

Sanicubic® 1 GRINDER LIFT STATION - PART N° 089



CONNECTIONS

- Discharge: 1-1/2"
- Inlet: Four 1-1/2" or 4"
- Vent: 1-1/2"

Wastewater (Residential, Commercial Applications)

The Sanicubic 1 is a 1 HP heavy duty simplex 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 1 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.

PRODUCT FEATURES

PERFORMANCE

- Maximum pumping height: 36 Ft (45 Ft Shut-off)
- Maximum flow rate: 50 GPM

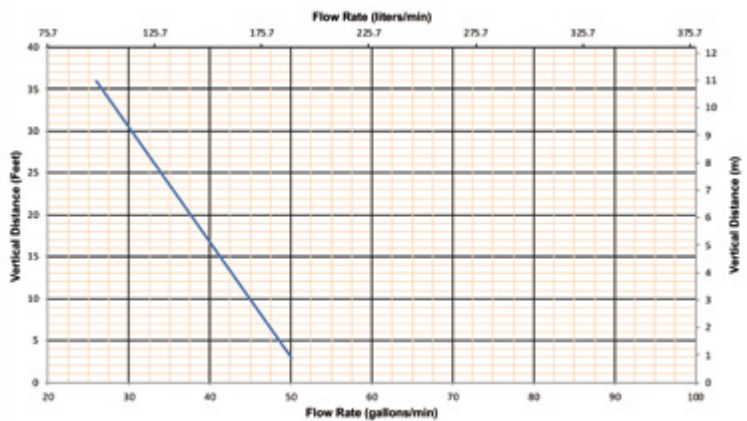
ADVANTAGES

- Installed directly on the ground.
- Easy access for maintenance.
- Four inlets, two of which are low (1-1/2" and 4").
- System activates with a fail-proof air pressure switch system with triple redundancy.
- Stainless steel grinder.
- Integrated control panel with manual override.
- Rated IP68 with external control box and alarm standard.



Installation above ground

PUMP CURVE



STANDARD ACCESSORIES

Control box



Wired alarm unit



OPTIONAL

Descaler (Part N° 052) See page 28





Installation below the ground

TECHNICAL SPECIFICATIONS

Pump type:

Grinder

Electrical:

120 V - 60 Hz / 4.5 Amps (Max) - 220 240 V - 60 Hz (Part# 069)

Motor:

1 HP oil-filled thermally protected motor

Capacitor rating:

60 microfarad

Operating Temperature:

158°F

Power cord length:

80 inches

Noise level:

≤ 68 dBA (Lp) (measured at 3 ft.)

Discharge pipe diameter:

1-1/2"

Discharge rate at 36 ft:

26 GPM

Discharge rate at 3 ft:

50 GPM

Shut-off head:

45 ft.

Normal running time:

Depends on number of fixtures

Capacity:

8.5 gallons / 32.2 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:

50 lbs / 22.7 kg

Certifying agencies:

CSA (IPC, NSPC), IAPMO (UPC)

Recommended accessories:

Descaler

Connections:

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

DIMENSIONAL DRAWINGS

