

AQUIS™ (ASG) PVDF DI WATER SPRAY GUN



Features & Benefits

- The AQUIS DI Water Spray Gun provides suitability for high purity and corrosive applications
- All wetted surfaces are injection molded high purity, virgin PVDF or precision machined, Modified PTFE
- The proven piston / poppet component, precision machined from modified PTFE, provides all the sealing functions while offering exceptional cycle life.
- No O-ring or elastomeric seals
- Removable/ reversible hanger component
- An Interchangeable dispensing head is available for the standard spray head
- Self-draining spray head reservoir, eliminates stagnate water
- Available connection options include 1/4" female NPT, 3/8" female NPT and 3/8" flare tube
- Other options include coiled or straight tubing of different sizes and materials and a completely re-circulating model

Product Overview

The **AQUIS** DI Water Spray Gun provides for the dispensing of high purity & corrosive media. Applications include: Distilled, Deionized, RO, Ultra Filtrated Water and Chemical Dispensing. The design features a precision molded, all virgin high purity PVDF body, and a one piece multi-purpose sealing component precision made of Modified PTFE material which isolates the flow to a pure path while performing the off sealing function. The excellent flexibility of this sealing component provides exceptional cycle life. All wetted surfaces are PVDF and Modified PTFE, eliminating any o-ring or other elastomeric seals. The Aquis DI Water Spray Gun is available with any of 3 inlet connections, 1/4" Female NPT, 3/8" Female NPT or 3/8" Flare. Other options include coiled tubing of different sizes and materials as well as a completely recirculating model (See Model ARSG).

Technical Data

Features

Process Medium	High Purity & Corrosive Liquids (e.g. Deionized Water, All Grades)
Operating Pressure	1 psi ... 150 psi (8.2 bar)
Process Temperature	0° F ... +200° Fahrenheit (Fluid)
Flow Data*	0 ... 2.8 GPM, Full Open @ 80 psi
Codes & Standards:	ARRA Section 1605 "Buy American" Compliant ASME A112.18.1M

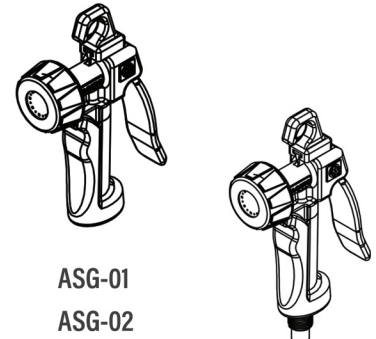
Mechanics / Construction

Inlet Connections	1/4" Female NPT, 3/8" Female NPT, or 3/8" Flare
Wetted Components	Spray Gun Body: 100% Virgin PVDF Diaphragm Poppet: Modified PTFE
Non-Wetted Components	Lever Handle: Black PVDF Hanger Hook: Black PVDF Spring: 316 SS

Ordering Information

Model ASG - Aquis PVDF DI Water Spray Gun

Part Number	Description
ASG-01	PVDF Aquis Spray Gun, 1/4" Fem NPT Inlet Thread
ASG-02	PVDF Aquis Spray Gun, 3/8" Fem NPT Inlet Thread
ASG-03	PVDF Aquis Spray Gun, 3/8" Flare Tube



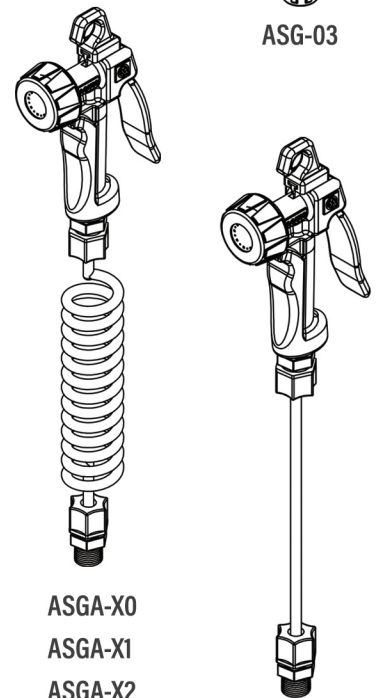
ASG-01
ASG-02



ASG-03

Model ASGA - Aquis PVDF DI Water Spray Gun Assemblies (with Hose)

Part Number	Gun	Hose	Transition Fitting	Supply Fitting
ASGA-10	ASG-01	C2-FEP	JC3-22	JC3-22
ASGA-11	ASG-01	C2-PU	JC3-22	JC3-22
ASGA-20	ASG-02	C3-FEP	JC3-33	JC3-33
ASGA-21	ASG-02	C3-PU	JC3-33	JC3-33
ASGA-22	ASG-02	C3-PFA	JC3-33	JC3-33
ASGA-23	ASG-02	S3-PTFE	JC3-33	JC3-33
ASGA-30	ASG-03	C3-FEP	N/A*	FF-33M
ASGA-31	ASG-03	C3-PFA	N/A*	FF-33M
ASGA-33	ASG-03	S3-PFA	N/A*	FF-33M



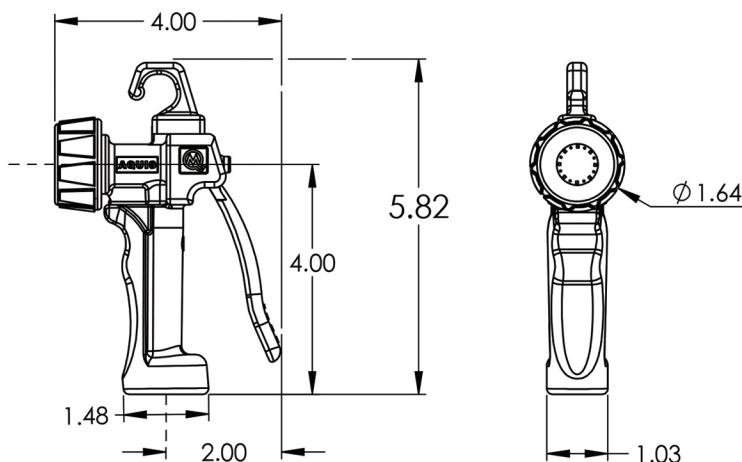
ASGA-X0
ASGA-X1
ASGA-X2
ASGA-X3

*Transition fitting is not provided, 3/8" flare tube connection is integrally molded to the body (see ASG-03 drawing).

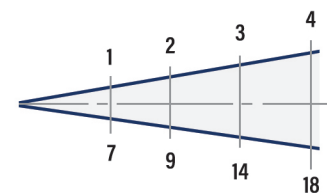
Notes: (1) Custom configurations are available, please contact us at (866) 452-2349 for further info.

(2) Coil Stretch Lengths: PU will stretch to 10 Ft, FEP will stretch to 7 Ft, & PFA will stretch to 7 Ft

Dimensional Data (inches)



Spray Pattern
Distance From Spray Head (Feet)



Spray Pattern Diameter (Inches) @ 80 psi