



Orengo Systems  
Incorporated

Inlet Tee

Water Tight  
Riser and Lid

Conduit to  
Control Panel

Conduit Seal

24" Dia. (Min)  
Fiberglass Gasket Lid With  
Stainless Steel Bolts

PVC Splice Box with  
Cord Grips

PVC Riser With Grommet(s)  
(bonded to tank adaptor with  
recommended adhesive)  
24" Dia. (Min) X 12" Tall (Min)

Discharge Assembly

Tank Adapter (precast or bolted)

Effluent Discharge

Level Control  
Float Assembly  
(see designers notes)

Check Valve

Effluent Pump

Screened Pump Vault  
(sized per tank volume)

Note: Must be  
preceded by a septic  
tank.  
Effluent filter  
recommended.

Liquid Level

Tank & Pump Specifications

Tank Volume \_\_\_\_\_

Tank Elevations

Riser Lid \_\_\_\_\_

Tank Top (outside) \_\_\_\_\_

Inlet Invert \_\_\_\_\_

Outlet Invert \_\_\_\_\_

Tank Bottom \_\_\_\_\_

Pump Description

Make \_\_\_\_\_

Model \_\_\_\_\_

GPM @ TDH \_\_\_\_\_

HP \_\_\_\_\_

Voltage/Phase \_\_\_\_\_

Dose Volume \_\_\_\_\_

Pump Vault Model \_\_\_\_\_

Discharge Assembly Model \_\_\_\_\_

Float Model \_\_\_\_\_

Control Panel Model \_\_\_\_\_

STEP System

Septic Tank Effluent Pump

Model: STEP LH PV (single

Compartment)

Water Tight Tankage Spec.

It is Necessary That Tanks  
Be Vacuum Or Water Tested  
To Certify Water Tight Tankage.  
PVC Access Risers Must Be  
Water Tight, Epoxied To Tankage  
And Lids Bolted Down For Liability  
Consideration. Contractor/Tank  
Manufacturer Shall Be Responsible  
For Repair Or Replacement  
Of Tanks With Leaks or Defects.  
Tankage Must Have 3 Year Warranty.

Patents # 4,439,323 & 5,492,635  
Foreign Patents Pending  
? Orengo Systems, Inc.

DRAWN jdu

SCALE

DATE 12/20/04

APPROVED

7125 East Pickard Road  
P. O. Box 309  
Mt. Pleasant, MI 48804-0309  
ph-989-773-9938  
fax-989-772-3415



BY	jdu
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SHEET	1
OF	1

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