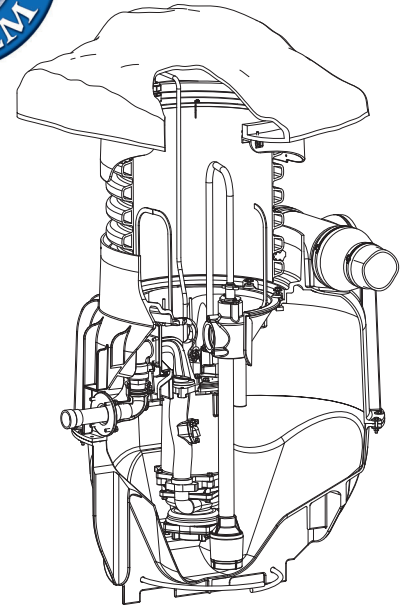


**Specifications:**

inches  
(mm)

<b>BASIN</b> .....	Engineered Polypropylene Copolymer, 2-piece construction, factory assembled with preformed corrosion resistant rebar installed. Includes POD for pump support and orientation
<b>RISER</b> .....	HDPE 18" Dia. (457mm) corrugated drainpipe, day-of-installation adjustment sets basin depth [limit 9ft. 6inches (2.9m) to bottom of basin]
<b>DISCHARGE OUTLET</b> .....	1-1/4" NPT Flexible, stainless steel. Connects to a basin mounted bronze tank receiver.
<b>INLET</b> .....	3 positions, 4" (Sch 40/80 or SDR35) Flexible Inlet Flange (For Field Installation)
<b>COVER</b> .....	Rock-Shaped Polyethylene Cover, interlocking with Riser Adapter, vented or unvented. Keyed lock included. Load rating of 150 lb per sq ft.
<b>ALARM BOX</b> ..	Model 1500 Alarm Panel, NEMA 4X Non-metallic Enclosure with Keyed Lock, Alarm Light, Alarm Horn w/Push Button, Pump and Alarm Circuit Breakers
<b>DIRECT BURIAL CABLE</b> .....	12/5 Type TC, STOOV Round U.L. Listed. 30ft (9m) length standard
<b>MOVEABLE DISCHARGE FITTING w/ CHECK VALVE:</b> (Removed with Pump)	
<i>Housing</i> .....	Powder Coated Cast Iron
<i>Diaphragm</i> .....	Fiber Reinforced Neoprene
<i>Flapper</i> .....	Fiber Reinforced Nitrile
<i>Size</i> .....	1-1/4" Full Port
<i>Valve Seat</i> .....	Bronze
<b>BALL VALVE:</b> .....	Toggle actuated via polypropylene harness from top side, removable without basin entry
<i>Material</i> .....	Bronze, with Stainless Steel ball & stem, and Teflon seats
<i>Size</i> .....	1-1/4" Full Port
<b>LIFTING HARNESS</b> .....	1/8" x 3/4" Polypropylene (POD). 1/2" Dia. Polypropylene (PUMP) Breaking strength 3750 lbs.
<b>HARDWARE</b> .....	300 Series Stainless Steel
<b>LEVEL CONTROL</b> .....	Direct control of pump motor with alarm
<i>ESPS™</i> .....	Environmentally sealed pressure switch with CPVC housing, HNBR diaphragm, custom molded quick connect for sealing and strain relief.
<i>SensaPRO</i> .....	Mechanical Level Control with custom molded quick connect for sealing and strain relief.
<b>ANTI-SIPHON</b> .....	Integral to cast iron motor housing.
<i>Flapper</i> .....	Fiber Reinforced Nitrile
<i>Seat</i> .....	Valox with stainless steel rivet
<b>PUMP</b> .....	OGP2022CE (Std), 240 Volt, 1 Phase
<b>OPTIONS</b> .....	Direct Burial Cable lengths, Rock Cover Vented or Flood Plain, Flat Cover Vented or Flood Plain, Depth, OGVF2022CE Pump, Model 1550 Alarm Panel w/Generator Receptacle



**EcoTRAN™ System**

For use with OGP and OGV pumps, 1/4" NPT

- Vented 52"-74" Depth
- Vented 76"-114" Depth
- Flood Plain 52"-74" Depth
- Flood Plain 76"-114" Depth

This product may be covered by one or more of the following patents and other patent(s) pending:  
US Patent 7,357,341 & US Patent 7,578,657



