

Parts & Accessories > Tanks: Fuel, Water, Vacuum > Clean Storm 156894, 50 Gallon Heavy Duty Polyethylene Square Water Tank, 3/4in Outlet, Sprayer & Storage

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Model Number: 156894

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Manufacturer: Clean Storm

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Description

The Clean Storm 156894 is a 50 gallon heavy-duty square-ended polyethylene water tank designed for fluid storage, pest control sprayers, pressure washing setups, and carpet extraction rigs. Featuring UV inhibitors, ribbed structural supports, a 5" molded fillwell, and dual gallon indicators, this high-density poly tank provides reliable liquid containment in demanding mobile and industrial applications.

Features

- Heavy-Duty Polyethylene Construction: Molded from high-grade polyethylene for impact resistance and compatibility with a wide variety of liquids.
- UV Inhibitor Protection: Formulated with premium ultraviolet inhibitors to extend service life during prolonged outdoor sunlight exposure.
- Structural Ribbed Reinforcement: Features integrated exterior ribs and built-in supports for maximum wall strength under full load capacity.
- Convenient 5-Inch Fillwell: Includes a 5" molded-in fillwell with a 5" vacuum break cover to simplify filling and prevent tank collapse during fluid drawdown.
- Standardized 3/4" Outlet Fitting: Equipped with a molded 3/4" FNPT threaded outlet fitting for easy connection to pumps, valves, and plumbing lines.
- Agitation Mounting Flat Spots: Designed with flat mounting spots on both tank ends to accommodate mechanical or jet agitation assemblies.
- Dual Volume Indicators: Molded gallon volume markings on both end and side walls permit rapid liquid level monitoring at a glance.
- Proudly Made in the USA: Manufactured to high quality standards for heavy commercial and industrial fluid handling applications.

Applications

- Pressure Washing & Window Cleaning Rigs: Serves as a compact buffer or supply water tank for truckmounted and trailer-mounted pressure washers.
- Carpet Cleaning & Restoration Rigs: Ideal fresh water supply tank for professional carpet extraction systems and mobile cleaning setups.
- Agricultural & Lawn Care Sprayers: Suitable for mounting on utility vehicles (UTVs), trailers, and skids for chemical sprayers and liquid fertilizer application.
- Pest Control & Turf Management: Holds liquid pesticide, herbicide, and pest management solutions in mobile spray rigs.
- Industrial & Commercial Water Storage: Heavy-duty utility water container for construction sites, detail shops, and washdown operations.

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Specifications

Brand
Clean Storm

Model / Part Number
156894

Capacity
50 Gallons (approx. 189 Liters)

Material
High-Density Polyethylene (HDPE) with UV Inhibitors

Tank Shape
Square-Ended Horizontal / Rectangular Skid Design

Overall Dimensions
38" L x 19" W x 22" H

Outlet Fitting Size & Type
3/4" Female NPT Threaded Outlet

Fillwell Opening & Cap
5" Molded Fillwell with 5" Vacuum Break Vented Cap

Agitation Flat Spots
Located on both end walls (for jet or mechanical agitation installation)

Volume Markings
Molded gallon indicators on side and end walls

Country of Origin
USA

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Cross-Reference SKUs

Clean Storm 156894

CS-156894

156894

CS156894

50GAL-SQ-TANK

50G-POLY-SPRAY-TANK

Tips and Additional Information

Installation & Mounting Guidelines: Secure the tank using heavy-duty hold-down straps rated for liquid cargo. Ensure the mounting surface is smooth, flat, and free of sharp edges or debris that could puncture or deform the tank bottom under load.

Plumbing & Thread Sealing Practices: When installing plumbing components into the 3/4" NPT fitting, use specialized plastic-compatible thread sealant paste or PTFE tape (3 to 4 wraps). Hand-tighten external fittings, followed by 1 to 1.5 extra turns with a wrench. Over-tightening metal NPT fittings into polyethylene boss threads can split the plastic housing.

Pre-Installation Inspection & Venting: Inspect the tank interior for shipping debris before initial filling. Always verify that the 5" vacuum break cap vent function is unobstructed prior to operation to prevent pump cavitation or tank collapse under rapid discharge.

Frequently Asked Questions

Q: What are the exact dimensions of the Clean Storm 156894 50-gallon tank?

A: The tank measures 38 inches Long by 19 inches Wide by 22 inches High, making it ideal for compact mounting on trailers, truck beds, or carpet cleaning skids.

Q: What size is the outlet fitting on this tank?

A: The tank comes equipped with a pre-molded 3/4" NPT threaded outlet fitting located near the base for easy connection to pumps, suction lines, or drain valves.

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Q: Can I install a jet or mechanical agitation system in this tank?

A: Yes. The tank features engineered flat spots on both end walls specifically designed to facilitate the mounting of mechanical or jet agitation assemblies.

Q: Is this tank safe for outdoor use in direct sunlight?

A: Yes, the polyethylene body is molded with ultraviolet (UV) inhibitors designed to protect the material from sun degradation and brittleness during outdoor commercial use.

Warranty & Safety Information

Manufacturer Warranty: Covered by standard manufacturer warranty against defects in materials and structural workmanship under normal operational conditions.

Safety & Void Conditions: Warranty coverage does not extend to tanks subjected to improper mounting (e.g., uneven surfaces or over-tightened tie-down straps causing hull deformation), chemical incompatibility (e.g., fuels, solvents, or concentrated acids not rated for HDPE), over-pressurization, structural alterations, or overtightening of NPT pipe fittings causing outlet thread cracking. Always ensure fluid weight capacity matches trailer/vehicle payload ratings prior to transport.

Availability: This product was added to our catalog on Monday 20 February, 2012