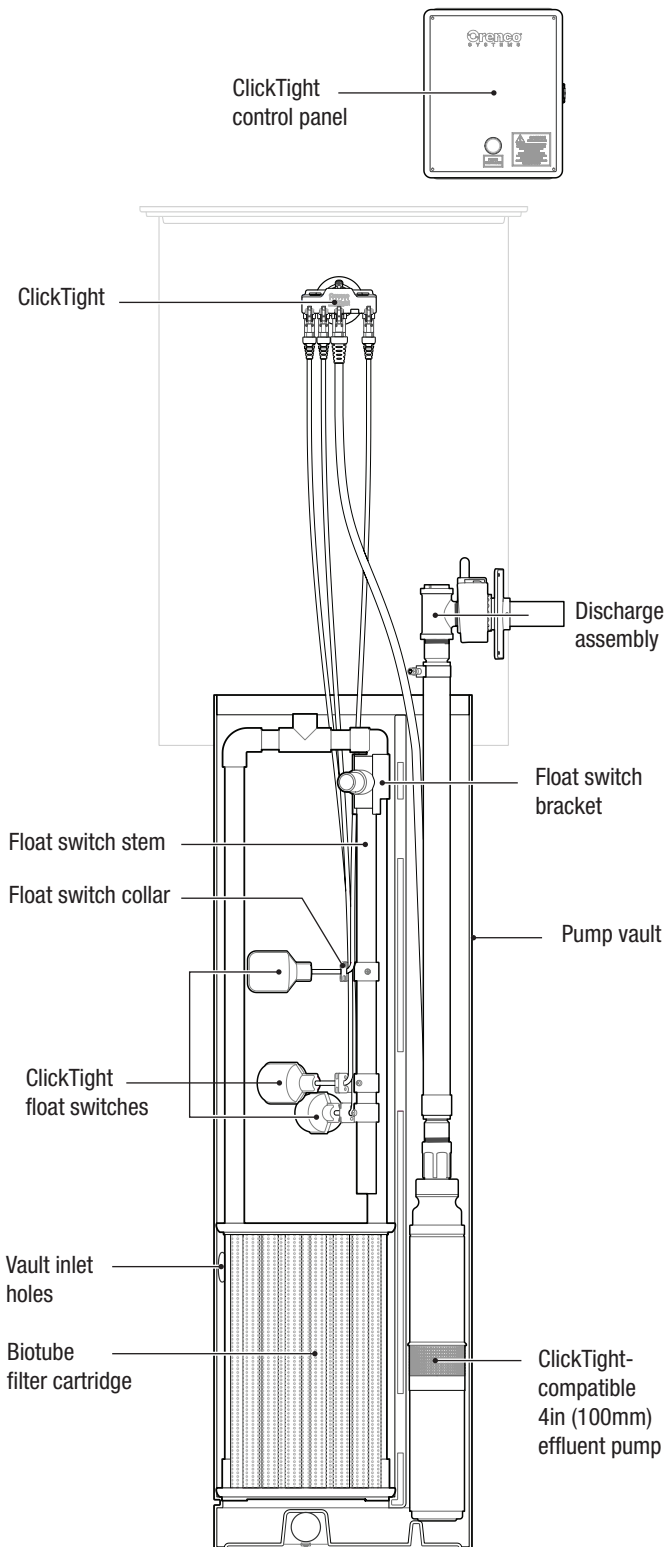


Biotube® LOS ClickTight™ Pump Packages



Biotube LOS ClickTight pump package (cutaway view)

Applications

Orenco's Biotube LOS ClickTight Pump Packages are designed to filter and pump effluent from a one- or two-compartment septic tank to a liquid-only sewer (aka "pressure sewer") system. All packages are 60Hz. Contact Orenco if a 50Hz package is needed.

General

These pump packages make it simple to select and install the correct pump and controls package. The patented Biotube pump vault technology eliminates the need for a separate septic tank and pump tank. The pump vault also allows removal of the effluent filter for cleaning with no need to remove the pump vault or pump, which simplifies servicing.

Orenco's ClickTight allows the connection of a pump, up to four float switches, and a control panel without the use of splice boxes, field-spliced wires, or watertight wire nuts. It also eliminates the need for conduit sealing. The ClickTight is UL listed for the US and Canada and is IP 67 rated.

For more information on specific LOS components, see the following Orenco technical documents:

- [Biotube PV-Series Pump Vaults Technical Data Sheet, NTD-GOP-PVU-4](#)
- [Biotube Universal Pump Vaults Technical Data Sheet, NTD-GOP-PVU-5](#)
- [ClickTight 60Hz Controls Package Technical Data Sheet, NTD-GOP-SBX-4](#)
- [HDA Discharge Assemblies Technical Data Sheet, NTD-HDA-1](#)
- [HV-Series Pump Discharge Assemblies Technical Data Sheet, NTD-GOP-HVA-1](#)
- [PF-Series 60Hz, 1-Phase Effluent Pumps Technical Data Sheet, NTD-GOP-PMP-1](#)
- [PVP-Series Biotube Pump Vaults Technical Data Sheet, NTD-GOP-PVU-1](#)

Product Code Diagrams

Standard Product Code:

LOSCLK - - - - - -

Discharge assembly; details:
 HD1 = HDA24125FCASLC-FS; field-set, 1.25in hose, flow control, P01 (PF100511CV) pump only
 HD2 = HDA24125ASLC-FS; field-set, 1.25in hose, P01 (PF100511CV) pump only
 HD3 = HDA24125CFCASLC-FS; field-set, 1.25in hose, check valve, flow control, 10gpm pumps only
 HD4 = HDA24125CASLC-FS; field-set, 1.25in hose, check valve, 10, 20, or 30gpm pumps
 SD1 = HV100BCFCX; field-cut, 1 in PVC, ball valve, check valve, flow control, 10gpm pumps only
 SD2 = HV100BCX; field-cut, 1in PVC, ball valve, check valve, 10 or 20gpm pumps
 CW1 = HV100BCFCX + HVCW100-KIT; field-set, 1in PVC, ball valve, check valve, flow control, 10gpm pumps only
 CW2 = HV100BCX + HVCW100-KIT; field-set, 1in PVC, ball valve, check valve, 10 or 20gpm pumps
 DB1 = HV100B-DB; field-set, ball valve, drainback, 10 or 20gpm pumps

Pump vault height, in (mm), for 18in (450mm) diameter filter:
 48 = 48 (1219) PVU-Series 60 = 60 (1524) PVP-Series
 57 = 57 (1448) PVU-Series 55 = 55 (1397) PV-Series
 68 = 68 (1727) PVU-Series

ClickTight cable length, ft (m):
 60 = 62 (19)
 95 = 96 (29)

Float switch & pump cord lengths, ft (m):
 10 = 10 (3)
 20 = 20 (6)

Control panel; float switches:
 S11 = S1; 3P
 S12 = S1ETMCT; 3P
 S13 = S1HR; 2P
 S16 = S1R0; 3PN
 S19 = S1ROMTSGR-NC; 3PN

Submersible effluent pump model; details:
 P01 = PF100511CV; 10gpm (0.6L/sec), 0.50hp (0.37kW), 120V for HD1 and HD2 only
 P02 = PF100511; 10gpm (0.6L/sec), 0.50hp (0.37kW), 120V
 P03 = PF100512; 10gpm (0.6L/sec), 0.50hp (0.37kW), 240V

Biotube® LOS ClickTight™ Pump Package

Not all product code configurations may be available as standard products.

Project-Specific Product Code:

LOSCLK - -

Project name

State or province

Biotube® LOS ClickTight™ Pump Package