

300 Newmarket Road

Water Containment and control plan

Currently, rainwater from the roof of our 1008sf home contacts asphalt shingles, deposits into a standard gutter and downspout system and is transferred to the immediate ground below the downspout, running over grass. The majority of the downspouts are located on the river end of the structure and there is little foundational planting to absorb the water.

Based on a 1" storm, the present roof sheds 628 gallons of rainwater, none of which is deliberately controlled or contained.

Under the proposed variance request, the new footprint (1746sf of impermeable area) sheds 1088 gallons of rainwater in a 1" storm. With our proposed runoff system, rainwater will be both contained and controlled, using stored water for gardens and significantly reducing our usage of well water.

Our plan is to capture 99% of all rain water from storms producing 1" of rain and less. We will install 5 or more of the 210 gallon rain barrels as described below, running downspouts directly into the catch barrels. 5 of these barrels will hold a total of 1050 gallons of rainwater at one time. Each barrel system will have a programmable timer with pump which allows the barrels to be pumped as needed to areas of the property such as vegetable and perennial gardens. Foundational plantings will be installed to hide the barrels. These plantings will also help absorb any overflow of rainwater should storms over 1" occur.

During winter months where water may freeze, the systems will not operate. The downspouts will be routed so that melt water from roofs will run to the far end of the property, towards the garage (furthest from the river), allowing water more time to be absorbed where possible. Gutters will slope away from the river as opposed to towards the river as they do now.

Additionally, there are significant opportunities to plant native groundcover, shrubs and other vegetation in the buffer zones which will improve erosion control.

3P Technik
Model # 9000128
Internet # 204492001
210 Gal. Jumbo Rain Water Tank



Open Expanded View

Click to Zoom



\$627.00 /pallet(lift)



Ship to Home
Estimated Arrival:

PRODUCT OVERVIEW

Model # 9000128
Internet # 204492001

The 3P Technik Jumbo Rain Water Storage Tank is a high capacity option for your above ground rainwater storage. These modular wall tank can be connected together with a 3P Technik Connection kit, allowing you to store as much water needed for any home, business or municipal use. With a slim shape, smooth surface fit and huge capacity of 210 Gal., this vertical tank is a perfect addition to any landscape or home. Water storage is easy and compact as this tank as it is smaller than most refrigerators and has a great modern look. There is a 3/4 in. brass thread for tap connection located on the front at a convenient height for filling watering cans or attaching a hose and on the sides at the bottom, to fit either a pump or connect to other tanks. The tank has been designed for filling with the 3P Filter Collector or can be modified for use with any of the 3P Technik filter collection. A wall bracket is supplied with the tank for stability.

- Extra UV stable and weather resistant
- 1 x 3/4 in. tap connector
- 2 x 3/4 in. tank interconnecting points
- Supplied with metal retention bracket
- Connect tanks together easily with the 3P 3/4 in. tank to tank set (9000326)
- 3P filter collector available and sold separately
- German made, very high quality construction

Info & Guides

- **Installation Guide**

You will need Adobe® Acrobat® Reader to view PDF documents. [Download](#) a free copy from the Adobe Web site.

SPECIFICATIONS

DIMENSIONS

Product Depth (in.)	23.62	Product Width (in.)	31.5
Product Height (in.)	70.4		

DETAILS

Capacity (gallons)	210	Material	Brass
Color/Finish	Black	Product Type	Tanks
Diverter Kit Included	No	Returnable	90-Day

WARRANTY / CERTIFICATIONS

Manufacturer Warranty	1 Year Warranty (a) All New Goods carry a 1 year RTB (Return To Base) warranty unless otherwise stated in writing, commencing from the date of issue of Invoice by 3P Technik. (b) All Second Hand Goods carry no warranty unless otherwise stated in writing.
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Easy to Install In-Ground Automatic Sprinkler System



\$169.00 /each

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- Waters your lawn automatically the whole season
 - Eliminates constant hassling with hose and sprinkler adjustments
 - Attaches to your outside faucet and installs in one afternoon