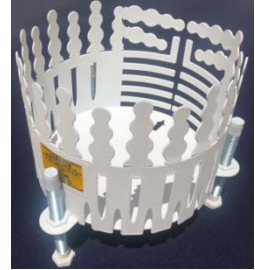


CASTLE – S[®]

Sump Pump Caged Stand

Elevates and keeps sump pump free of clogging



When it comes to installing a reliable sump pump, the details matter. A good sump pump is a homeowner's first line of defense against a basement flood - whether caused by a storm, plumbing leak or sewer collection/lifting system.

The CASTLE[®] sump pump caged stand, designed by Mastering & Innovation Est. were manufactured of top-quality components and paints that work together to ensure reliable, long-term performance that ensures clog-free operation for your sump pump.

Why do sump pumps fail?

Improper installation can cause a sump pump to under-perform or function ineffectively, at the end they are mechanical devices and therefore prone to malfunction or clog, especially over time due to accumulated sedimentation or even floating particles having tissue texture like napkins, cloth pieces or plastic sacks. Markets sell many types, brands and models of sump pumps - expensive of high quality, commercial of moderate quality and even poorly designed cheaply built ones. In all cases, using sump pump base like CASTLE[®] will certainly serve and will definitely save your money.

Why we need a sump pump stand?

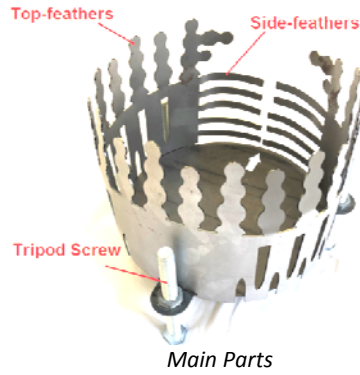
Sump pits are unlined with cement some times. A liner does a better job of letting in sewage water while keeping out sediment and debris. However, this is not enough especially if sump pump were mounted directly on sump pit flooring as usual; The worst is when bad behaviors of some users result in through cloths or sanitary napkins in the sewer network! Therefore, it is necessary to have a sump pump stand installed between the bottom of the sump-pit and the sump pump. Concrete bricks can never be used, nor rubber pads due to gradual decomposition/avalanche in the sewage over time. Hence, it is strongly recommended to use reliable sump pump base like CASTLE[®] caged stand to support, elevate and protect your sump pump. Such pump stand keeps the sump pump's entry port well above the bottom of the sump floor and prevents submersed cloth pieces or sanitary napkins to reach sump pit intake from all sides ensuring optimal pump performance.

A simple feature like a sump pump caged stand can make a huge difference in the efficiency and function of sump pump system, storm water pit, waterproofing system or sewage lifting. At least, failure of neglected /unserviced sump pits can be delayed substantially due to elevating pump manufacturer intake level up to 100mm above pit finishing level were dirt and sediments might accumulate over long time without being cleaned!

From where to get and how to install proper stand?

Big value product like CASTLE[®] sump pump caged stand is sold in pump stores, local hardware stores with economical price and can be installed readily by any qualified plumber or sump pump installer.

Just mountain the caged stand at sump pit floor, adjust the tripod screws to level the set, put the submersible pump over and enclose by bending top-feathers using thump finger, also adjust side-feathers to allow proper discharge pipe outlet from the stand side as shown within below photos:



Features:

- Universal design fits all (small-size sump pumps) with direct vertical or elbow discharge fitting.
- Prevents jamming due to cloth, sanitary-napkins, plastic sacks, debris, rocks, dirt and sediments.
- Prevents side and top access to sump pump intake from submersed, floating or direct fall objects.
- Corrosion resistant paints & skeleton for maximum life in sump applications and aggressive fluids.
- Tripodal design suitable for rough/uneven sump pit flooring or bottom geometry.
- High quality product, with five years warranty.

Specifications:

- * Can accommodate any small sump pump size up to 240. mm in diameter.
- * Ability to raise sump pump intake - above factory design height - by more than 100. mm
- * Oval vertical slits that prevent access of particles of more than 15. mm in diameter.
- * Roughed-base screws, forming precisely adjustable tripodal design 0~100. mm
- * Heavy duty black steel platform, can withstand weights of even more than 50. Kg
- * Durable finishing resisting sewage as well as corrosive fluids. Zinc primer, epoxy and elastomeric paint.
- * 18 top-feathers can be bent easily by fingers to accommodate submersible pump lower chasses.
- * 14 side-feathers can be bent to inside or outside to adapt with discharge pipe set-out.
- * Dimensions = (L x W x H) 276. x 276. x 256. mm
- * Weight = 2.9 kg

For technical support, larger stand sizes, quantity orders or supply and apply, please contact Mastering & Innovation Est. at below address.

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