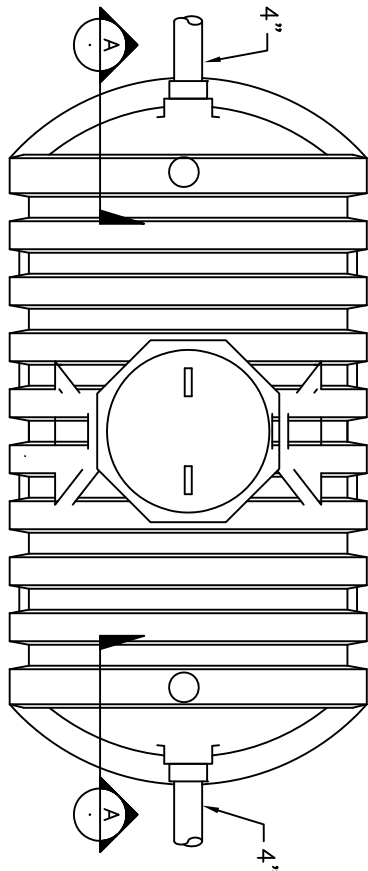


AQGT-500 (500 GALS)

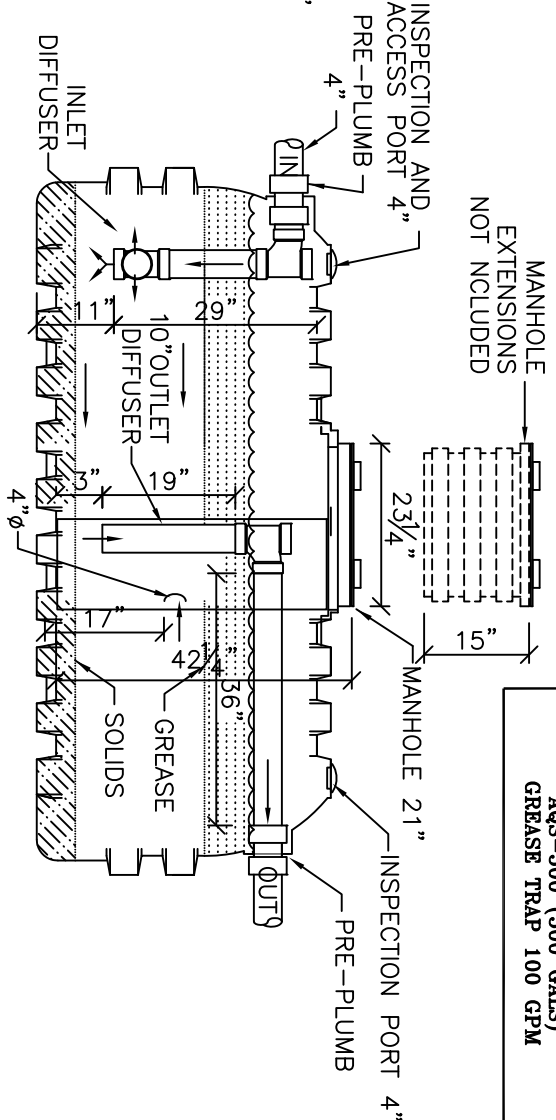
GREASE TRAP 100 GPM
 AVG. 1,000 LBS GREASE
 AVG. 200 LBS SOLID

NOTE:
 DRAWING FOR REFERENCE ONLY. EQUIPMENT MUST BE INSTALLED
 IN COMPLIANCE WITH ALL APPLICABLE LAWS, REGULATIONS AND
 CODES, INCLUDING PLUMBING CODES. INSTALLATION SHOULD BE
 PERFORMED BY A QUALIFIED PLUMBER

