

GAMAJET[®]

Product Data
Gamajet Aseptic 6
Tank Cleaner

CLEANING SYSTEMS, INC.



Permanently installed aseptic impingement tank cleaner.

The revolutionary new Gamajet Aseptic 6 is designed for permanent installation and to provide true **germ and bacteria-free cleaning** to meet the demands of the beverage, food, pharmaceutical and personal care products industries.

The design of the Aseptic 6 completely eliminates all areas for potential bacteria growth making it **ideal for sanitary cleaning applications**. Variable flow rates and a consistent 360 degree spray pattern ensure reproducible and repeatable cycles that provide thorough and verifiable cleaning.

Its compact size fits through a standard 3" sanitary fitting, and its light weight makes for easy handling and maneuverability. The Aseptic 6 is patent-pending and represents the first validateable method of providing **true aseptic tank cleaning from a permanently installed impingement cleaner** for sanitary applications.

- Designed for permanent installation
- Sanitary design (no catch areas to retain product or cleaning solutions that may cause product contamination)
- Fluid driven, no external motor
- High performance at low flow rates
- Fast, low cost, reliable operation
- Readily passes through a standard 3" sanitary opening
- Made in the USA

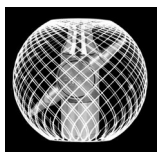
Operating Range:

- **Pressure:** 10 to 400 PSI (0.7 to 27.2 bar)
- **Temperature:** 32° to 200°F (0° to 93.33° C)
- **Flow Rate:** 5 to 40 GPM (18.93 to 151.42+ lpm)
- **Wash Cycle Time:** 10 minutes

Dimensions:

- **Height:** 7.875" (20.00 cm)
- **Body Diameter:** 1.75" (4.45 cm)
- **Overall Width:** 2.70" (6.86 cm) including Nozzle Housing
- **Clearance:** 2.80" (7.11 cm) minimum passageway I.D.

Weight: 4 pounds (1.81 kg)



1-877-426-2538

1 - 8 7 7 - G A M A J E T

604 Jeffers Circle • Exton PA 19341 • Telephone: (610) 408-9940

Fax: (610) 408-9945 • email: sales@gamajet.com • website: <http://www.gamajet.com>

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Gamajet Aseptic 6

Inlet Connection:	Connections include 1 1/2" Butt Weld or 1" Slip-Joint and Retaining Clip.
Construction - Design:	Parts are machined from 316-L Stainless Steel investment castings or bar stock.
Input & Final Shaft:	For increased wear resistance, the input and output shaft is 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 Polyetheretherkeytone.
Bearings:	Bearings in the rotating tee and nozzle housings are self-lubricating, Polyetheretherkeytone.
Bearing Cups:	Main body castings are protected by replaceable 316-L Stainless Steel cups for extended frictional wear life.
Nozzle Carrier:	Dual or triple nozzle
Nozzles:	0.125" (3.18 mm), 0.135" (3.43 mm), 0.150" (3.81 mm), 0.165" (4.19 mm), 0.187" (4.75 mm), 0.200" (5.08 mm), 0.225" (5.71mm), and 0.250" (6.35 mm) orifice diameters; .125" to .250" nozzles are standard. Other nozzle sizes are 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 flow-through, planetary gearhead which then turns the body in the horizontal plane and the nozzles in the vertical plane.
Planetary Gearhead:	The flow-through planetary gearhead incorporates all stainless steel components.
Lubricant:	The Gamajet Aseptic 6 is a <i>non-lubricated, contaminant-free</i> unit and does not contain any lubricants. No customer-supplied or user-maintained lubricant is needed.
Gear Ratio:	256:1.
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".

