



TOWN & COUNTRY PLASTICS

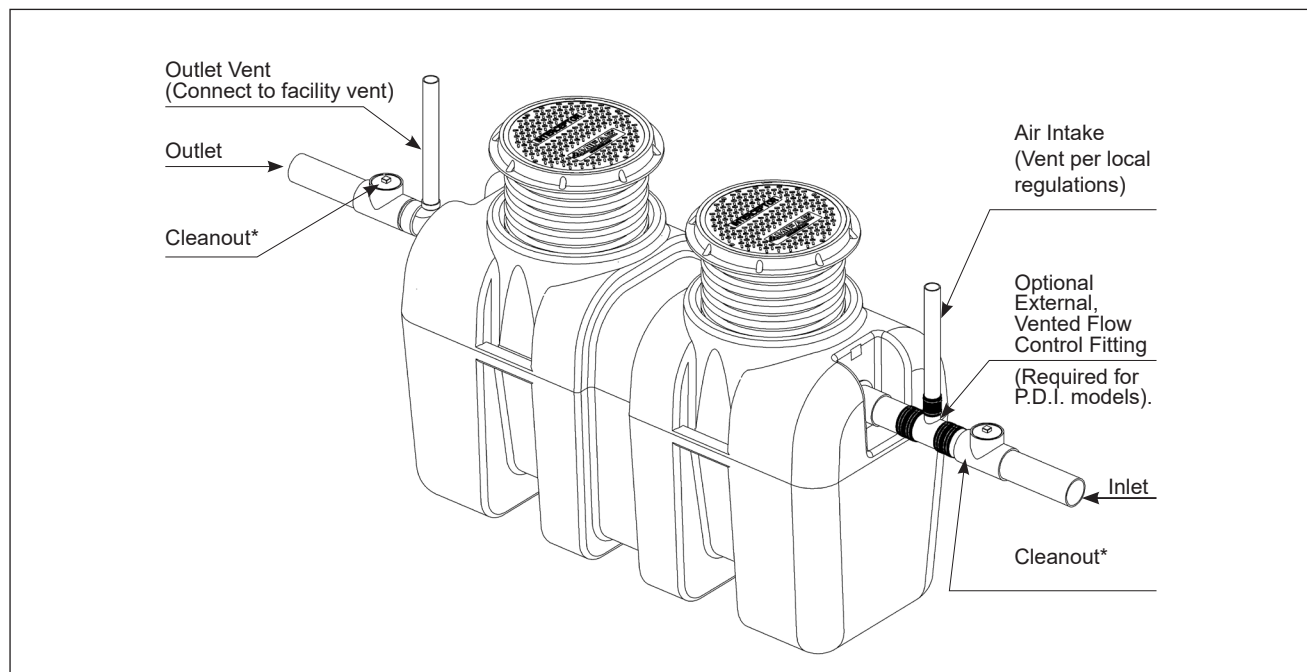
Customized For Precision

XL SERIES BELOW GROUND INSTALLATION

Below Grade Interceptor Installation Considerations

Venting of the XL Series interceptor is recommended by T&C and required for indoor installations.

Vent the XL Series grease interceptor on the inlet side. It is also recommended to vent the outlet side of the XL Series grease interceptor right after the outlet. XL Series solids interceptors do not require the use of an external, vented flow control fitting and should be vented off the inlet and outlet connections.



INTERCEPTOR PLACEMENT

The interceptor should be visible and easily accessible for maintenance and inspection. The XL Series can be installed in a basement, suspended from a ceiling (with a solid steel plate underneath the entire length and width of the interceptor) or in-ground in an exterior location. Ensure that adequate room is provided around the interceptor to allow easy access for a pump truck operator. Ensure that the height above the XL Series access cover is enough to properly service the interceptor.

INLET/OUTLET PIPING

The inlet and outlet piping connections require no hub pipe couplings. Keep outlet piping as straight as possible.