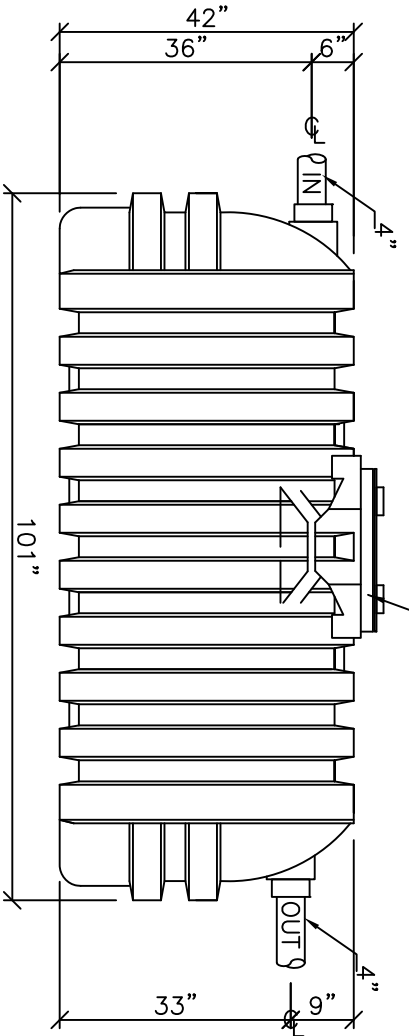


TOP VIEW

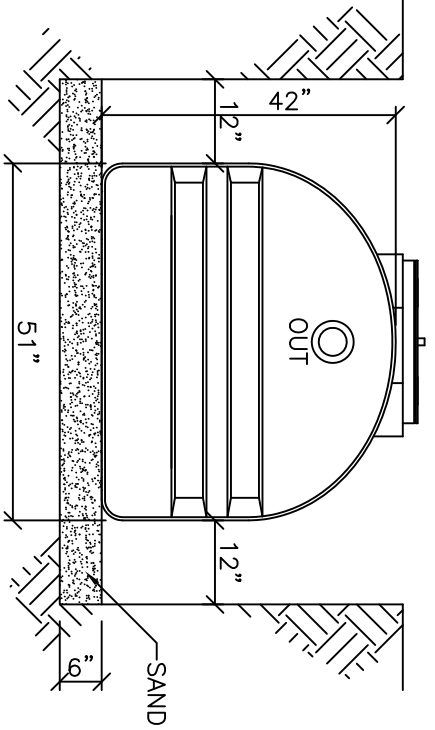
LD WITH TAMPED PROOF SCREWS
 400 POUND MAXIMUM WEIGHT




SECTION A



FRONT VIEW



SIDE VIEW



SPECIAL PROJECTS ENGINEERING AND CONSTRUCTION COMPANY, INC.

JUSTINO R. FERRER HOPGOOD P.E.
 PMB 415 89 Ave. De Diego, Ste. 105
 San Juan, PR 00927-6346
 TEL. (787) 782-0690 - FAX (787) 782-0685
 Email : specco@caribe.net
 WEB-PAGE : www.speccoenv.com

AQS-500 (500 GALS)
GREASE TRAP 100 GPM

WARRANTY : FIVE (5) YEARS MANUFACTURER WARRANTY ON TANK DEFECTS. NOT TO BE BURIED
 MORE THAN 3' FROM TOP. CLASSIFICATION H10.

AQGT-500 (500 GALS)

GREASE TRAP 100 GPM
AVG. 1,000 LBS GREASE
AVG. 200 LBS SOLID



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**AQS-500 (500 GALS)
GREASE TRAP 100 GPM**

SPECIFICATIONS:

1. 4" INLET/OUTLET SCH 40 CONNECTIONS (NO-HUB).
2. MAX. FLOW RATE: 100 GPM.
3. LIQUID CAPACITY: 500 GAL.
4. AVG. GREASE CAP.: MORE THAN 1,000 POUNDS (145 GALS).
5. AVG. SOLIDS/SEDIMENT CAPACITY: 200 POUNDS. (25 GALS)
6. UNIT WEIGHT W/STD. COVERS: 125 POUNDS.
7. TANK AND COVER RATED H10 MAXIMUM WEIGHT 400 LBS.
8. MAX. OPERATING TEMPERATURE: 190°F.

NOTES:

1. TANK CERTIFIED BY NSF COMPLY TO ASME GREASE INTERCEPTOR STANDARD A112.14.3.
2. FOR GRAVITY DRAINAGE APPLICATION ONLY. DON' USE FOR PRESSURE APPLICATIONS.
3. AQS-500 (GREASE TRAP) SEAMLESS HIGH DENSITY POLYETHYLENE WALLS.
4. MANHOLE EXTENSION ARE AVAILABLE AS AN OPTION. COVER PLACEMENT AND CLEAN OUTS ALLOWS FULL ACCESS TO TANK FOR PROPER MAINTENANCE.
5. VENT NOT REQUIRED UNLESS PER LOCAL CODE.
6. FOR BURIED APPLICATIONS ONLY.
7. AQS-500 (GREASE TRAP) TO BE LOCATED AS CLOSE AS POSSIBLE TO GREASE PRODUCING SOURCE.
8. INTEGRAL AIR RELIEF/ANTI-SIPHON.
9. PROPER VENTILATION AND TRAPS MUST BE PROVIDED BY OTHERS AS PER LOCAL REGULATIONS AND CODES.
11. TAMPERED PROOF SCREWS MUST BE INSTALLED IN LID

