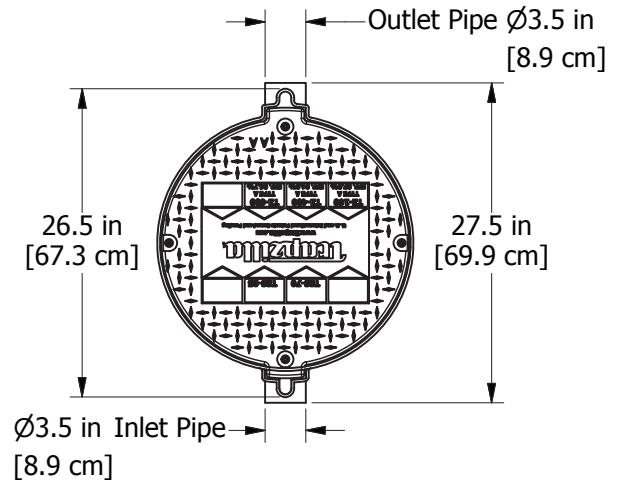


### PRODUCT FEATURES

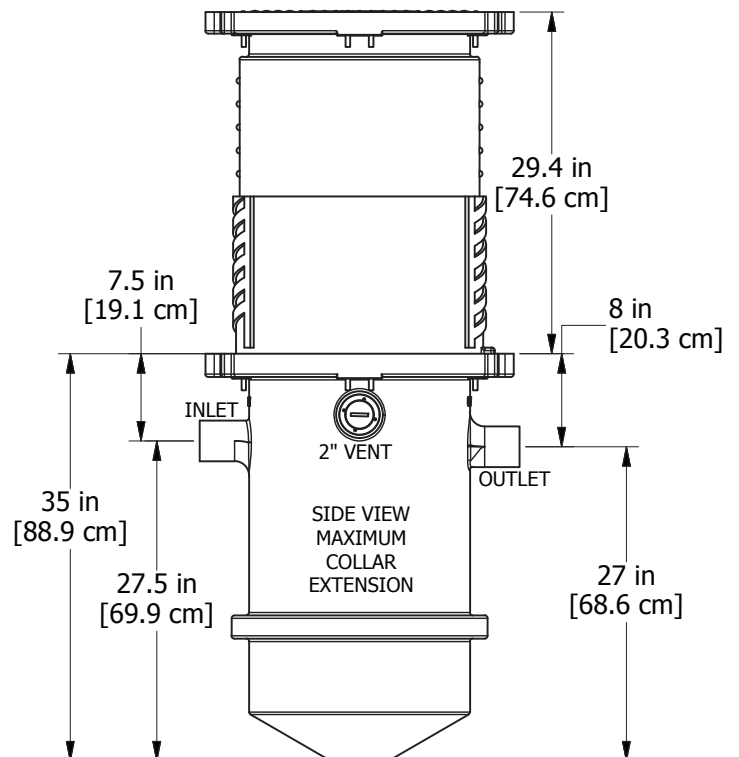
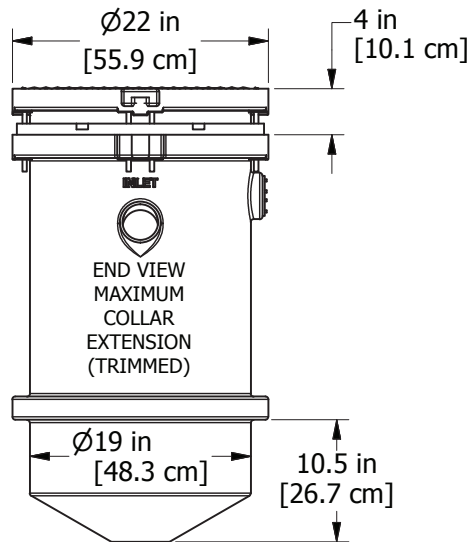
- Constructed of corrosion resistant materials suitable for installation in virtually any location.
- Compact footprint.
- Baffle structure retains separated solids permitting flow of grease, oil, and water.
- Includes one ECA-TSS-29 Extension Collar for in-ground installation.
- Included lid rated for foot-traffic only

### SPECIFICATIONS

- Construction: \_\_\_\_\_ Single-Piece Rotationally Molding Polyethylene Exterior Tank with Inlet/Outlet Inverts secured using Patented Interior Radial Compression Ring
- Flow Rating: \_\_\_\_\_ 35 gpm (2.21 l/s)
- Liquid Capacity: \_\_\_\_\_ 27 gallons (102 l)
- Solids Capacity: \_\_\_\_\_ 27 gallons (102 l)
- Inlet/Outlet: \_\_\_\_\_ 3" (75 mm)



10 in [25.4 cm]  
CLEARANCE FROM  
TOP OF TANK  
REQUIRED FOR LID  
REMOVAL





# Trapzilla® Solids Separator

## TSS-27-ECA Specifications

### **NOTES**

1. READ instruction manual included with system before installing/operating.
2. Unit requires 6" (15.24 cm) of clearance all the way around the lid from walls or other structures to allow for servicing.
3. Make piping connections with rubber "No Hub" connectors.
4. Keep outlet piping as straight as possible. Use only "sweep" connections.
5. Install vent on outlet piping.
6. If installing in conjunction with other Trapzilla products, include cleanout port before, after, and/or between each unit.
7. Do not install "P" Trap on outlet connection of tank (unit already has internal gas trap).
8. Do not reduce pipe size on outlet piping
9. Do not pressure test unit.

Equipment must be installed in compliance with all applicable laws, regulations and codes, including plumbing codes. Installation should be performed by a qualified plumbing contractor.

### **JOB SPECIFICATION**

Solids separator(s) shall be Thermaco Trapzilla solids interceptor system(s) as manufactured by Thermaco, Inc., Asheboro, North Carolina as noted on plans.

### **SEPARATOR SPECIFICATIONS**

Furnish and install \_\_\_\_\_ Thermaco Trapzilla Model No. TSS-27-ECA, rotationally molded polyethylene solids separator(s) for below ground installation, shall be rated at 35 gpm (2.21 l/s) with 27 gallons (102 l) of total solids storage capacity, with removable cover for solids removal access, integral anti-flotation anchor ring for in-ground installation, laminar inlet flow diverter, integral vessel vent, a unitary tank body and 3" (75 mm) inlet/outlet structures without gasket interfaces, utilizing an interior radial compression ring conjoining invert to tank outlet/inlet structures without bulkhead fittings and/or gaskets, sloping conical bottom, integral sewer gas trap, and a fully removable polyethylene self-positioning cover with sealed thread fasteners. Includes one ECA-TSS-29 extension collar assembly, linear low-density rotationally molded polyethylene for field adjustability to optimal installation depth.

### **SUBMITTAL OPTIONS**

- TZSP-40-ECA Sampling Port with 4" Inlet/Outlet, 0.5" fall and ECA-TZ-29 Extension Collar
- TZSP-48-ECA Sampling Port with 4" Inlet/Outlet, 7.8" fall and ECA-TZ-29 Extension Collar
- FTCA-22 Fabricated Top Cover Assembly with diamond plate aluminum surface for heavy duty foot-traffic, pallet jacks, food carts etc. (not rated for vehicle traffic)
- VFCA-35 Vented Flow Control Assembly for installation at plumbing fixture level to limit flow to 35 gpm for installations with head height greater than 6'