T&C recommends installation of 4" (102 mm) cleanouts on both the Inlet and Outlet of 4" XL Series Interceptors and Solids Interceptors 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 a "P" trap on the outlet connection of system. (Note: The system already has an internal gas trap).

FLOW CONTROLS

XL Series interceptors are supplied with a stainless steel calibrated orifice plate (internal flow control). An external, vented, flow control fitting is required to be installed before the inlet of the grease interceptor to meet the P.D.I. G-101 Standard.

VENTING THE OUTLET

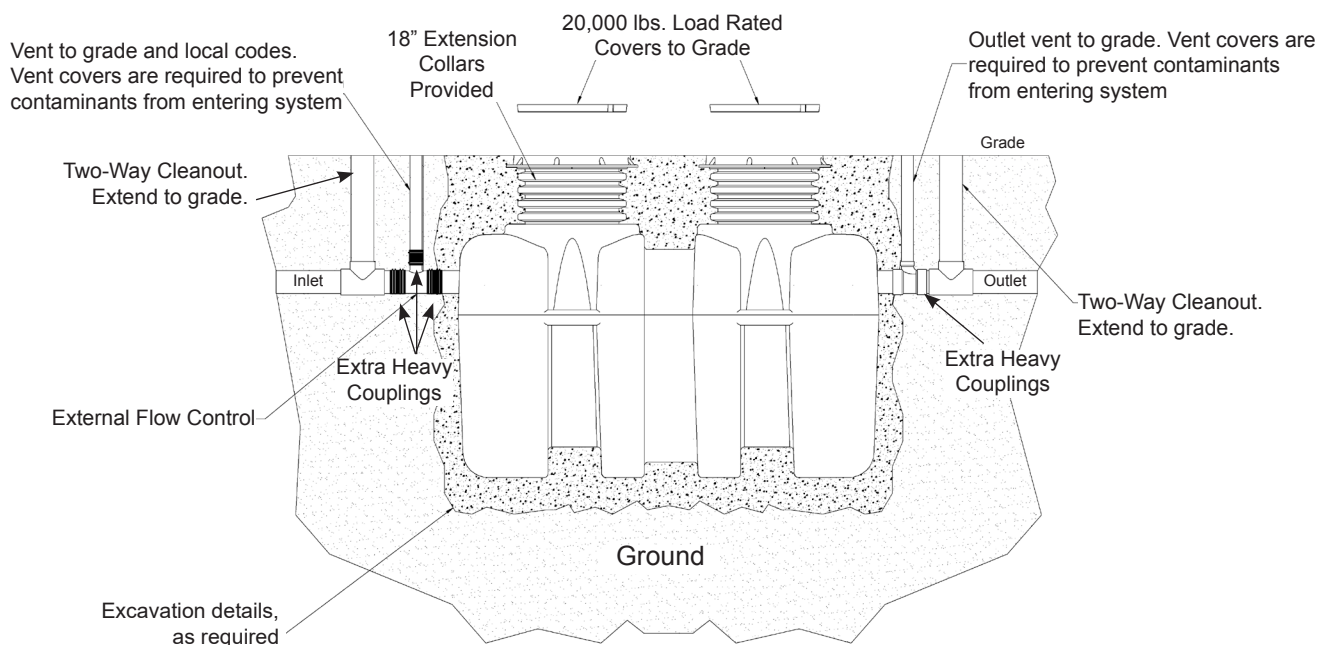
An outlet vent or approved air admittance valve of at least 1/2 the diameter of the interceptor's outlet connection must be installed as close as possible to the Big Max® outlet to prevent possible siphonage problems. The vent on the outlet piping is to be installed in accordance with all applicable laws, regulations and codes. Failure to provide a vent for the interceptor voids T&C Warranty for the system.

