



Better by design.

DIAPHRAGM VALVES • PINCH VALVES • SAMPLING VALVES • STAINLESS STEEL

American made. Quality engineered. Industry trusted for thirty years.

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The Aquasyn Difference

Aquasyn exists to eliminate compromise in sanitary-process components. That compromise has two sources, both invisible at procurement and both expensive when they surface in the field.

Design compromise

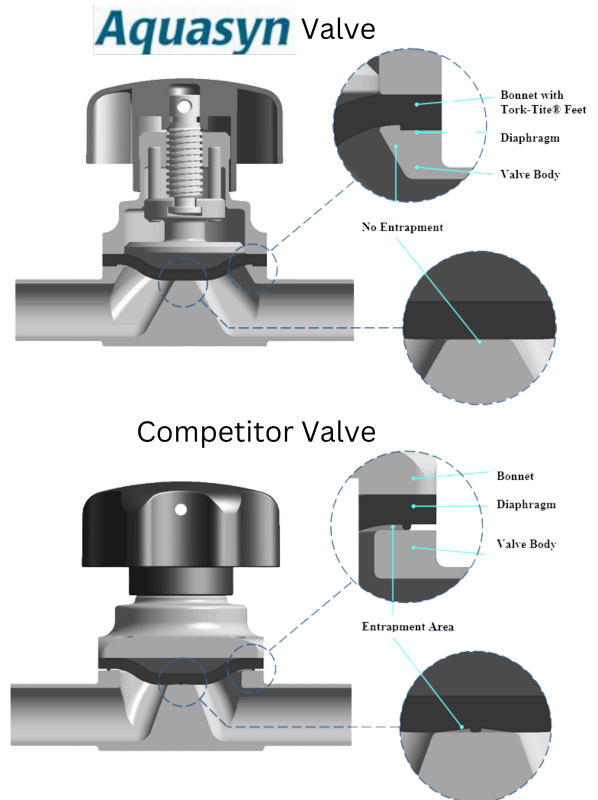
Most "sanitary" components are industrial parts adapted for high-purity service. The adaptations hide flaws in geometry, materials, and finish.

Surfaces as: contamination events, dead-leg residue, validation failures, premature wear, audit exposure.

Build compromise

Even when the design is right, broad-line manufacturers produce inconsistently. A part meets spec on paper but a different one fails in the field.

Surfaces as: failed lots, supplier surprises, validation re-runs, supply-chain risk.



CROSS-SECTION • AQUASYN (TOP)
VS STANDARD INDUSTRY BONNET •
ENTRAPMENT GEOMETRY COMPARED

DESIGN INTEGRITY

Blank-sheet engineering for sanitary purpose. Tork-Tite® feet, integral sealing ridge, precision-molded diaphragm.

BUILD QUALITY

Consistent in-house manufacturing. One workshop, one engineering team, full documentation traceability on every part.

CUSTOMER VOICE

"I only buy Aquasyn because the quality is like no other."

PROVEN OVER THIRTY YEARS

One founder, one workshop, one engineering team since 1996. The proof is in the fielded equipment, the patents, and the institutions that documented the work.

30

YEARS IN
OPERATION

1996

FOUNDED •
CARSON CITY,

2013

SMITHSONIAN •
BIRTH OF

2018

NNDA SILVER
FORGE AWARD

EST. 1996 • CARSON CITY, NV



Engineered heritage

STAINLESS • MULTI-USE

ESTONIA, EUROPE • CARSON CITY, NV



Forward bioprocessing

SINGLE-USE • NEXT GENERATION

×

■ THE THESIS

Two brands. Aligned engineering. One thirty-year story.

In 2026, Aquasyn and Alphinity aligned operationally. Aquasyn engineered in Carson City, Nevada • Alphinity split across Estonia, Europe and Carson City, Nevada. Shared engineering depth, complementary roadmaps. The catalog you're holding stays Aquasyn • stainless heritage, the components on the spec for thirty years. Alphinity covers what comes next: single-use components, fragile modalities, intensified processing.

AQUASYN • 01

30 YR

Stainless heritage • multi-use

Diaphragm valves, ARTêVA® pinch valves, sample and bleed valves, tank bottom, Zero Static, custom fabrication. The trust signal procurement and QA recognize. American-made, on the spec for thirty years.