ENGINEERED INLET AND OUTLET DIFFUSERS

THE INLET DIFFUSERS SPURTS INCOMING EFFLUENT INTO TWO PATHS THAT UTILIZE THE ENTIRE LIQUID VOLUME OF THE TANK FOR EFFICIENT GREASE SEPARATION. THE OPENINGS GREATLY REDUCES EFFLUENT TURBULENCE. THE EFFLUENT ENTERS THE TANK WITHOUT DISTURBING THE GREASE OR SEDIMENT LAYER.

THE OUTLET DIFFUSER ALLOWS EFFLUENT WHICH IS FREE OF GREASE TO EXIT THE TANK THRU THE SECOND COMPARTMENT.

ENGINEER SPECIFICATION GUIDE

GREASE INTERCEPTOR SHALL BE SPECCO ENVIRONMENTAL AQS-500 TANK MANUFACTURED BY NORWESCO. INTERCEPTOR SHALL BE FIVE (5) YEARS LIMITED WARRANTY. MADE IN THE USA OF SEAMLESS, ROTATIONALLY-MOLDED HIGH DENSITY POLYETHYLENE. INTERCEPTOR SHALL BE FURNISHED FOR BELOW GRADE INSTALLATION. INTERCEPTOR SHALL BE BUILT IN ACCORDANCE TO ASME A112.14.3 (TYPE C), WITH INTERNAL FLOW CONTROL, BUILT-IN TEST CAPS. COVER SHALL BE GASKET AND HAVE MAXIMUM H10 LOAD CAPACITY OF 400 LBS.

OPTIONS:

1. MANHOLE EXTENSION 15" AND 24"
2. FLOW CONTROL DEVICE 100 GPM

PLUMBING INSTALLATION

INLET/OUTLET PIPING

KEEP OUTLET PIPING AS STRAIGHT AS POSSIBLE. SPECCO RECOMMENDS INSTALLATION OF 4" (100 MM) TWO-WAY CLEANOUTS ON BOTH THE INLET AND OUTLET IN ACCORDANCE WITH ALL APPLICABLE LAWS, REGULATIONS AND CODES. USE ONLY "SWEEP" CONNECTIONS. DO NOT REDUCE THE PIPE SIZING ON THE OUTLET PIPING. DO NOT INSTALL "P" TRAP ON OUTLET CONNECTION OF SYSTEM. PROPER SEWER LINE VENTILATION IS REQUIRE.

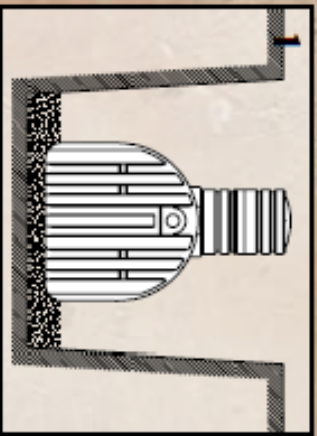
FLOW CONTROLS

SPECCO SYSTEMS CAN BE SUPPLIED WITH A VENTED FLOW CONTROL MODULE. THIS SHOULD BE CONNECTED TO THE INLET OF THE SPECCO UNIT. OPTIONAL

VENTING THE OUTLET

AN OUTLET VENT OF AT LEAST 2" IN DIAMETER MUST BE PRESENT AS CLOSE AS POSSIBLE TO THE SPECCO GT INLET TO PREVENT POSSIBLE ODOR PROBLEMS. THE VENT ON THE INLET PIPING IS TO BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LAWS, REGULATIONS AND CODES. FAILURE TO PROVIDE A VENT FOR THE SYSTEM VOIDS SPECCO LIMITED WARRANTY FOR THE SYSTEM

Underground Tank Installation Instructions



Excavation

- Excavate to a depth that will provide a minimum of 6" and a maximum of 30" of cover over the top of the tank. This will avoid collapse and over-expansion of the tank and possible leakage.
- Allow 12" on both sides and both ends of the tank. Failure to comply with allowance ranges could cause tank collapse.
- Bed the tank in well-packed sand - 6" minimum in soil terrain, 12" minimum in rock terrain. The tank should be installed level.