NOTE:  
BASIN ASSEMBLIES  
WITH SensaPRO  
ARE NOT THIRD  
PART LISTED



**WARNING:**  
CANCER AND REPRODUCTIVE HARM -  
WWW.P65WARNINGS.CA.GOV

Short Set EcoTRAN Package - Vented Cover								
Direct Burial Cable Length	OGP Pump				OGV Pump			
	Standard Alarm Box		Alarm with Generator Receptacle		Standard Alarm		Alarm with Generator Receptacle	
	Part No.	SC	Part No.	SC	Part No.	SC	Part No.	SC
30 Ft.	122848	NS	122854	CF	122851	NS	122857	CF
50 Ft.	122849	NS	122855	CF	122852	NS	122858	CF
100 Ft.	122850	NS	122856	CF	122853	NS	122859	CF
Long Set EcoTRAN Package - Vented Cover								
Direct Burial Cable Length	OGP Pump				OGV Pump			
	Standard Alarm Box		Alarm with Generator Receptacle		Standard Alarm		Alarm with Generator Receptacle	
	Part No.	SC	Part No.	SC	Part No.	SC	Part No.	SC
30 Ft.	124146	NS	124152	CF	124149	NS	124155	CF
50 Ft.	124147	NS	124153	CF	124150	NS	124156	CF
100 Ft.	124148	NS	124154	CF	124151	NS	124157	CF
Short Set EcoTRAN Package - Non-Vented Cover								
Direct Burial Cable Length	OGP Pump				OGV Pump			
	Standard Alarm Box		Alarm with Generator Receptacle		Standard Alarm		Alarm with Generator Receptacle	
	Part No.	SC	Part No.	SC	Part No.	SC	Part No.	SC
30 Ft.	122860	CF	122866	CF	122863	CF	122869	CF
50 Ft.	122861	CF	122867	CF	122864	CF	122870	CF
100 Ft.	122862	CF	122868	CF	122865	CF	122871	CF
Long Set EcoTRAN Package - Non-Vented Cover								
Direct Burial Cable Length	OGP Pump				OGV Pump			
	Standard Alarm Box		Alarm with Generator Receptacle		Standard Alarm		Alarm with Generator Receptacle	
	Part No.	SC	Part No.	SC	Part No.	SC	Part No.	SC
30 Ft.	124158	CF	124164	CF	124161	CF	124167	CF
50 Ft.	124159	CF	124165	CF	124162	CF	124168	CF
100 Ft.	124160	CF	124166	CF	124163	CF	124169	CF

**NOTES:**

- \* Add FC suffix to part number for Flat Cover Flood Plain
- Add FCV suffix to part number for Flat Cover Vented
- Add P suffix to part number for SensaPRO Mechanical Level Control

- 1. Depth**
- 52"-74" (1.3m-1.8m) Vented
  - 76"-114" (1.9m-2.9m) Vented
  - 52"-74" (1.3m-1.8m) Flood Plain
  - 76"-114" (1.9m-2.9m) Flood Plain

- 2. Pump Type (240V / 1 Phase)**
- 2 HP OGP2022CE (STD.)
  - 2 HP OGVF2022CE

- 3. Direct Burial Cable Length**
- 30 Feet (STD.)
  - 50 Feet
  - 100 Feet

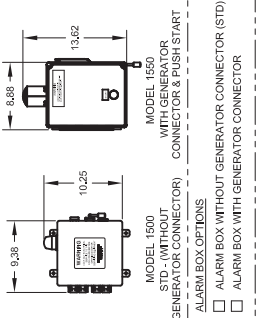
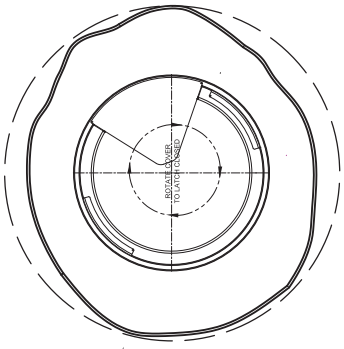
- 4. Cover Options (Select One)**
- Rock Cover**
- Sandstone
  - Flood Plain, Sandstone
- Flat Cover**
- Vented
  - Flood Plain

- 5. Alarm Box Options**
- Model 1500 w/Alarm Light, Horn, Silence Button & Circuit Breaker
  - Model 1550, includes 1500 features, Plus Generator Receptacle and Automatic Transfer Switch

- 6. Level Control (Select One)**
- ESPS™
  - SensaPRO

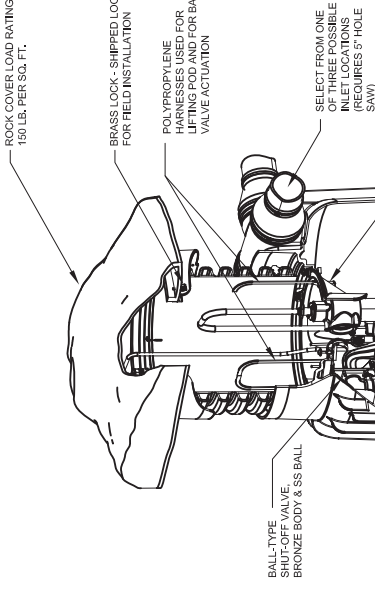
**NOTES!**

1. Unit shipped boxed complete including Basin Package, Pump, Level Control and Alarm Box (Riser shipped separately).
2. Riser depth can be shortened in the field during installation.
3. All moving parts and seals serviceable from ground level without entry into the basin.