ALPHINITY • 02

SINCE 2019

Forward bioprocessing • single-use

Single-use components and systems for fragile modalities, intensified processing, and scale-up. The forward voice on the science. Pixier® pump heads, VannX™ motorized valves, Vannefold™ manifolds, TFFi™.

TOGETHER • COMBINED SCOPE

30 yrs

ENGINEERING
HERITAGE

12+

FLAGSHIP
PRODUCT LINES

2

SISTER BRANDS •
NV + EU

1

ALIGNED ROADMAP

CARSON CITY • ESTONIA

THE ALPHINITY PORTFOLIO

DETAIL • ALPHINITY.IO



AQUASYN.COM • ALPHINITY.IO



04

Two-Way Valves

A standard diaphragm valve, redesigned for less maintenance, longer diaphragm life, and an environment where contamination can ruin millions of dollars of pharmaceuticals. US-manufactured, standard and custom, stocked in the USA for over 30 years.

■ CONFIGURABLE	
SIZES	1/4" · 3/8" · 1/2" · 3/4" · 1" · 1½" · 2" · 2½" · 3" · 4"
BODY MATERIALS	316L stainless · Hastelloy® · AL-6XN® · titanium (custom)
DIAPHRAGM	EPDM · PTFE-faced/EPDM · Silicone · Viton
END CONNECTIONS	Sanitary clamp · autoweld · threaded · custom (full list p. 23)
FINISH	10Ra · 15Ra · 20Ra · 25Ra · electropolished options
ACTUATION	Manual · pneumatic · eMaxion™ electric · submersible



TWO-WAY FAMILY • 1/4 IN TO 4 IN

For complete ordering, see p. 23-24

Configurations available with manual, pneumatic, or eMaxion actuation; standard or block body; optional zero-static, GMP, or sterile-access port arrangements.

STANDARD FEATURES				
01 • BODIES	02 • BONNET	03 • SEALING	04 • DIAPHRAGM	05 • GEOMETRY
100% compliant with FDA 21 CFR 312.61	Torque-Tite® fasteners on every bonnet	Integral Sealing	Precision-	Optimum self-
machined bar-	on every bonnet	Integral Sealing	Precision-	Optimum self-

Diaphragm materials and certifications

All Aquasyn diaphragms are precision-molded to tight tolerances, crafted from approved materials, and shipped with full lot traceability and Certificates of Conformance.



DIAPHRAGM RANGE • EPDM AND PTFE • 1/4" THROUGH 4"

MATERIALS

MATERIAL	BEST FOR	AVOID FOR
EPDM	WFI, water, general sanitary, broad pH	Aggressive solvents, mineral oils
PTFE-faced (TFM 1700) / EPDM	Aggressive chemistries, wide chemical compatibility	Repeated high-frequency cycling under high pressure
Silicone	High-temperature service, FDA food and pharmaceutical contact	Solvent and hydrocarbon service
Viton	Solvent service, low extractables, hydrocarbon compatibility	Strong amines and ketones

CERTIFICATIONS

- USP Class VI
- ASME-BPE

PRECISION-MOLDED DIAPHRAGMS • USP • FDA TIT 21 CFR 177.2600

SERVICE AND LONGEVITY

Molded in the open position for long service life. Designed to be paired with

• FDA • ASME-BPE •

06

Manual Actuation • Bonnet Assemblies

Engineered for long, trouble-free service. All internal parts machined to exacting tolerances. Tork-Tite® feet on every corner and compressor to hold the diaphragm in fixed position for zero-leakage closure.

STANDARD FEATURES

- Less than 1 turn fully open to fully closed
- Patented Tork-Tite® feet • zero-leakage closure
- Fully formed compressor matches weir profile for tight shut-off
- Fixed internal travel stops • repeatable position
- Stainless steel internals • readily cleanable exterior
- Ergonomic performance plastic handwheel • fully autoclavable

VARIANTS

- **Standard manual bonnet.** The workhorse.
- **O-ring sealed manual bonnet.** For applications with washdown or external contamination concerns.
- **Submersible bonnet.** Patent-pending. Designed for biopharm CIP cleaning protocols where the assembly may be fully submerged during cycle.

