

POLYETHYLENE SLIMLINE TANKS

Ultra slim tanks for narrow, out of the way spaces.

**STAND UP OR LAY FLAT – WILL PASS THROUGH STANDARD DOORWAYS
INSIDE OR OUTSIDE – EASY INSTALLATION – FREE UP SPACE FOR OTHER USES**

FEATURES:

- ★ **Lightweight food-grade polyethylene**
(meets FDA Reg. 21 CFR 177.1520(c)3.1)
- ★ **Tough, long-lasting and easy to handle**
- ★ **Seamless construction**
– will not leak or corrode
- ★ **UV stabilized for outside use**
- ★ **Environmentally safe**

SLIMLINE TANKS FOR RAINWATER HARVESTING:

- Reduces demand for city water, trucked water or well water
- Perfect for the urban gardener
- Water for toilets, washing machines, car washing
- Less space protrusion than most rain barrels
- Volume equivalent to 6-8 rain barrels
– up to 50% saving in space and cost
- Easy connection of filters, pumps, piping and additional fittings

OTHER USES FOR SLIMLINE TANKS:

- Standby storage for fire suppression
- Low performing wells
- Water and sewage holding for portable buildings



SO WHAT'S WITH THE HOLES?

Most water storage tanks are round, which helps the polyethylene material withstand gravity pressure from the water in the tank. The round shape converts the internal pressure to a pure tensile force in the tank wall causing no bulging or distortion.

Rectangular tanks are space-efficient but prone to bulging caused by the internal pressure pushing on the flat sides. This tendency can be reduced by increasing the wall thickness, or contained by a frame. Both remedies add cost.

A third and simpler method is to 'tie' opposite flat sides together so they hold each other from bulging. In very slim tanks this is done by molding holes through the tank from front to back. The material around the hole must be sufficient to withstand the tension caused by the bulging pressure. In other tank designs, large flat areas between the holes will still bulge causing additional stress and potential failure.

The innovative design of the Premier Slimline Tank converts bulging forces into evenly distributed pure tensile forces in the material over most of its surface area, thus avoiding bulging and stress concentrations. The result is a unique tank that keeps its shape.

VOLUME			MODEL NO.		DIMENSIONS inches (mm)				FILL/ACCESS DIAMETER inches (mm)	OUTLET DIAMETER inches (mm)	LOADED WEIGHT lbs (kg)
US Gal.	Imp. Gal.	Litres	USA	CANADA	Depth	Height	Width	Hole			
320	270	1220	SLU 320	SL 270	17.8 (450)	75.5 (1920)	75.5 (1920)	12 (300)	12 (300)	1 (25)	2900 (1230)
410	340	1540	SLU 410	SL 340	21.7 (550)	75.5 (1920)	75.5 (1920)	12 (300)	12 (300)	1 (25)	3600 (1640)

Notes: Exact measurements may vary.
Freestanding tanks must be secured with safety strap.
Water for drinking must be tested and purified for consumption.



**Look for the PREMIER label of quality.
PREMIER PLASTICS ... Good solid tanks!**



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