual install.

The **Sanicubic 2** is a **1 HP heavy duty duplex grinder system** used to pump away wastewater from several bathrooms and fixtures from an entire building structure. This system is able to discharge the waste up to **36 feet vertical and/or 328 feet horizontal**.

It incorporates a **grinder system** which is ideal for uncontrolled environments in both residential and commercial applications (ie. rental unit, offices, warehouses, etc). The Sanicubic 2 is designed **to handle sanitary products** that may have been flushed down the toilet; such may consist of condoms, sanitary napkins, q-tips, dental floss, etc.

- **Discharges the waste through a 1-1/2" rigid pipe.** A couple of non-return valves are included on the internal discharge pipe connection of this system.
- Has been designed with a **1-1/2" vent connection** on top of the enclosure. All plumbing codes require connection to a vent system. Please note that the vent system should be a two-way air vent as air needs to freely flow both ways. Note: The use of mechanical vents, air admittance valves or similar devices is not permitted.
- **The Sanicubic 2 is IP68 rated** for possible submergence which eliminates any potential water damage to internal components. It comes equipped with an external control panel as well as a visual and audible alarm system (15 Ft long wire).
- The pump discharges wastewater from **several toilets, sinks, bath/showers, urinals and even washing machines**. The wastewater from other sanitary fixtures is drained into the Sanicubic 2 **via five 1-1/2" or 4" inlets** on either side of the housing and on top of the enclosure. Note that when draining wastewater into the pump through either of the side inlets, an external check valve (not supplied) has to be installed. Also, note that there should be a minimum 10" height difference between the base of the Sanicubic 2 to the bottom of the shower/bathtub drain or to the base of the toilet.

DUPLEX GRINDING SYSTEM CAPABLE OF DISCHARGING WASTEWATER FROM MULTIPLE FIXTURES FROM ENTIRE BUILDING STRUCTURES

Two powerful 1 HP motors for absolute reliability and efficiency. New grinding technology eliminates clogging issues found on sewage ejector stations as **it can handle feminine hygiene products**.

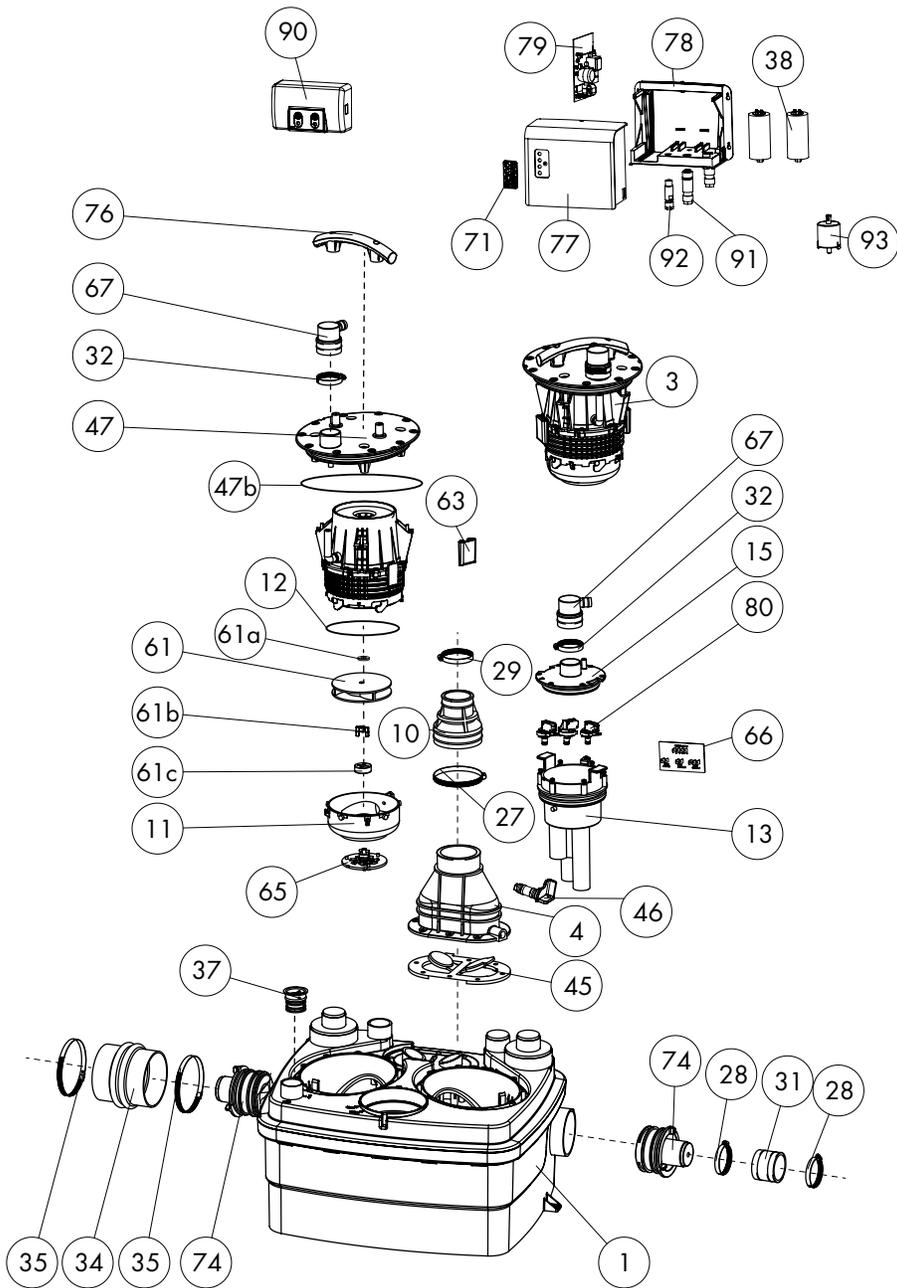
Smart-pump technology allows both pumps to work simultaneously if the incoming rate is higher than the discharge rate of the single pump. The **discharge rate increases roughly 80%** until the condition is alleviated.