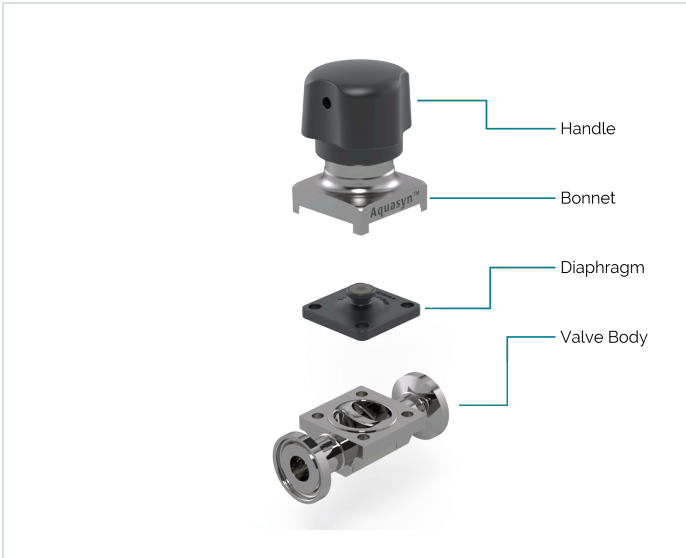
DIMENSIONS

SIZE	A (HEIGHT)	B (WIDTH)
1/4"-3/8"	2.25"	1.25"
1/2"	3.00"	2.00"
1"	4.25"	3.20"
1 1/2"	5.63"	4.20"

MANUAL BONNETS • STANDARD • O-RING • SUBMERSIBLE



MANUAL BONNET ASSEMBLY • AQUASYN
BRANDED • TORK-TITE FEET VISIBLE
AT BASE



EXPLODED VIEW • HANDLE / BONNET /
DIAPHRAGM / VALVE BODY

Pneumatic Actuation

Compact, lightweight pneumatic actuators with the same Tork-Tite® feet and precision internals as the manual line. Spring-return or double-acting, basic on/off through fine modulating control.

FEATURES

- Compact, lightweight performance plastic housings
- Choice of spring-return or double-acting operation
- Precision stainless internals
- O-rings machined and molded to tight tolerances
- Selected limit-switch options
- Banjo-mount solenoid options
- NAMUR adaptor available
- High cycle life
- Integral controlled travel stop

POSITIONER

For modulating control, the electro-pneumatic positioner provides closed-loop positioning of the actuator. The device includes a feedback / position transducer, an electro-pneumatic conversion stage, and a microprocessor electronic system. Compatible with the full pneumatic line.

FOR APPLICATIONS THAT NEED

- On/off control with proven cycle life
- Existing compressed-air infrastructure
- Fail-safe (spring-return) positioning



PNEUMATIC ACTUATION • STEM-STYLE, NAMUR, POSITIONER-EQUIPPED VARIANTS

Pneumatic vs electric

If pneumatic infrastructure isn't already in place, or if you need finer control resolution, the eMaxion® electric actuator may be a better fit. See page 09.

Electric Actuation • eMaxion™ in service

The eMaxion® electric actuator integrated across both the diaphragm and pinch valve families. Drop-in mounting compatibility, cleaner room footprint, sharper control. Same actuator, both valve mechanisms.

COMPATIBLE WITH

- All standard Aquasyn two-way diaphragm valves [sizes TBD by engineering]
- ARTēVA® pinch valves (see p. 10)
- Sterile access / GMP combinations
- Custom assemblies on request

CONTROL OPTIONS

- [Protocol options TBD: Modbus RTU / 4-20mA / digital I/O]
- [Position feedback resolution TBD]
- [Cycle-life rating TBD]

FOR SPECIFIERS

If your facility has limited compressed-air infrastructure, requires finer modulating control than a pneumatic positioner can deliver, or is targeting a quieter cleanroom envelope, eMaxion is the right call. Order codes follow the same scheme as pneumatic actuation; see page 23.



DIAPHRAGM VALVE WITH EMAXION™
ELECTRIC ACTUATOR • DROP-IN MOUNT
ON EXISTING BONNETS

DIAGRAM • RETROFIT PATH

Simple line drawing showing how an existing pneumatic actuator can be swapped for eMaxion on the

ARTēVA® Pinch Valves

A hybrid stainless and single-use pinch valve line. Stainless steel mechanism, single-use flow path. Engineered for applications that need disposable wetted parts without giving up actuation reliability.

