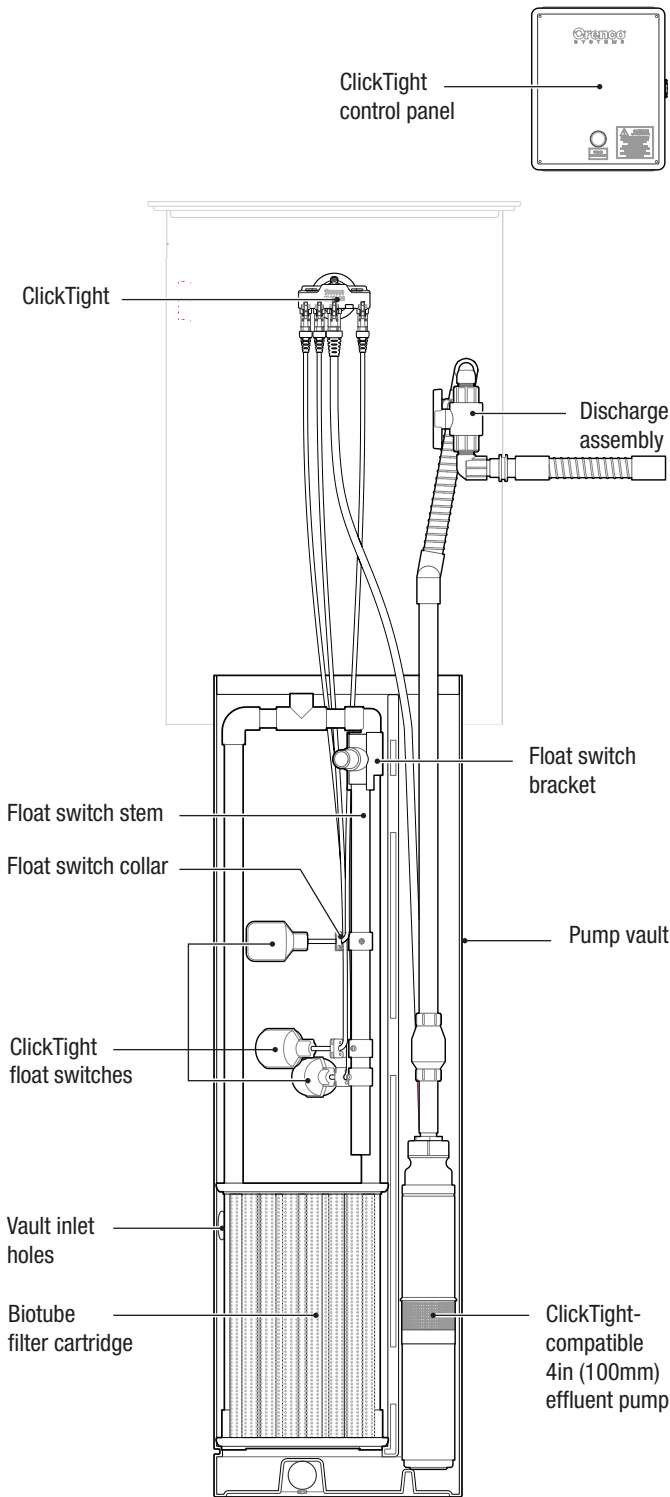


Biotube® ProPak™ ClickTight™ Pump Packages



Biotube ProPak ClickTight pump package (cutaway view)

Applications

Orenco's Biotube ProPak ClickTight Pump Packages are designed to filter and pump effluent from a one- or two-compartment septic tank or pump tank to either gravity or pressurized dispersal.

