

VALVES



PVA Valves

PVA VALVE

VNE'S MODULAR DESIGN SANITARY PROCESS VALVE

PVA VALVE....

This valve has an all stainless one piece stem which seals against the body O-ring for positive shut off. With this design, no seals, disks, or O-rings are fastened to the stem, which could cause product entrapment.

MODULAR DESIGN....

A modular design is used throughout this entire line of valves.

SANITARY....

With this state of the art design, it allows optimum CIP cleaning of all product contact surfaces.

PVA VALVE....

- Available in 1.5" - 3"
- Made from T316L Stainless Steel
- Offered as EPDM Standard with Viton® and Silicone options.
- Available in Shut off, Divert, and Tank Outlet Configurations.
- Available with Clamp, Weld, Bevel Seat, and E-Line connections. Other connections are available upon request.
- Available in manual or air actuated. An electronic control head can be used with these air operated valves.

PVA ACCESSORIES....

- Micro switches with Solenoid Valve 110 or 24 volt.
- Indicating lights for open and closed position.
- Tank Bottom Adapter - For Tank Outlet Valve



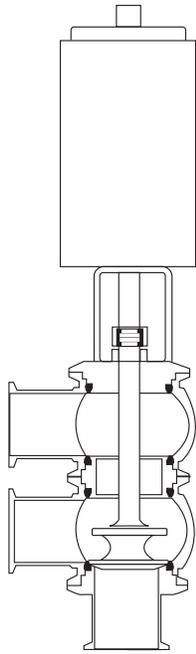
PVA ACTUATOR....

- Maintenance free
- Instantly reversible from normally open (NO) to normally closed (NC) or vice versa.
- Instant assembly of electronic control head.
- Two size Actuators: 4" diameter for 1 1/2" and 2" valves. 5" size for 2 1/2" and 3" valves. Made from T304 Stainless Steel.
- Position indicator stem on top of actuator shows open or closed position.
- Operating Air Pressure range 72 - 108 PSI.

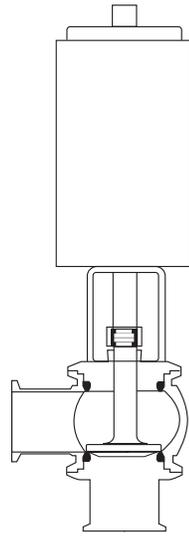
VNE CORPORATION

P.O. Box 1698 • 1149 Barberry Drive • Janesville, WI 53547

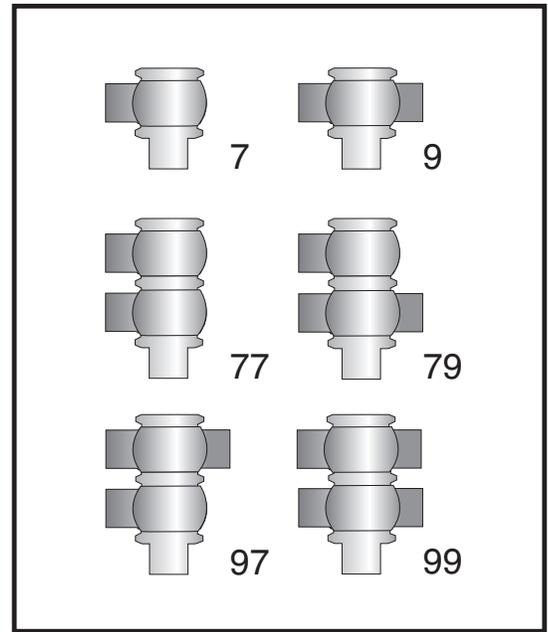
TEL: 608-756-4930 • FAX: 608-756-3643 • 1-800-356-1111 • Web site: vnestainless.com



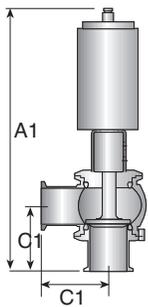
EGPVA-77-NC (NO)-SIZE



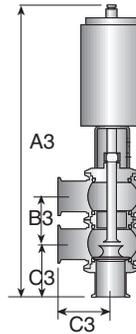
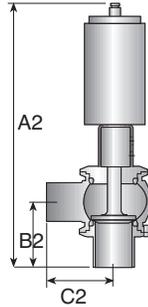
EGPVA-7-NC (NO)-SIZE



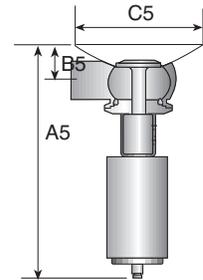
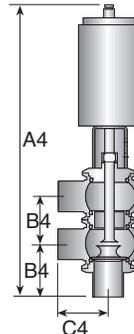
CONFIGURATIONS