ACTUATION OPTIONS

- Manual · standard handwheel for low-cycle service
- Pneumatic · matched to Aquasyn's pneumatic actuator line (see p. 08)
- Electric · eMaxion™ actuator, same as the diaphragm line (see p. 09)

FOR APPLICATIONS THAT NEED

- Disposable wetted parts (single-use compliance)
- Validated tubing compatibility (silicone, TPE, PVC)
- Stainless actuation reliability
- Tight integration with hybrid bioprocess skids

THE HYBRID STORY

ARTēVA® bridges Aquasyn's stainless steel heritage and the single-use modalities customers increasingly run. The actuator and frame are stainless, machined in Carson City to Aquasyn's standard. The flow path is single-use tubing, replaced between batches. The result: single-use compliance with stainless-grade actuation discipline.



ARTēVA® THREE ACTUATION MODES •
SAME 316L STAINLESS PINCH HEAD •
SINGLE-USE DISPOSABLE TUBING

Companion to Alphinity

ARTēVA® is the natural Aquasyn-side complement to Alphinity's single-use systems. Specifiers running hybrid stainless and single-use processes can source both from the same engineering team.

Sterile Access • GMP Combinations

Aquasyn crafts sterile access valves with any conceivable valve-to-valve or valve-to-fitting configuration in the industry. Traditional valve-to-valve or block body styles. Stocked components plus in-house machining, polishing, and electropolishing for short lead times.

WHAT STERILE ACCESS IS FOR

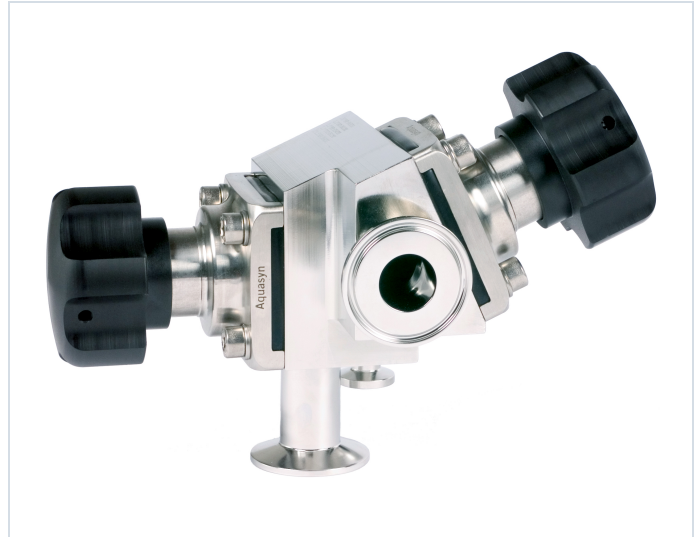
A configurable assembly that provides controlled access into a sanitary process line, typically for sampling, addition, or maintenance, while preserving the sterile boundary. Block body construction minimizes dead legs and maximizes drainability.

FEATURES

- Minimized dead legs
- Maximum drainability
- Configured to specific system layout
- Selection sheet available (see ordering pages)
- Stocked components enable "made-to-order" assemblies
- Short lead times

CONFIGURATIONS

Sterile Access Left (SAL1-SAL6), Sterile Access Right (SAR1-SAR6), Horizontal GMP combinations (HGV1-HGV4), Vertical GMP combinations (VGV1-VGV4). See ordering pages for the full selection chart.



BLOCK-MACHINED STERILE ACCESS • THREE DIAPHRAGM STATIONS ON ONE BODY

CONFIGURATION MATRIX

Visual matrix or grid showing the standard SAL / SAR / HGV / VGV configurations as simplified line drawings, each labeled. Helps specifiers identify the right arrangement at a glance.

Zero Static Tee • Points of Use

Block body design with the tightest bend radii in the industry. True zero-static geometry, completely drainable, fully machined from a single block. Integrated sampling and custom options available.

