Trapzilla
A THERMACO® Technology

PRODUCT FEATURES

Constructed of corrosion resistant materials suitable for installation in virtually any location.
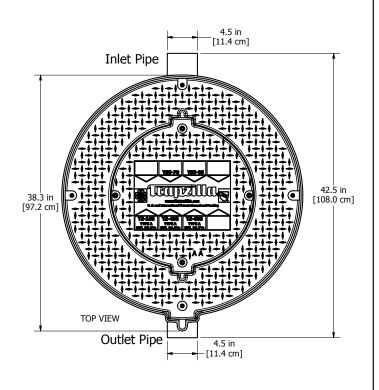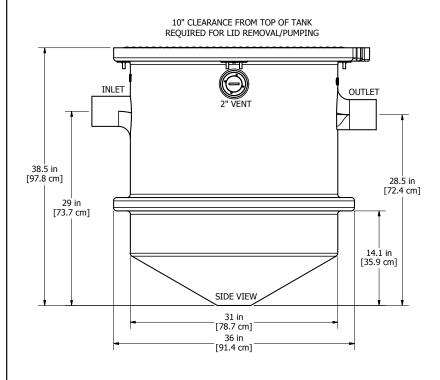
Compact footprint.

Baffle structure retains separated hydrocarbon oils increasing retention efficiency of separator.
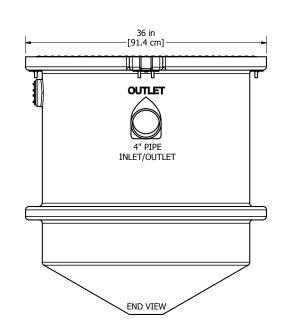
Separator captures sediment such as sand and grit in addition to hydrocarbon oil.

SPECIFICATIONS

Construction: _____ Single-Piece Rotationally Molded Polyethylene Exterior Tank with Inlet/Outlet Inverts secured using Patented Interior Radial Compression Ring

Flow Rating*: _____ 50 gpm (3.15 l/s)

Liquid Capacity: _____ 70 gallons (265 l)

Oil Retention Capacity: __ 55 gal. (208.2 l)

Sand/Grit Capacity: _____ 22.6 gallons (85.6 l)

Inlet/Outlet: _____ 4" (101 mm)

*Additional flow ratings based on mg/L effluent ratings available upon request.

Inlet Pipe

4.5 in [11.4 cm]

38.3 in [97.2 cm]

42.5 in [108.0 cm]

TOP VIEW

Outlet Pipe

4.5 in [11.4 cm]

10" CLEARANCE FROM TOP OF TANK REQUIRED FOR LID REMOVAL/PUMPING

INLET

2" VENT

OUTLET

38.5 in [97.8 cm]

29 in [73.7 cm]

28.5 in [72.4 cm]

14.1 in [35.9 cm]

SIDE VIEW

31 in [78.7 cm]

36 in [91.4 cm]

36 in [91.4 cm]

OUTLET

4" PIPE INLET/OUTLET

END VIEW

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

Oil/Water separator(s) shall be Thermaco **Trapzilla** oil/water separator system(s) as manufactured by Thermaco, Inc., Asheboro, North Carolina as noted on plans.

SEPARATOR SPECIFICATIONS

Furnish and install _____ Thermaco Trapzilla Model No. TZOWS-50, rotationally molded polyethylene oil separator(s) for above or below ground installation, shall be rated at 50 GPM (3.15 l/s) with 55 gallons (208.2 l) of total oil storage capacity with flat oil separation efficiency curve capable of holding 78.5% of volume in free-floating oils at capacity, with removable cover for oil and sand/grit removal access, integral anti-flotation anchor ring for in-ground installation, integral horizontal baffle, laminar inlet flow diverter, integral vessel vent, separate storage compartments for oil and heavier than water solids, a unitary tank body and 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, invert top and bottom secured attachment points, sloping conical bottom for solids retention, integral sewer gas trap, and a fully removable polyethylene self-positioning cover with sealed thread fasteners.

SUBMITTAL OPTIONS

☐ ECA-TZ-29 Extension Collar

☐ TZOP-400 Trapzilla One-Pour System (Includes Frame, MHC-1 Manhole Cover, and ECA-TZ-18 Extension Collar)

☐ MHC-1 H20 Rated Cast Iron Manhole Cover (Must be installed using civil engineering drawings provided by Thermaco)

☐ TZSP-40 Sampling Port with 4" Inlet/Outlet, 0.5" fall

☐ TZSP-48 Sampling Port with 4" Inlet/Outlet, 7.8" fall

☐ TSS-70 Solids Interceptor for additional Sand/Grit Capacity

☐ VFCA-50 Vented Flow Control Assembly for installation at plumbing fixture level to limit flow to 75 gpm for installations with head height greater than 6'

☐ MFSH-44 Molded Flow Splitter Assembly for evenly diverting flow to two separate 4" Trapzilla units

☐ MFSH-66 Molded Flow Splitter Assembly for evenly diverting flow to two separate 6" Trapzilla units