Packages for on-demand dosing or timed dosing at 10, 20, 30, and 50gpm (0.6, 1.3, 1.9, and 3.2L/sec) are available. 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 separate dosing tanks. 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 ProPak components and options, 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](#)
- [PVA-Series Pumps Technical Data Sheet, NTD-PU-PVA-1](#)
- [PVP-Series Biotube Pump Vaults Technical Data Sheet, NTD-GOP-PVU-1](#)

Product Code Diagram

BPPCLK - - - - - -

Discharge assembly; details:

- 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
- SD3 = HV125BCX; field-cut, 1.25in PVC, ball valve, check valve, 30gpm pumps
- SD4 = HV200BCX; field-cut, 2in PVC, ball valve, check valve, 50gpm 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
- CW3 = HV125BCX + HVCW125-KIT; field-set, 1.25in PVC, ball valve, check valve, 30gpm pumps
- CW4 = HV200BCX + HVCW200-KIT; field-set, 2in PVC, ball valve, check valve, 50gpm pumps
- DB1 = HV100B-DB; field-set, ball valve, drainback, 10 or 20gpm pumps
- DB2 = HV125B-DB; field-set, ball valve, drainback, 30gpm pumps
- DB3 = HV200B-DB; field-set, ball valve, drainback, 50gpm pumps
- 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 = HDA24125FCASLC-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

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 | M11 = MVP-S1DM; 3P |
| S12 = S1ETMCT; 3P | M12 = MVP-S1DMHT; 3P |
| S13 = S1HR; 2P | M13 = MVP-S1DMHTSA; 3P |
| S14 = S1PTRO; 2BN | M14 = MVP-S1DMHTMTSGR-NC; 3P |
| S15 = S1PTROETMCT; 2BN | M15 = MVP-S1DM(DEMAND); 3P |
| S16 = S1RO; 3PN | M21 = MVP-S2DM; 3P |
| S17 = S1ROETMCT; 3PN | M22 = MVP-S2DMHT; 3P |
| S18 = S1ROETMCTSA; 3PN | M23 = MVP-S2DMHTSA; 3P |
| S19 = S1ROMTSGR-NC; 3PN | |

Submersible effluent pump model; details:

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|--|--|
| P01 = PF100511CV; 10gpm (0.6L/sec), 0.50hp (0.37kW), 120V for HD1 and HD2 only | P12 = PF300512; 30gpm (1.9L/sec), 0.50hp (0.37kW), 240V |
| P02 = PF100511; 10gpm (0.6L/sec), 0.50hp (0.37kW), 120V | P13 = PF300712; 30gpm (1.9L/sec), 0.75hp (0.56kW), 240V |
| P03 = PF100512; 10gpm (0.6L/sec), 0.50hp (0.37kW), 240V | P14 = PF301012; 30gpm (1.9L/sec), 1.00hp (0.75kW), 240V |
| P04 = PF100712; 10gpm (0.6L/sec), 0.75hp (0.56kW), 240V | P15 = PF500511; 50gpm (3.2L/sec), 0.50hp (0.37kW), 120V |
| P05 = PF101012; 10gpm (0.6L/sec), 1.00hp (0.75kW), 240V | P16 = PF500512; 50gpm (3.2L/sec), 0.50hp (0.37kW), 240V |
| P08 = PF200511; 20gpm (1.3L/sec), 0.50hp (0.37kW), 120V | P17 = PF500712; 50gpm (3.2L/sec), 0.75hp (0.56kW), 240V |
| P09 = PF200512; 20gpm (1.3L/sec), 0.50hp (0.37kW), 240V | P18 = PF501012; 50gpm (3.2L/sec), 1.00hp (0.75kW), 240V |
| P10 = PF201012; 20gpm (1.3L/sec), 1.00hp (0.75kW), 240V | P90 = PVA100511; 10gpm (0.6L/sec), 0.50hp (0.37kW), 120V |
| P11 = PF300511; 30gpm (1.9L/sec), 0.50hp (0.37kW), 120V | P91 = PVA300511; 30gpm (1.9L/sec), 0.50hp (0.37kW), 120V |
| | P92 = PVA500511; 50gpm (3.2L/sec), 0.50hp (0.37kW), 120V |

Biotube® ProPak™ ClickTight™ Pump Package

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