ZERO STATIC TEE BODIES

- True zero-static design
- Fully machined from block
- Completely drainable
- Readily cleanable exterior; all surfaces sloped and radiused
- Integrated sampling valves and custom options available
- Stocked components enable made-to-order assemblies in short lead times

POINTS OF USE

State-of-the-art block body design with the tightest bend radii in the industry. Aquasyn point-of-use valves integrate into complicated piping geometries where space is at a premium. The design delivers minimal pressure drop and superior system performance.

- Minimized footprint
- Compact centerline dimensions
- Low pressure drop, high flow coefficient (Cv)
- Integrated sampling valves and custom options



ZERO-STATIC TEE BODY • MACHINED FROM A SINGLE BLOCK • AQUASYN ARCHIVE

COMPARISON • ZERO-STATIC VS TRADITIONAL TEE

Side-by-side line drawings: a traditional tee with the dead-leg highlighted in red vs Aquasyn zero-static tee with the clean drain path in aqua. No words needed.

Sample Bottle Assembly

Aquasyn's industry-standard sample bottle assembly with integrated Valbow®. Designed for users who prefer a re-usable component over a disposable one. Bottle sizes, color-coded caps, and custom Valbow® configurations available.

FEATURES

- Bottle sizes from 50ml to 1000ml
- Color-coded caps for sample identification
- Fully autoclavable
- Custom designs available
- Inventory of stocked product
- Industry-standard acceptance across pharma and biotech
- Lightweight design

SERVICE AND INSPECTION

Unlike disposable sampling systems, Aquasyn provides inspection and refurbishment services for sample bottle assemblies. Long lifecycle, traceable maintenance history, lower total cost of ownership.

INTEGRATED VALBOW®

The sample bottle assembly was the original application for the Valbow® integrated valve-elbow (see p. 18). The patented geometry eliminates the fitting that traditional sampling systems require, reducing leak paths and tightening the centerline dimensions.



Custom Fabrication

Application-specific assemblies and exotic materials. Sole-source responsibility from concept through production, with CAE design in SolidWorks and AutoCAD, fully detailed drawings for review, and rapid turnaround.

DESIGN AND PRODUCTION CAPABILITY

- Special end connections, configurations, and material specifications
- Innovative designs that solve application-specific process challenges
- Sole-source responsibility from concept through production
- CAE design in 3D formats • SolidWorks and AutoCAD
- Fully detailed drawings for review and approval
- Rapid customer turnaround on concepts, drawings, and production
- Exotic materials a specialty
- Expert fabrication, welding, and polishing by skilled craft persons
- Advanced machining capabilities

IN-HOUSE MANUFACTURING

- Orbital welding
- Polishing and electropolishing
- High-volume production capability
- State-of-the-art 5-axis machining centers
- Products made in the USA

WHEN TO ENGAGE

Custom fabrication is for the case where standard sizing or configuration won't quite

do the job: an unusual geometry, an exotic alloy, a hybrid assembly combining patented



RENDER • CUSTOM FABRICATION • STAINLESS VESSEL • SIGHT GLASS LOOP • AQUASYN ARCHIVE • RENDER



CROSS FITTING



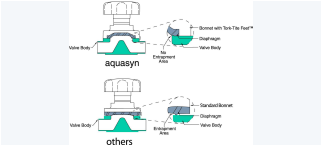
4-WAY



EP10 IN SERVICE

Four patents • four mechanisms

Aquasyn's patents are not marketing decoration. Each one solves a specific failure mode in sanitary process that the industry-adapted alternative does not. The following four pages detail each mechanism.

 Tork-Tite® Feet Controlled-compression diaphragm seating. Eliminates zero-leakage drift. P . 17	 Valbow® Integrated valve-elbow. Eliminates a fitting, eliminates a leak path. P . 19	 eMaxion™ Electric actuator. Cleaner utility footprint, sharper control. P . 20	 Integral Sealing Ridge Sealing ring machined onto body, not bolted on. Zero dead-leg geometry. P . 21
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WHAT THEY HAVE IN COMMON

Each patent comes from a specific customer request that nobody else in the industry would take on. Each one was prototyped, fielded, and refined in the Carson City workshop. Each one is documented and defended in the patent office.



