

# NORWESCO WATER AND WASTE MANAGEMENT TANK USES AND CONVERSION OPTIONS

Tank Type	Color	Size (GALLONS)	APPROVED USES			
			Septic Tank	Potable Water	Holding Tank	Pump Chamber
Standard Weight Septic Tank	Yellow	500 -1500	X			
Bruiser Weight Septic/Cistern	Blue	1000/1250/1500	X	X	X	X
Cistern	Natural	600/1200/1400/1700	X	X	X	X
Cistern (Spheres)	Natural	250/325/550		X	X	X
Spherical Pump Tanks	Black	200/300/500			X	X

## TANK CONVERSIONS / FITTING OPTIONS

### **BRUISER TANKS TO CISTERNS:**

Potable water can be stored in a bruiser style tank. The customer can either glue PVC pipe/fittings into the inlet and outlet or plug them with a PVC plug and install their own fittings. Septic adapters cannot be removed; there would be no way to seal the tank. Tees could be cut off if they choose to do so. Norwesco does not offer a gasket for plumbing water in to or out of the tank other than a 4" 61765 kit. Bulkhead fittings can also be used.

### **CISTERNS TO SEPTIC TANKS (600/1200/1400/1700):**

- A. Customers can purchase our septic adapters in either the Schedule 40 weight (63152) or SDR 35 weight (63151). A 5-1/2" hole must be drilled with a bi-metal style hole saw for each adapter. The hole must be drilled at the small cone shaped marks that are molded into the ends of the inlet and outlet. The 3/8" location pin on the flange of the adapter must be cut off and filed flush with the flange. The gasket of the adapter goes on the inside of the tank and can be tightened with a large adjustable type pliers or pipe wrench.
- B. Drill a 5" hole in the ends of the tank at the cone shaped inlet/outlet location marks and install a 4" pipe gasket, use our gasket kit, part number 61765. Other gaskets are available on the market as an option, hole sizes may vary.

The customer is responsible to contact the local code official and install the plumbing tee lengths and weights per the requirements.

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## **TANK CONVERSIONS / FITTING OPTIONS (continued)**

### **USE OF PUMP CHAMBERS AS A SEPTIC TANK**

This is not a legal application in any State. If the customer wants to know how to plumb the tank they can use the 61765 gasket kit for the inlet and outlet or a 63151 or 63152 septic adapter for each the inlet and outlet end. We have no recommendations for tee lengths. They would follow the same procedure as converting a cistern to a septic tank on the inlet and outlet end.

## **PLUMBING OPTIONS**

### **PLUMBING CISTERNS (250/325/550-Gallon Spherical Tanks):**

Up to a 1-1/2" bulkhead fitting can be installed anywhere on the tank, keep the spacing at 12 inches on center or greater for multiple fittings. At the inlet and outlet area, septic adapters for 4" PVC pipe, gasketed connections for up to 4" ABS or PVC pipe or up to a 3" bulkhead fitting can be installed. On the bottom of the tank, where the pump base is located, you can install up to a 2" fitting if it is centered on the base.

### **PLUMBING CISTERNS (600/1200/1400/1700 Gallon Ribbed Tanks)**

Up to a 1-1/4" bulkhead fitting can be installed on the outside of any rib, keep the spacing at 12 inches on center or greater for multiple fittings. At the inlet and outlet area, septic adapters for 4" PVC pipe, gasketed connections for up to 4" ABS or PVC pipe or up to a 3" bulkhead fitting can be installed.

## **GENERAL NOTES**

- Yellow and Black septic tanks, with the exception of the 200, 300 and 500 gallon spherical tanks cannot be left empty. They should be refilled immediately when pumped for normal maintenance.
- Blue BRUISER tanks and white cistern tanks should remain at least one fourth full at all times.
- Spherical 200, 300 and 500-gallon pump tanks can be left empty.
- It is highly recommended that when installing Schedule 40 weight pipe into a gasketed connection that the ends of the pipe be chamfered and a pipe lubricant be used. This will greatly reduce the force needed to insert the pipe through the gasket in the tank wall.