

GAMAJET[®]

CLEANING SYSTEMS, INC.

Product Data Gamajet E-Z8 Tank Cleaner



A faster, easier way to clean tanks.

The new Gamajet E-Z8 provides the SAME flow as traditional, larger tank cleaners, but this new unit is lighter, shorter, and narrower— for much easier entry and maneuverability. The E-Z8 offers unparalleled ease of handling in a wide variety of tank cleaning applications.

Safe Easy Handling – Smaller in diameter than any other fluid driven unit with similar flow characteristics. No power assists required. Fits through small openings while maintaining the flow required to clean larger vessels. Light weight, smaller size makes unit easy to move and handle. Manufactured in the USA for reliability, technical support, and easy service.

Durability – New generation sealed gear technology provides up to double the life compared to current flo- thru lubrication design.

Efficient – State of the art gearing, individually designed stators and nozzles, and proper lubrication insure maximum service life and cleaning efficiency.

Easy access to all working parts – Standard sizes and minimum number of connections assure simple maintenance. All parts in stock and available on short notice for shipment from our US factory.

Compatibility – Offers more choices for O-ring material to allow for greater fluid compatibility when using harsh chemicals.

Economical – Develops a pattern that is twice as tight as other larger tank cleaners, insuring a complete scouring of every square inch of a vessel with minimum use of energy and cleaning solutions.

OPERATING PARAMETERS

Material of Construction:	316 Stainless Steel
Nozzle sizes:	1/4", 9/32", 5/16", 3/8", 7/16", and 1/2"
Stators:	Large, Small, and LM
Weight:	15 lbs.
Length:	11"
Minimum Entry Opening:	4 3/4" Dual Nozzle, 6 3/4" Triple Nozzle
Inlet Connection:	1 1/2" NPT-Female / 2" Quick Disconnect Male
Flow Range:	25 to 130 gallons per minute
Pressure Range:	20 to 1000 psig
Pattern Coverage:	1 1/2° Dual Nozzle, 1° Triple Nozzle
O-ring Materials:	Viton®, EPDM, Zalak®, Kalrez®
Minimum Full-Cycle Time:	8 minutes

Call us toll free at **800-585-3930**

Viton®, Zalak®, and Kalrez® are registered trademarks of DuPont Dow Elastomers

Hotsy Cleaning Equipment Inc.

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P R O D U C T D A T A

Gamajet E-Z8

Inlet Connection:	1½" NPT-Female / 2" Quick-Disconnect Male.
Construction - Design:	Parts are machined from 316-L Stainless Steel investment castings or bar stock.
Impeller & Final Shafts:	For increased wear resistance, the input and output shafts are plasma-sprayed with a Chromium Oxide coating on Stainless Steel.
Shaft & Gearbox Bushings:	Input shaft thrust is absorbed by a Tungsten carbide bushing. Gearbox bushings are carbon-filled Teflon or other non-cupric material.
Bearings:	Bearings in the rotating tee and nozzle housings are self-lubricating, carbon-fiber-reinforced polyphenylene sulfide.
Bearing Cups:	Main body castings are protected by replaceable 316-L Stainless Steel cups for extended frictional wear life.
Static Seals:	O-Ring materials are selected for each application. Viton is standard with Kalrez, Zalak and EPDM available. Other materials can be supplied on special order.
Dynamic Seals:	Rotary shaft and housing seals are spring-loaded, double-lipped and made of PTFE. They are reinforced for extra long wear and protection against leakage, abrasion and deposit build-up.
Nozzles:	Standard nozzle sizes: ¼" (6.35 mm), 9/32" (7.14 mm), 5/16" (7.94 mm), 3/8" (9.53 mm), 7/16" (11.11 mm), ½" (12.10 mm). Other nozzle sizes available upon request.
Drive Mechanism:	The wash fluid enters the Gamajet at the inlet collar where it encounters and spins turbine blades. The turbine blades are attached to the top of the input shaft, the bottom of this shaft is connected to the inside of a sealed, planetary gear head which then turns the body in the horizontal plane and the nozzles in the vertical plane.
Planetary Gear Head:	The sealed planetary gear head has an external casing made of steel, surface-anodized to become stainless. This sealed gear head is located inside the gearbox, which itself is sealed, and thus does not require any lubricant. All internal parts are hardened sintered steel, the end caps and output shaft are stainless steel.
Lubricant:	A lithium soap-based grease is inside (Calypsol SF3-097) the sealed gear head casing. Food grade lubricant can be supplied. No customer-supplied or user-maintained lubricant is needed.
Operating & Maintenance:	Complete operating and maintenance procedures are covered in a detailed instruction manual furnished with all machines. Ready availability of in-stock spare parts or kits, and the ease of on-site maintenance minimize the need for costly factory repairs. Prompt factory overhaul or repair service is always available. Replacement parts and service kits are stocked year round. Special 24-48 hour delivery available upon request at no extra charge.
Warranty:	Gamajets are warranted for eighteen months from the date of shipment against any defects in workmanship or materials. Normal maintenance parts such as O-rings, bearings, bushings, and seals are not included under this warranty, nor is damage caused by dropping, use of destructively corrosive fluids, or other abuse. This warranty shall not apply to any malfunction resulting from use of non-Gamajet replacement parts purchased from any source other than Gamajet or an authorized Gamajet distributor. For full details, see Gamajet "Terms and Conditions of Sale".

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