Tork-Tite Feet™

Sealing Ridge

AQUASYN.COM • THE PATENTED PORTFOLIO

Tork-Tite® Feet

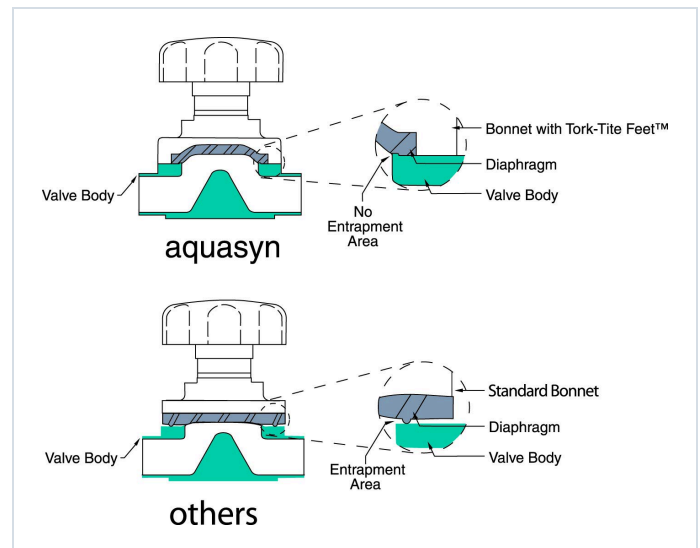
The patented diaphragm-seating system. Holds the diaphragm in fixed position with controlled compression so the joint stays cleaner and the diaphragm lasts longer.

WHAT IT DOES

Tork-Tite® feet are precision-machined contact points on the bonnet corners and compressors. They match the profile of the weir on the valve body to a single-thousandth-inch tolerance. The result: fixed diaphragm position, zero-leakage closure, consistent repeatable flow control.

WHAT IT ELIMINATES

- Diaphragm drift under repeat cycling · less than 1 turn fully open to closed
- Inconsistent compression across the seating face
- Variable closure torque and the leak paths that follow
- Over-compression damage on the diaphragm bead



CROSS-SECTION • AQUASYN WITH TORK-TITE FEET VS COMPETITOR BONNET • ENTRAPMENT AREA HIGHLIGHTED

Designed into

- Manual bonnet assemblies (all sizes)
- Pneumatic actuator bonnets
- eMaxion electric actuator bonnets
- Submersible bonnet variants

Valbow® • integrated valve-elbow

A valve and an elbow, machined as a single body. Eliminates the fitting between them, the leak path that comes with it, and the centerline distance that doesn't.

HOW IT CAME TO BE

The Valbow® was created when a customer brought Aquasyn a request that no one else in the industry wanted to pursue. The solution introduced a new orientation that rethought how valves and elbows could share a body. The result: a space-efficient component that optimizes system design and installation, stocked in a range of sizes.

WHAT IT ELIMINATES

- A separate elbow fitting in the line
- The weld between valve and elbow
- The centerline real estate that fitting requires
- One more leak path, one more validation point

DESIGNED FOR

- Sample Bottle Assemblies (integrated by default)
- Tight-clearance skid layouts
- Point-of-use installations
- Custom hybrid configurations



VALBOW • INTEGRATED VALVE-ELBOW •
1/2 IN • AQUASYN ARCHIVE

Standard sizes (stocked)

[Pending engineering confirmation on current stocked sizes]

eMaxion™ Actuator

The electric actuator engineered for sanitary diaphragm valves. Cleaner utility footprint than pneumatic, sharper control, full lifecycle data.

WHY ELECTRIC, FOR SANITARY

- No compressed-air utility burden in the room
- No air-quality validation required for actuation media
- Finer process control resolution and modulating capability
- Built-in position feedback for closed-loop control
- Quieter, drier, cleaner installation envelope

FOR APPLICATIONS THAT NEED

- Precise modulating control on a diaphragm valve
- Cleanroom installations where air supply is a liability
- Remote or off-grid sites without compressed-air infrastructure
- Hybrid integration with smart-process platforms



RENDER • EMAXION ELECTRIC ACTUATOR • SOLO RENDER • MOUNTED ON AQUASYN DIAPHRAGM VALVE IN SERVICE

Integral Sealing Ridge

The sealing ring is machined directly into the valve body at the flow chamber intersection. Not bolted on, not pressed in, not gasketed. Machined. Geometry is the proof.

