

AQUIS™ (ADG) PVDF DI WATER DISPENSE GUN



Features & Benefits

- The AQUIS Dispensing Gun provides for the dispensing of high purity or corrosive liquids.
- All flow path 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
- A dispensing cap / nozzle provides a longer spout for discharging into small or large containers without splashing or spilling.
- 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.

Product Overview

The AQUIS Dispensing Gun provides for the dispensing of high purity or corrosive liquids. A dispensing cap / nozzle provides a longer spout for discharging into small or large containers without splashing or spilling. 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 flow path surfaces are PVDF and Modified PTFE, eliminating any o-ring or other elastomeric seals. The Aquis Dispensing 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.

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

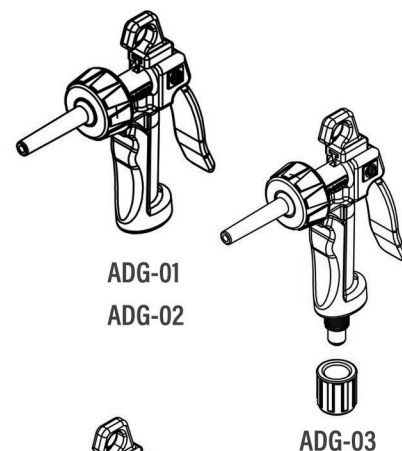
Mechanics / Construction

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 ADG - Aquis PVDF Dispense Gun

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



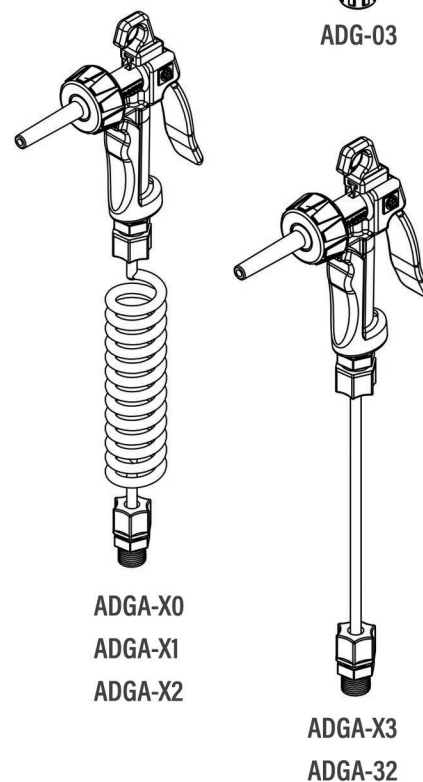
Model ADGA - Aquis PVDF Dispense Gun Assemblies (with Hose)

Part Number	Gun	Hose	Transition Fitting	Supply Fitting
ADGA-10	ADG-01	C2-FEP	JC3-22	JC3-22
ADGA-11	ADG-01	C2-PU	JC3-22	JC3-22
ADGA-20	ADG-02	C3-FEP	JC3-33	JC3-33
ADGA-21	ADG-02	C3-PU	JC3-33	JC3-33
ADGA-22	ADG-02	C3-PFA	JC3-33	JC3-33
ADGA-23	ADG-02	S3-PTFE	JC3-33	JC3-33
ADGA-30	ADG-03	C3-FEP	N/A*	FF-33
ADGA-31	ADG-03	C3-PFA	N/A*	FF-33
ADGA-32	ADG-03	S3-PFA	N/A*	FF-33

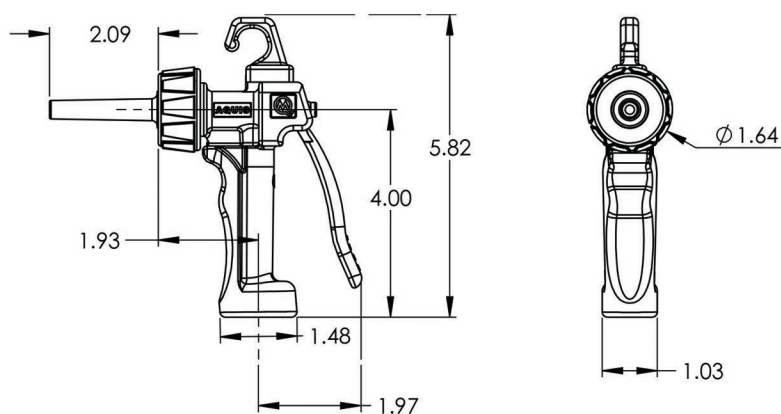
*Transition fitting is not provided. 3/8" flare tube connection is integrally molded to the body.

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)



Flow

Flow Data

H2O @ 70 PSI

