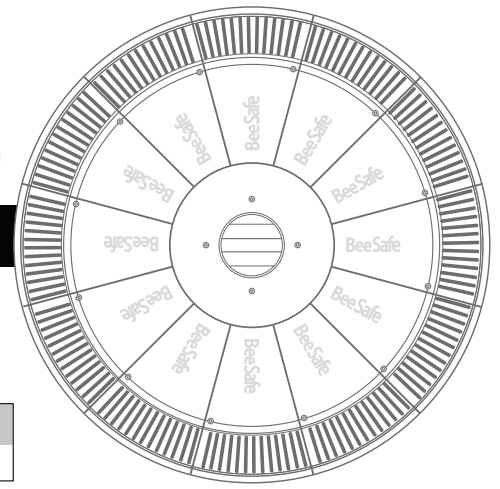




# BeeSafe

SYSTEMS, LLP

1-888-306-0121  
www.beesafesystems.com



## Unique Safety features of the BeeSafe System.

The BeeSafe Systems Model 1 is a Large Unblockable High Flow Safety Drain System to retrofit over existing pool drains.

Overall Size	Weight	Flow Rate	Sump	VGB	ASME
46 inch diameter	90 pounds	1100 GPM	Internal Sump	Approved	Certified

## BeeSafe is a large unblockable system, not just a little drain cover!

Its BIG. Its heavy. It does it all as a stand alone product to solve all problems of entrapment.

Makes your single or multiple main drains unblockable! No need for a second level of protection! Can be used with or without a sump.

**-Hair, Body & Evisceration Entrapment-**

156 Individual 12 inch Tubular Channels make up the System. They Function like Self Regulating Hydraulic Switches. Hair will follow a pattern of laminar flow and not tangle.

**-Finger, Mechanical & Evisceration Entrapment-**

Outside Opening of the Tubes have a small 1/4 inch diameter preventing fingers or Jewelry from becoming entrapped.

**-Limb Entrapment & Evisceration-**

Proper fasteners assure the system will remain attached to prevent limb entrapment or evisceration.

**-Body Entrapment-**

**-18 x 23 Body Blocking Element-**

Used in ASME Testing. Only 20% of the BeeSafe System is Blocked.

The body of the BeeSafe System is permanently installed, so that a body or limbs can not reach the suction piping. Also prevents missing or broken drain covers. (Only the lid & its fasteners need to be replaced every 7 years)

## Designed to Address All 5 Forms of Entrapment!

- **Body Entrapment** - The size of the system, and the self regulating hydraulic switch mechanism of the tubes makes body entrapment nearly impossible. Flow Testing for body entrapment exceeded 6,000 gallons per minute, so even several bodies on the surface at the same time would not likely become entrapped. The outer 6 inches that encompasses the openings is sloped so bodies will likely slide off.
- **Hair Entrapment** - Flow Testing found that hair will most likely mat at the surface. If hair does enter the tubes it will follow a pattern of laminar flow until exiting into the sump or drain line. The tubes are a full 12 inches long to prevent hair entanglement. Even hair longer than the tubes will not likely entangle because of the laminar flow.
- **Finger & Limb Entrapment** - The tubes are small in diameter to prevent fingers and toes from entering. The lid of the System is securely fastened with 316 stainless steel screws and inserts preventing limbs from reaching the suction piping.
- **Mechanical Entrapment** - The small size diameter and long length of the tubes combine to avoid mechanical entrapment, such as clothing a chain or other jewelry items.
- **Evisceration** - Securely fastened 316 stainless steel anchors & screws in the bottom of the pool prevents damage or missing covers. The unique design acts to prevent suction when a body sits on the surface.

# Simply a Better Answer to Suction Entrapment!!