WHAT IT IS

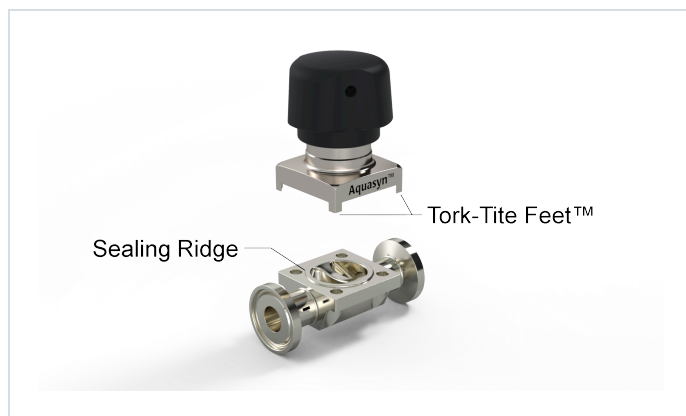
Most diaphragm valves place the primary seal on the diaphragm itself. That works mechanically, but it traps process fluid in the gap between diaphragm and body, and it forces the diaphragm to do double duty (sealing and flexing). Aquasyn moves the seal to the body. The ring is part of the casting, machined to spec, finished in-house.

WHAT IT SOLVES

- Zero entrapment between diaphragm and body
- Consistent repeatable flow without seal drift
- Lower extractables risk (no separate seal material in the flow path)
- Longer diaphragm life (the diaphragm flexes, the body seals)

HOW IT GETS MADE

Single-pass machining on a 5-axis center. Finish: 10Ra to 25Ra (electropolished options available). Every body inspected at the seal interface before assembly.



EXPLODED VIEW • BONNET ABOVE BODY
• INTEGRAL SEALING RIDGE MACHINED INTO THE BODY

COMPARISON INSET

Small inset diagram: industry-standard "seal on diaphragm" approach with the entrapment zone highlighted in red, vs Aquasyn integral sealing ridge with the clean drain path in aqua. Side-by-side, no text needed.

Flow Coefficients

• Cv and self-drain

Cv data for the standard two-way valve family at 100% open, with intermediate percentages for modulating service. Self-drain angles for installation guidance.

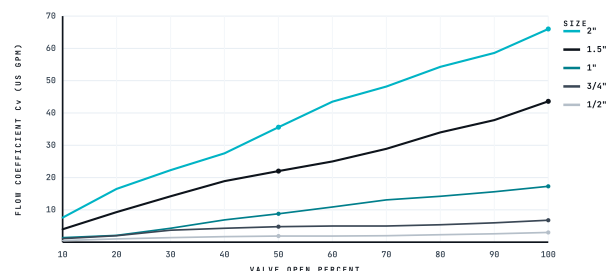
CV DATA • TWO-WAY VALVES (TOLERANCE ±10%, UNITS US GALLONS / MINUTE)

% OPEN	1 / 2 "	3 / 4 "	1 "	1 ½ "	2 "
10%	0.5	1.1	1.4	4.0	7.6
20%	1.0	2.0	2.1	9.3	16.5
30%	1.4	3.7	4.3	14.2	22.3
40%	1.7	4.3	6.9	18.9	27.5
50%	1.9	4.8	8.8	22.0	35.6
60%	1.9	5.0	10.9	25.0	43.5
70%	2.0	5.0	13.1	28.9	48.2
80%	2.3	5.4	14.2	34.0	54.3
90%	2.6	6.0	15.6	37.8	58.6
100%	3.0	6.8	17.3	43.6	66.0

OPTIMUM SELF-DRAIN ANGLES

VALVE SIZE	SELF-DRAIN ANGLE
1/4"	41°
3/8"	30°
1/2"	25°
3/4"	18°
1"	30°
1½"	25°

CV VS VALVE-OPEN PERCENT • 1/2" THROUGH 2" TWO-WAY VALVES



Documentation Packages

Aquasyn ships every part with the documentation that procurement, QA, and validation engineers actually need. Audit-ready, traceable to lot and material, defensible under scrutiny.