RECOMMENDED EXCAVATION, BACKFILLING, AND FINISHING FOR T&C INTERCEPTORS

- A. Install the interceptor(s) as close as practical to the fixtures being served.
- B. The excavation must be a minimum of 12" greater on all sides of the tank.
- C. The depth of the excavation must be greater than 6" on the bottom of the interceptor.
- D. Fill the interceptor with water prior to backfilling in order to prevent the interceptor from floating.
- E. Fully install the double wall corrugated pipe and lid prior to backfilling.
- F. Concrete or finishing material requirements is to be determined by the specifying engineer.
- G. Encase the interceptor in well-packed 3/4" rock, or sand.
- H. To prevent float out; the Anchor kit is recommended for installations in high water table conditions. This is to be determined by the specifying engineer.

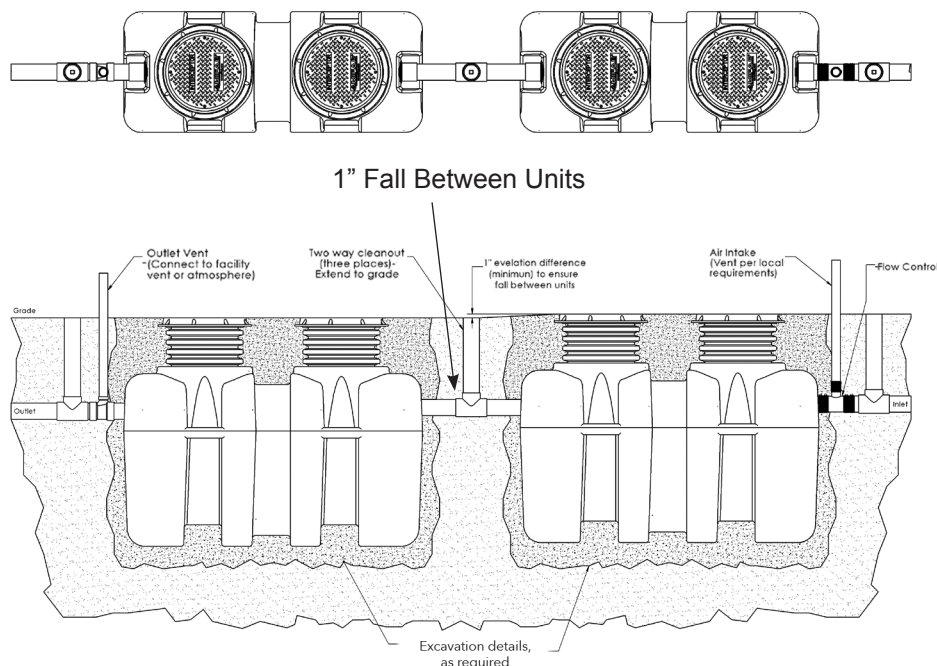
Note: Drawings are for reference only. Equipment must be installed in compliance with all applicable laws, regulations and codes, including plumbing codes. Installation should be done by a licensed plumber.

