Sanitary tank cleaner fits through 50mm (2”) opening

Alfa Laval Gamajet A2

Application
Designed to fit through a 5.08 cm (2”) sanitary fitting, the Alfa Laval Gamajet A2 is the perfect alternative to time-intensive spray balls and costly manual cleaning. Made of FDA compliant materials, this device is flow-through in design, meaning it requires no grease or oil in the gears. Compact and efficient, the Alfa Laval Gamajet A2 allows for space saving while maintaining the impact, durability, and range required for optimal rotary impingement tank cleaning in sanitary environments.

Working principle
The Alfa Laval Gamajet A2 tank cleaning device combines pressure and flow to create high impact cleaning jets. Cleaning occurs at the point at which the concentrated stream impacts the surface. It is this impact and the tangential force that radiates from that point which blasts contaminants from the surface, scouring the tank interior. In conjunction with this impact, the device is engineered to rotate in a precise, repeatable and reliable, 360° pattern. This full-coverage, global indexing pattern ensures the entire tank interior is cleaned, every time.

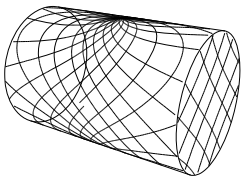
TECHNICAL DATA

Lubricant	Self-lubricating
Max. throw length	4 - 5 m (12 - 14 ft.)

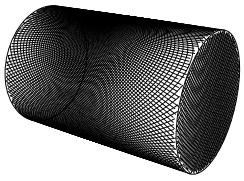
Pressure

Working pressure	2.75 - 14 bar (40 - 200 PSI)
Recommended pressure	4 - 10 bar (50 - 150 PSI)

Cleaning Pattern



First Cycle



Full Pattern

The above drawings show the cleaning pattern achieved on a cylindrical horizontal vessel. The difference between the first cycle and the full pattern represents the number of additional cycles available to increase the density of the cleaning.

Certificate
2.1 material certificate

PHYSICAL DATA

Materials
316L, PPS, PTFE, FKM (EPDM and FFKM available).

Temperature

Max. working temperature	95°C (203°F)
Max. ambient temperature	140°C (284°F)

Weight	2.26 kg (5 lbs.)

Connections

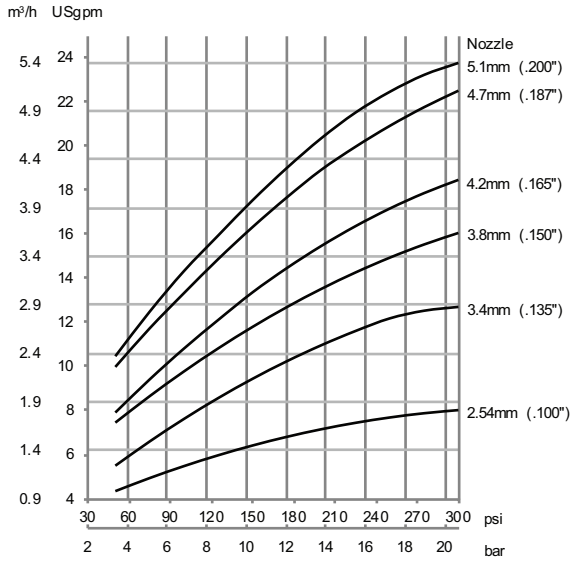
Standard thread	1.5” Tri-Clover,
Available option	¾” NPT, 1” Tri-Clover, 1½” TUBE

Options
Electronic rotation sensor to verify 3D coverage.

Caution
Do not use for gas evacuation or air dispersion.

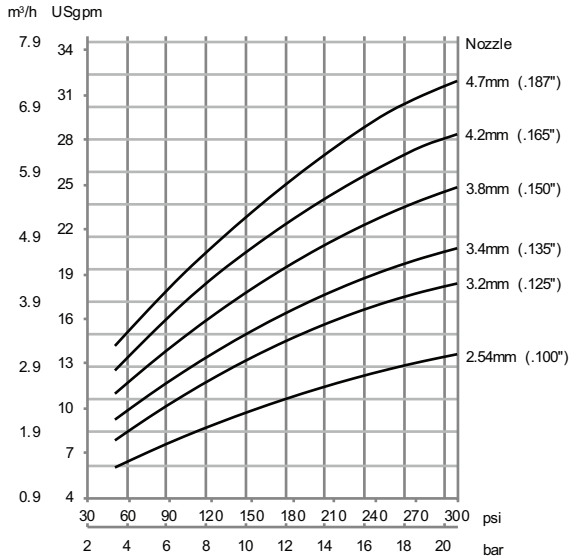
Disclaimer: Information in this product data leaflet is intended for general guidance purposes. Specific data for device selection and sizing is available upon request.