Standard documentation

- Material Test Reports (MTRs) for all wetted-surface materials
- Certificates of Conformance for diaphragms
- Surface finish readings (profilometer) on critical surfaces
- ASME BPE chemistry compliance
- Lot traceability for every component

Available on request

- Weld logs for fabricated assemblies
- Electropolish records
- FAT / SAT documentation
- Validation pack templates (IQ/OQ alignment)
- Customer-specific change-control documentation
- Audit support / quality-system documentation

FOR SPECIFIERS

If you need documentation that isn't on this list, ask. Aquasyn's quality system is designed for biopharm scrutiny; the engineering and QA teams are accessible to specifiers and validation engineers directly, not through a sales filter.

A NOTE ON TRACEABILITY

Every Aquasyn part can be traced back to the heat number on the raw material, the operator who machined it, the date it was inspected, and the inspector who signed off. That's the build-quality story, in documentation form.

PHOTO • DOCUMENTATION PACKET

Photo of a typical Aquasyn documentation packet: MTR pages, Certificate of Conformance, surface finish report, neatly stacked or fanned out. Convey rigor and completeness.

Ordering Information

• Two-Way Valves

Aquasyn part numbers are configured by combining codes for valve type, size, material, finish, end connection, and actuation. The codes below cover the standard two-way valve family and its variants.

VALVE TYPE

TYPE	CODE
Straight Thru	A
Tee Body	T
Valbow®	W
GMP Port	GAP1 / GAP2
Sterile Access Port	SAP1 / SAP2
Point of Use	P1 / P2 / P3

SIZE

SIZE	CODE
1/4"	04
3/8"	06
1/2"	08
3/4"	12
1"	16
1½"	24
2"	32
2½"	40
3"	48
4"	64

MATERIAL

MATERIAL	CODE
316L stainless	L
Hastelloy	H
AL6XN	A

FINISH

FINISH	CODE
10Ra electropolished	1
15Ra electropolished	2
20Ra electropolished	3
25Ra electropolished	4
10Ra mechanical	5
15Ra mechanical	6
20Ra mechanical	7
25Ra mechanical	8

ACTUATION

Operation codes for manual, pneumatic, eMaxion electric, and submersible bonnets continue on page 24.

Ordering • Sterile Access, eMaxion, ARTēVA

STERILE ACCESS & GMP COMBINATIONS

CONFIGURATION	CODE
Sterile Access Left 1-6	SAL1 - SAL6
Sterile Access Right 1-6	SAR1 - SAR6
Horizontal GMP Valve 1-4	HGV1 - HGV4
Vertical GMP Valve 1-4	VG1 - VG4

OPERATION / BONNET

OPERATION	CODE
Standard manual bonnet	MB1
O-ring sealed manual bonnet	MB2
Submersible bonnet	MB3
Pneumatic actuator N/O	PA1
Pneumatic actuator N/C	PA2
eMaxion™ electric actuator	EM1 [TBD]

ARTēVA® PINCH VALVES

HOW TO ORDER

1. Combine codes in the order: Valve Type • Size • Material • Finish • Operation
2. Example: **A-08-L-2-MB1** = Straight thru, 1/2", 316L, 15Ra EP finish, standard manual bonnet
3. For Sterile Access / GMP combinations, use the SAL/SAR/HGV/VGV codes in place of the type code
4. For complex or custom assemblies, contact the engineering team directly

CONTACT FOR QUOTES

Standard configurations available from stocked distributors (see back cover). Custom assemblies and exotic-material requests handled by the Aquasyn engineering team directly.

MADE-TO-ORDER LEAD TIMES

Stocked components plus in-house machining and polishing allow most made-to-order configurations to ship within standard industry lead times. Custom assemblies, exotic materials, and large-volume orders quoted on request.

■ SECTION 7 · ORDERING & CONTACT

Distributor network and contact

Sixteen distribution partners across the US, Europe, Asia, and Latin America. Direct engineering engagement for custom and large-volume orders.

DISTRIBUTOR WORLD MAP · PENDING DESIGN

Stylized world map with pins on each of the sixteen distributor locations.
Aqua-bright pin color, muted-grey basemap, no political detail. Pulls
double duty as the website's distributor-locator page.

DISTRIBUTION PARTNERS

US East Northeast · Mid-Atlantic · Southeast	US Central Midwest · South-central	US West West Coast · Mountain · PNW
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