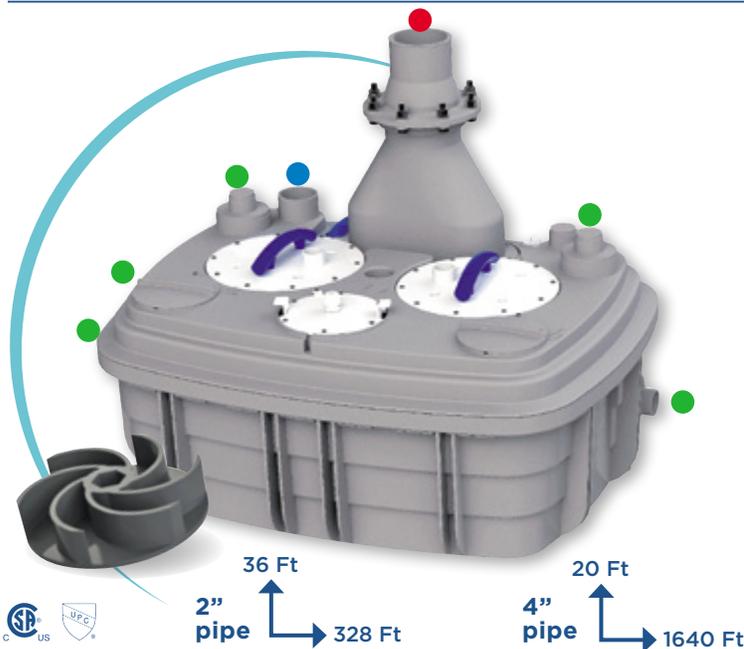


# Sanicubic® 2VX VORTEX LIFT STATION - PART N° 099



## CONNECTIONS

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

### Wastewater (Commercial, Industrial Applications)

The Sanicubic 2 VX is a heavy duty duplex vortex 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 using 2" pipe or up to 20 feet vertical and/or 1640 feet horizontal using a 4" pipe.

This lift station is ideal for uncontrolled environments in both residential and commercial applications (ie. rental unit, offices, warehouses, etc). The Sanicubic 2VX incorporates a couple of vortex impellers capable of handling up to 2" solids.

## PRODUCT FEATURES

### PERFORMANCE

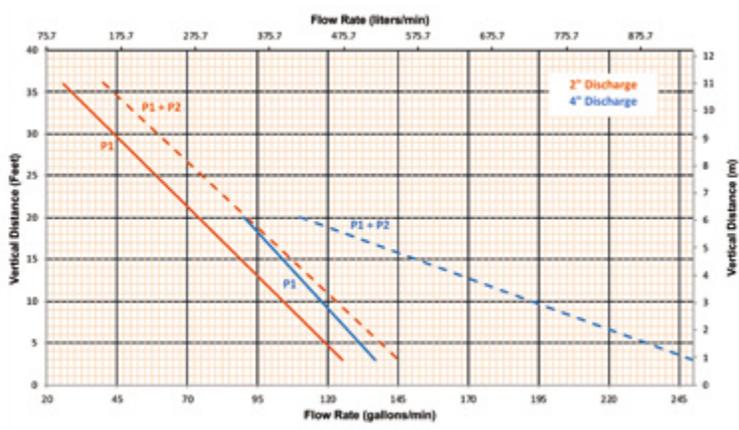
- Maximum pumping height: 36 Ft (2"), 20 Ft (4") - (43 Ft Shut-off).
- Maximum flow rate: 145 GPM (2"), 250 GPM (4") Both motors in operation.

### ADVANTAGES

- Installed directly on the ground.
- Easy access for maintenance
- Five inlets, two of which are low (1-1/2", 4")
- System activates with a fail-proof air pressure switch system with triple redundancy.
- Two vortex impellers.
- Motors operating alternately.
- Rated IP68 with external control box and alarm standard.



## PUMP CURVE



## STANDARD ACCESSORIES

### Control box



### Wired alarm unit



## OPTIONAL

**Descaler** (Part N° 052) See page 28





## TECHNICAL SPECIFICATIONS

**Pump type:**

Vortex

**Electrical:**

220-240 V (208V min) - 60 Hz / 12 Amps (Max)

**Motor:**

2 x 1.5 HP oil-filled thermally protected motor

**Capacitor rating:**

2 x 30 microfarad

**Operating Temperature:**

158°F

**Power cord length:**

98 inches

**Noise level:**

≤ 70 dBA (Lp) (measured at 3 ft.)

**Discharge pipe diameter:**

2" or 4"

**Discharge rate at 36 ft (2"):**

40 GPM (Both motors in operation)

**Discharge rate at 3 ft (2"):**

145 GPM (Both motors in operation)

**Discharge rate at 20 ft (4"):**

110 GPM (Both motors in operation)

**Discharge rate at 3 ft (4"):**

250 GPM (Both motors in operation)

**Shut-off head:**

43 ft.

**Normal running time:**

Depends on number of fixtures

**Inlets:**

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

**Method of activation:**

Pressure switch/circuit board

**Weight:**

223 lbs / 101.2 kg

**Certifying agencies:**

CSA (IPC, NSPC), IAPMO (UPC)

**Recommended accessories:**

Descaler

**Connections:**

Toilets, tubs and showers, sinks, washing machines (direct connection), dishwashers, etc.

## DIMENSIONAL DRAWINGS