- ALARM BOX OPTIONS
- ALARM BOX WITHOUT GENERATOR CONNECTOR (STD)
  - ALARM BOX WITH GENERATOR CONNECTOR
- MODEL 1500 WITH GENERATOR CONNECTOR & PUSH START
- MODEL 1500-D WITH GENERATOR CONNECTOR & PUSH START

- ROCK COVER OPTIONS
- ROCK
  - VENTED SANDSTONE
  - FLOOD PLAN, SANDSTONE
  - FLAT COVER
  - VENTED
  - FLOOD PLAN



- ROCK COVER LOAD RATING 150 LB. PER SQ. FT.
- BRASS LOCK, SHIPPED LOOSE FOR FIELD INSTALLATION
- POLYPROPYLENE HARNESSES USED FOR FIELD INSTALLATION FOR BALL VALVE ACTUATION
- SELECT FROM ONE OF THREE POSSIBLE INLET LOCATIONS (REQUIRES 5" HOLE SAW)
- REMOVABLE P.O.D. ALLOWS ACCESS TO BALL-VALVE FOR MAINTENANCE WITHOUT CONFINED SPACE ENTRY
- PRE-FORMED CORROSION RESISTANT REBAR (FACTORY INSTALLED)
- PRESSURE LEVEL CONTROL ESPS-150E (SHOWN), SENSA PRO
- OGP GRINDER PUMP
- OGV GRINDER PUMP
- INTEGRATED DISCHARGE WITH ANTI-SIPHON
- CHECK VALVE, 1-1/4", CAST IRON WITH BRONZE SEAT - (DIAPHRAGM REPLACEABLE FROM TOP SIDE)
- 1-1/4" FLEXIBLE DISCHARGE - SS
- BALL-TYPE SHUT-OFF VALVE, BRONZE BODY & SS BALL
- ENGINEERED POLYPROPYLENE BASIN (FACTORY ASSEMBLED)
- 24.00
- 21.16
- 27.25
- 21.28 ON (93.5 gal)
- 21.28 OFF (10.5 gal)
- 36.50 TO INLET (94.5 gal)
- 35.25
- 4.00 MINIMUM CONCRETE ABOVE REBAR
- 21.44 TO DISCHARGE
- 2.50 REBAR
- 1.50 REBAR
- 23.70 APPROX
- 23.70 APPROX
- 21.16
- 27.25
- 21.28 ON (93.5 gal)
- 21.28 OFF (10.5 gal)
- 36.50 TO INLET (94.5 gal)
- 35.25
- 4.00 MINIMUM CONCRETE ABOVE REBAR
- 21.44 TO DISCHARGE
- 2.50 REBAR
- 1.50 REBAR

- ROCK COVER OPTIONS
- ROCK
  - VENTED SANDSTONE
  - FLOOD PLAN, SANDSTONE
  - FLAT COVER
  - VENTED
  - FLOOD PLAN

- ROCK COVER OPTIONS
- ROCK
- VENTED SANDSTONE
- FLOOD PLAN, SANDSTONE
- FLAT COVER
- VENTED
- FLOOD PLAN
- HDPE CORRUGATED RISER
- RSS CONDUIT, NON-METALLIC, PVC 1" CONDUIT - SHIPPED LOOSE
- DIRECT BURIAL CABLE OPTION
- 30 FEET OF CABLE
- 50 FEET OF CABLE
- 100 FEET OF CABLE
- ENGINEERED POLYPROPYLENE BASIN (FACTORY ASSEMBLED)
- 24.00
- 21.16
- 27.25
- 21.28 ON (93.5 gal)
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- 21.44 TO DISCHARGE
- 2.50 REBAR
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NOTES:  
1. ALL DIMENSIONS ARE ±1/16" UNLESS OTHERWISE SPECIFIED

TITLE		CAGE NO
SIMPLEX, ECO TRAN SYSTEM, OGP, OGV		96046
DWG NO	REV	
CD119621	G	
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