Typical Below Ground XL Series Installation*



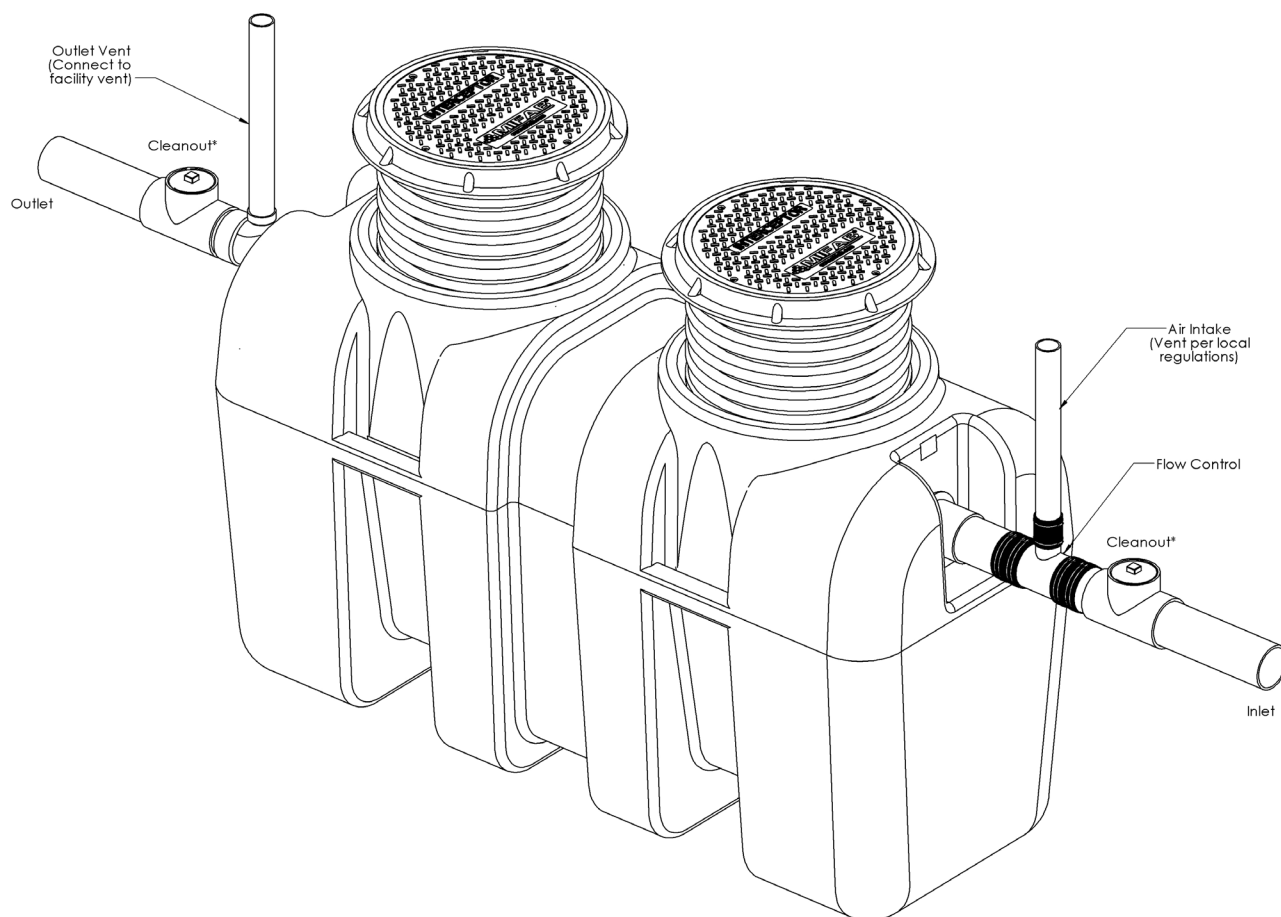
1) XL Series Units come with 18 inches of extension collar. In cases where less than 18 inches is needed the XL Series Collar is designed to be field cut to the desired height. Measure and mark the required height on the extension collar and then cut to the needed height with a Saws All. If more than 18 inches is required additional collar length can be acquired from a local supply house. Simply purchase the required amount of 18 inch diameter ABS pipe and insert into the XL Series. The maximum recommended depth of the collars should be no more than 72".

2) Proper venting is important to unit efficacy. Always vent to grade / atmosphere and in compliance to local codes. Vent covers are required to prevent contaminants from entering system.



When combining more than one XL Series Unit in series or parallel always provide a 1 inch fall or change in grade between units.