The system is capable of handling **multiple fixtures at the same time** as it can handle up to **90 gallons per minute. (both motors operating)**

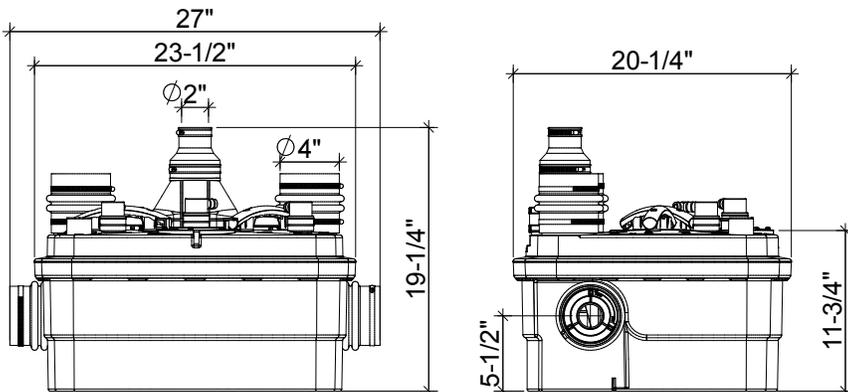


TECHNICAL SPECIFICATIONS

PLEASE CALL US TOLL-FREE AT
800-571-8191 (US) / 800-363-5874 (CDN)
 TO PURCHASE PARTS REFERENCED BELOW



DIMENSIONAL DRAWINGS



Make the impossible possible with Saniflo!

TECHNICAL SPECIFICATIONS

Pump type:

Grinder

Electrical:

220-240 V (208V min) - 60 Hz / 13 Amps (Max)

Motor:

2 x 1 HP oil-filled thermally protected motor

Capacitor rating:

2 x 30 microfarad

Operating Temperature:

158°F

Power cord length:

72 inches

Noise level:

≤ 68 dBA (Lp) (measured at 3 ft.)

Discharge pipe diameter:

1-1/2"

Discharge rate at 36 ft:

38 GPM (Both motors in operation)

Discharge rate at 3 ft:

90 GPM (Both motors in operation)

Shut-off head:

45 ft.

Normal running time:

Depends on number of fixtures

Capacity:

12.4 gallons / 47 liters

Inlets:

1-1/2" or 4" (side), 1-1/2" or 4" (top)

Method of activation:

Pressure switch, Circuit board

Shower/bathtub base height:

10" min

Weight:

77 lbs / 35 kg

Certifying agencies:

CSA (IPC, NSPC), IAPMO (UPC)

Recommended accessories:

Descaler

Connections:

Toilet, sink, shower/bathtub,
 washing machines (direct connection), etc.

