



Sump Pump Caged Stand

Mounting Procedure

For New Sites

- 1) Unpack CASTLE, then extend its tripodal screws to the maximum length.
- 2) Mount the CASTLE at sump pit bottom. Make sure that base's arrow is pointing toward discharge line connection side.
- 3) Mount the submersible pump inside CASTLE. Side-feathers might be bent to inside or outside - one by one - to adapt with and accommodate discharge pipe elbow / fitting.
- 4) Start discharge pipe assembly process until being ready to the final connection with the discharge line. Meanwhile, CASTLE tripodal base screws might be adjusted to grant balance and suitable level to connect with the discharge line readily.
- 5) Once final assembly complete; Start bending top-feathers of CASTLE toward pump body - one by one - until having satisfactory cage-shape that can protect pump from foaling objects to enter to pump intake.

System is ready now; Pump is elevated, protected and free of clogging!

For Existing Sites

- 1) Carefully empty existing sump pit and clean dirt until reaching pit's ground. (Remove old objects used to elevate pump from ground level ... if any).
- 2) Dismantle mechanical connection between existing submersible pump and the discharge line. (If existing pump is damaged due to clog, then replace with new one).
- 3) Unpack CASTLE, then extend its tripodal screws to the maximum length.
- 4) Mount the CASTLE at sump pit bottom (almost at the same place of old pump). Make sure that base's arrow is pointing toward discharge line connection side.
- 5) Mount new/old submersible pump inside CASTLE. Side-feathers might be bent to inside or outside - one by one - to adapt with and accommodate discharge pipe elbow / fitting.
- 6) Shorten existing discharge pipe to compensate elevation developed due to adding CASTLE. Resume discharge pipe assembly process until being ready to the final connection with the discharge line. Meanwhile, CASTLE tripodal base screws might be adjusted to grant balance and precise level to connect with the discharge line readily.
- 7) Once final assembly complete; Start bending top-feathers of CASTLE toward pump body - one by one - until having satisfactory cage-shape that can protect pump from foaling objects to enter to pump intake.

New set-out is ready now; Pump is elevated, protected and free of clogging!

N.B.

If sump pump is tight / non-accessible; Put the pump at the caged stand, bend the feathers in its final / desired shape and then lower all as one set to inside the pit.