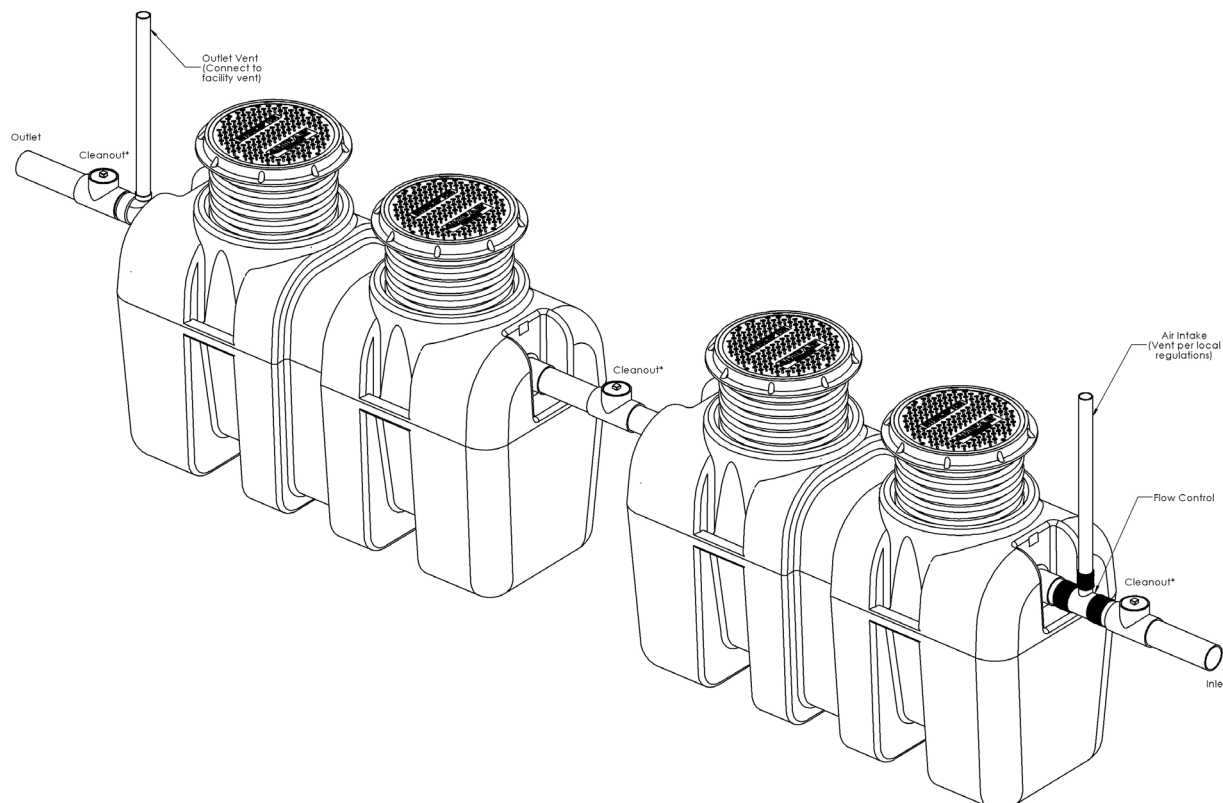
XL Series Configurations/Tools/Connections



Needed Connections		Recommended Tools	
Dual Cleanouts 4"	2	Screw Driver	Pliers
Union 4" w/ 2" outlet	1	Torque Wrench	Tape Measure
Extra Heavy No Hub Couplings 4"	4	Hand Saw	Leveling Device
Extra Heavy No Hub Couplings 2"	1	PVC Cutter	Marker
4" PVC Pipe	Per Design	PVC Cement	Shovel
2" PVC Pipe	Per Design	PVC Primer	

Note: Drawings for general installation reference only and not for a specially identified project. XL Series should be installed in Compliance with all applicable laws, regulations, and codes. Installation by a qualified Plumber or Contractor is highly recommended.

XL Series Configurations/Tools/Connections



Needed Connections		Recommended Tools	
Dual Cleanouts 4"	3	Screw Driver	Pliers
Union 4" w/ 2" outlet	1	Torque Wrench	Tape Measure
Extra Heavy No Hub Couplings 4"	6	Hand Saw	Leveling Device
Extra Heavy No Hub Couplings 2"	1	PVC Cutter	Marker
4" PVC Pipe	Per Design	PVC Cement	Shovel
2" PVC Pipe	Per Design	PVC Primer	

Note: Drawings for general installation reference only and not for a specially identified project. XL Series should be installed in Compliance with all applicable laws, regulations, and codes. Installation by a qualified Plumber or Contractor is highly recommended.