



GAMAJET ASEPTIC 8 TECHNICAL SPECS



Operating Range:

Pressure: 20 to 1000 PSI (1.4 to 69 bar)
Temperature: 32° to 250°F (0° to 121°C)
Flow Rate: 25 to 130 GPM (94.6 to 492 l/min)
Cleaning Radius: 35' (10.67 Meters)
Wash Cycle Time: 8 Minutes
Impact: 40 lbs (18 kg) at 25' (7.5 m)

Clearance:

Pin Drive: Dual: 8.5" (215.9 mm)
Triple: 7.75" (196.85 mm)
Clutch Drive: Dual: 4.75" (120.65 mm)
Triple: 6.75" (171.45 mm)

Benefits:

Sanitary design
Long-lasting
Easy maintenance
Powerful

Overall Dimensions:

Height: 11" (279.4 mm)
Body Diameter: 2.88" (73.152 mm)
Weight: 15 lb (6.8 kg)

Other Specifications:

Inlet Connection: 1.5" TC, 1.5" Slip-fit (R-Clip), 1.5" NPT-Female / 2" Quick-Disconnect Male, 2" FNPT

Construction/Design: Parts are machined from 316-L Stainless Steel investment castings or bar stock.

Impeller and Final Shafts: For increased wear resistance, the input and output shafts are plasma-sprayed with a Chromium Oxide coating on Stainless Steel.

Shaft and Gearbox Bushings: Input shaft thrust is absorbed by a Tungsten carbide bushing. Gearbox bushings are food grade PPS 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. Food Grade EPDM is standard, Viton® with Kalrez®, Zalak® available. Other materials can be supplied on special order.

Nozzles: Standard nozzle sizes 1/4" (6.35 mm), 9/32" (7.14 mm), 5/16" (7.94 mm), 3/8" (9.53 mm) and 7/16" (11.11 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 flow-thru planetary gearhead which then turns the body in the horizontal plane and the nozzles in the vertical plane.

Planetary Gearhead: The flow-thru planetary gearhead has an external casing made of stainless steel. All gears are stainless steel. The gear bushings are a food grade PPS. The wash fluid is circulated through the gearbox to lubricate, clean, and take away heat from the internal gears.

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 and bearings and 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, like Central States Industrial. For full details, see Gamajet "Terms and Conditions of Sale."