Flow Rate (2 nozzle)



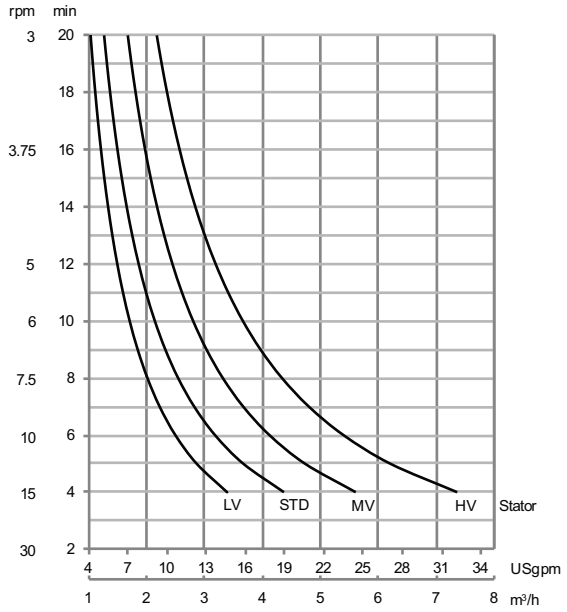
Inlet pressure

Flow Rate (4 nozzle)

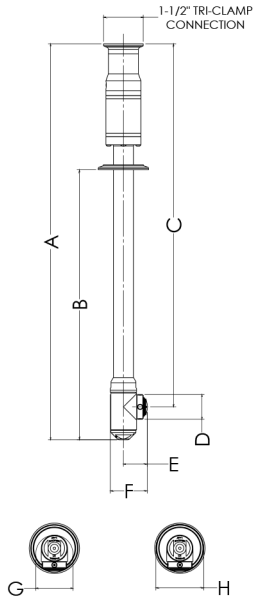


Inlet pressure

Cleaning Time



Dimensions



	A	B	C	D	E	F	G	H
mm	503	343	431	31	30	47	47	61
in	19.8	13.5	18.1	1.2	1.2	1.9	1.9	2.4

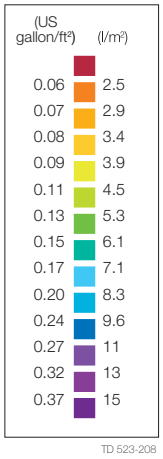
Standard Design

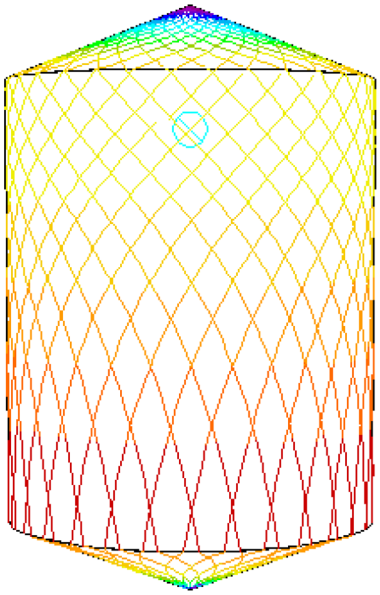
The choice of nozzle diameters can optimize jet impact length and flow rate at the desired pressure. As standard documentation, the Alfa Laval Gamajet A2 can be supplied with a “Declaration of Conformity” for material specifications.

TRAX simulation tool

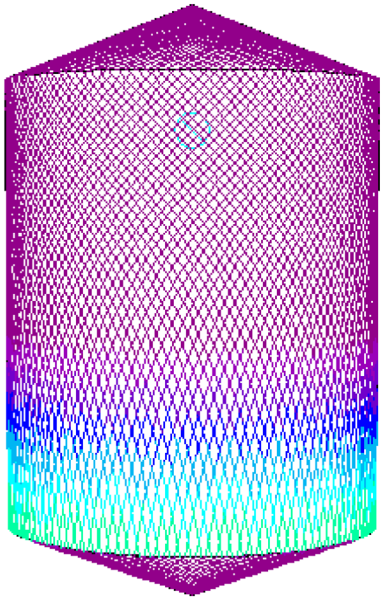
TRAX is a unique software that simulates how the Alfa Laval Gamajet A2 performs in a specific tank or vessel. The simulation gives information on wetting intensity, pattern mesh width and cleaning jet velocity. This information is used to determine the best location of the tank cleaning device and the correct combination of flow, time, and pressure to implement.
A TRAX demo containing different cleaning simulations covering a variety of applications can be used as a reference and documentation for tank cleaning applications. The TRAX demo is free and available upon request.

Wetting Intensity





D2.2m(85”), H3.6m(140”), 2x3.81mm (2xØ3/16”) Time = 2 min.



D2.2m(85”), H3.6m(140”), 2x3.81mm (2xØ3/16”) Time = 8 min.

Alfa Laval reserves the right to change specifications without prior notification. ALFA LAVAL is a trademark registered and owned by Alfa Laval Corporate AB.

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