

## CONNECTIONS



TOILET



BATHTUB



DISHWASHER



SINK



SHOWER



BAR SINK



LAUNDRY SINK

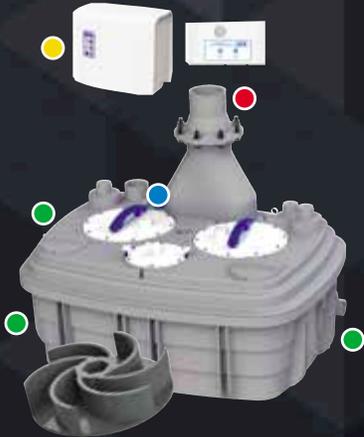


WASHING MACHINE

## APPLICATIONS



COMMERCIAL



## PUMPING DISTANCE

2" Pipe 36 Ft



4" Pipe 20 Ft



# SANICUBIC<sup>®</sup> 2 VX Vortex



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

The **Sanicubic 2 VX** is a **1.5 HP heavy duty duplex vortex system** used to pump away waste water 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.

- **Discharges the waste through either a 2" or 4" rigid pipe.** A couple of non-return valves are included on the internal discharge pipe connection of this system.
- Has been designed with a **2-1/2" 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 2VX 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 2VX **via five 1-1/2" or 4" inlets** on either side of the housing and on top of the enclosure. Note that when draining waste water 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 12" height difference between the base of the Sanicubic 2 to the bottom of the shower/bathtub drain or to the base of the toilet.



### PRE-ASSEMBLED VORTEX SYSTEM CAPABLE OF DISCHARGING WASTEWATER FROM MULTIPLE FIXTURES

**Two powerful 1.5 HP motors** for absolute reliability and efficiency. New vortex technology eliminates clogging issues found on sewage ejector stations as **it can handle feminine hygiene products**.

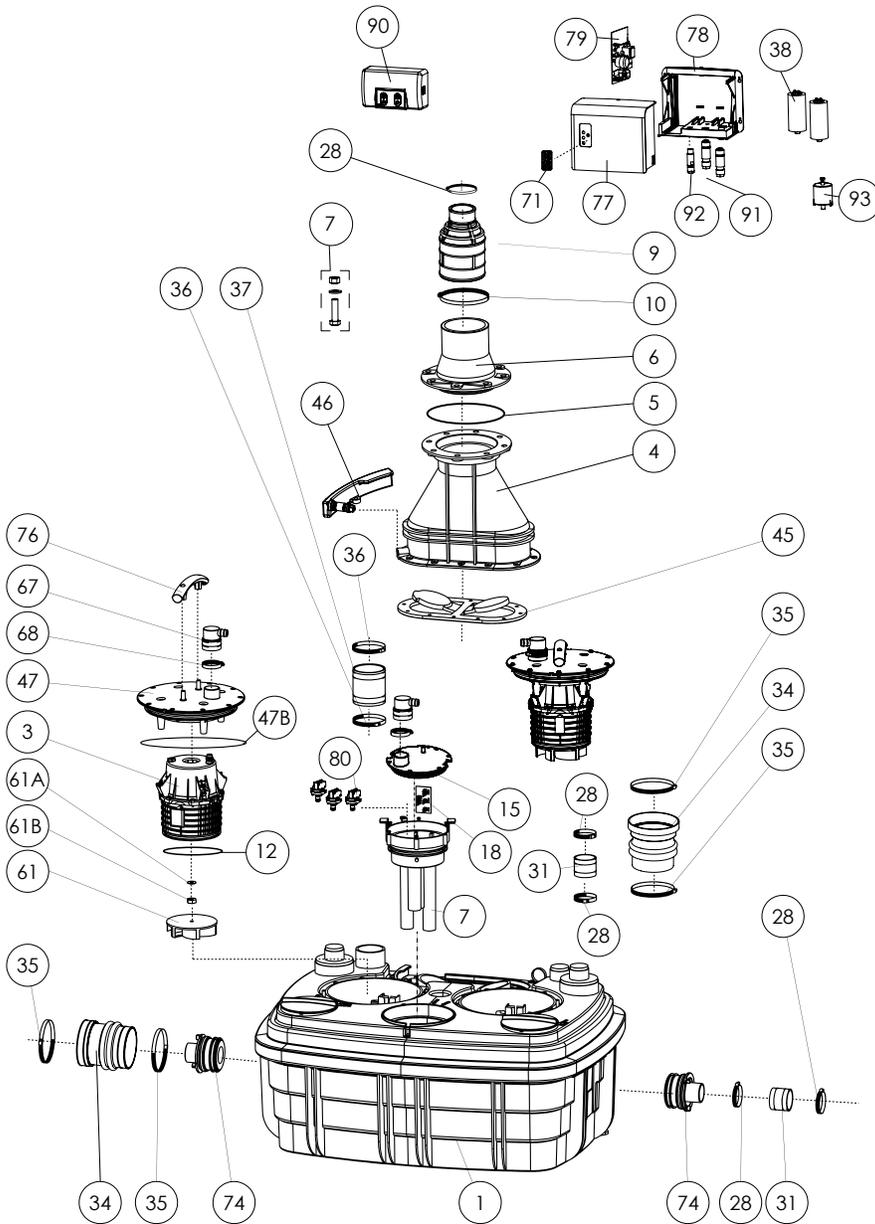
**Smart-pump technology** allows both pumps to work simultaneously if the incoming rate is higher than the discharge rate of the single pump. The **discharge rate increases** until the condition is alleviated.

System is capable of handling **multiple fixtures at the same time** as it can handle up to **250 gallons per minute**.

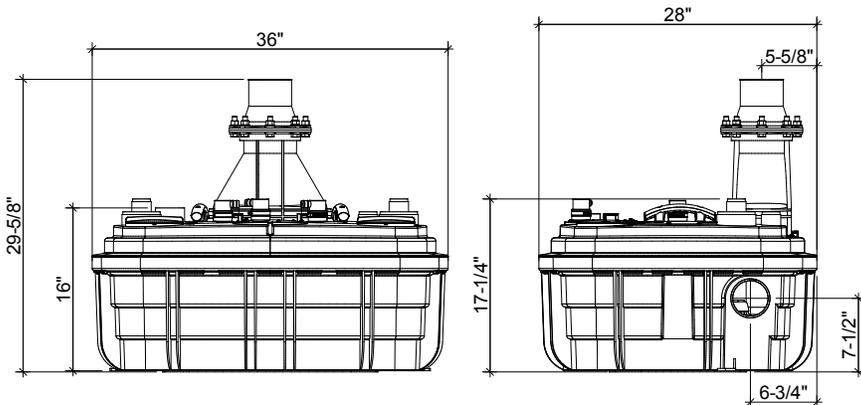
SANICUBIC 2VX • PART N° 099



**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:**

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" (side), 4" vent (top)

**Method of activation:**

Pressure switch/circuit board

**Weight:**

223 lbs / 101.2 kg

**Certifying agencies:**

CSA (IPC, NSPC), IAPMO (UPC)

**Recommended accessories:**

Descaler, Sanialarm

**Connections:**

Toilets, tubs and showers, sinks, washing machines, dishwashers, etc.