SHUT-OFF-VALVE
CLAMP & WELD



DIVERT-VALVE
CLAMP & WELD



TANK-BOTTOM VALVE
WELD

DIMENSION TABLE

SIZE	A1	A2	A3	A4	A5	B2	B3	B4
1 1/2"	15 7/16	14 15/16	18 1/4	17 11/16	15 29/32	2 1/4	2 3/4	2 3/4
2"	16 5/16	15 7/8	19 1/2	19	16 5/16	3	3 1/8	3 1/8
2 1/2"	17 9/16	17	21 1/2	21	17 1/2	3	3 15/16	3 15/16
3"	19	18 1/2	23	22 7/16	18 1/2	3 1/4	4 3/4	4 3/4
SIZE	B4	B5	C1	C2	C3	C4	C5	--
1 1/2"	2 3/8	2 3/8	2 3/4	2 3/4	2 3/4	2 3/4	5 7/8	--
2"	3	2 9/16	3 1/2	3 1/2	3 1/2	3 1/2	5 7/8	--
2 1/2"	3	3 7/32	3 1/2	3 1/2	3 1/2	3 1/2	7 3/32	--
3"	3 1/4	3 13/16	3 3/4	3 3/4	3 3/4	3 3/4	7 7/8	--

SHUT OFF VALVE

EGPVA-7-NC(NO)-SIZE

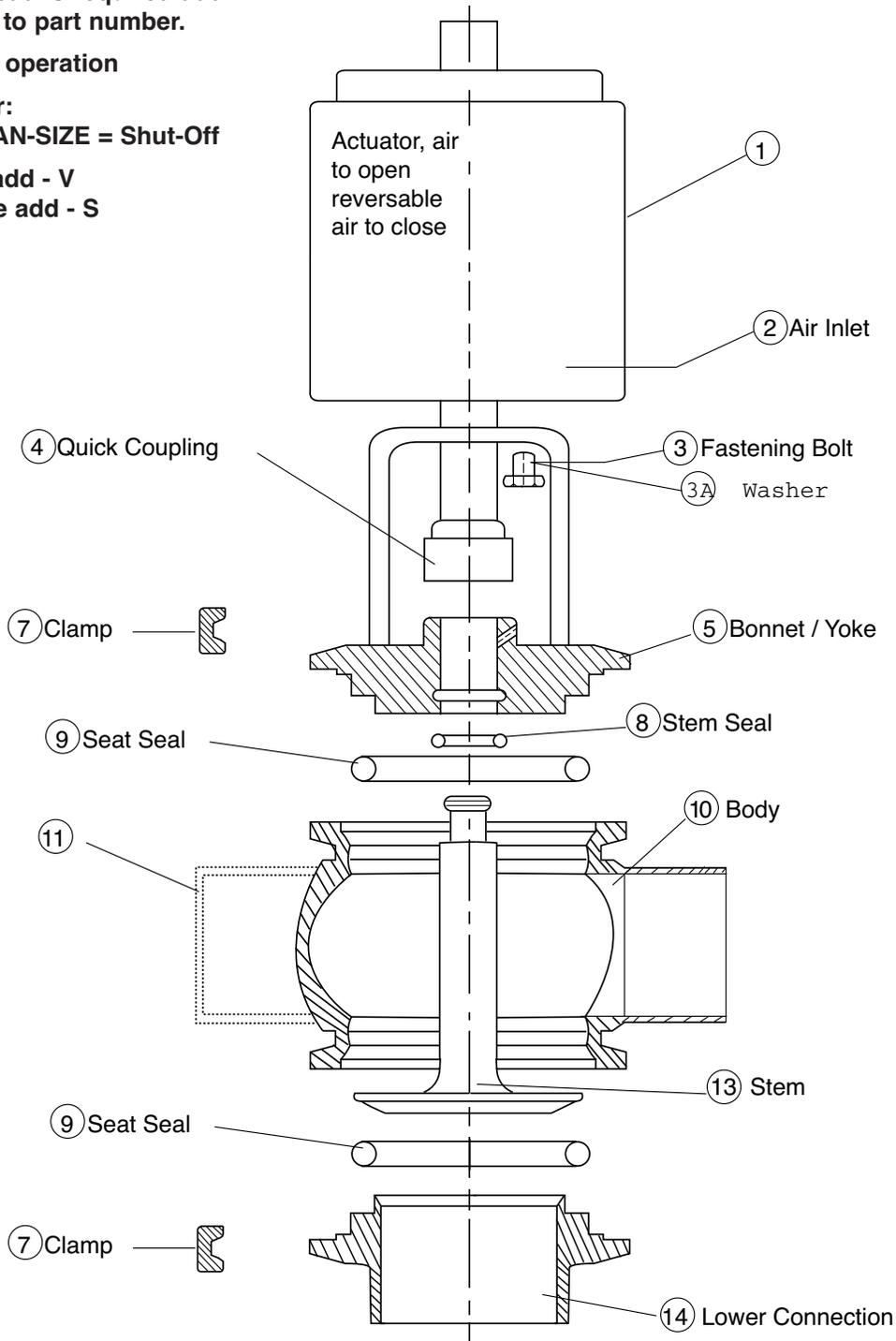
*If control head is required add
110V or 24V to part number.

*For Manual operation

Part Number:
EGPVA-7-MAN-SIZE = Shut-Off

*For Viton® add - V

*For Silicone add - S



TYPE OF PART NUMBER FOR THE COMPLETE VALVE

EPVAP = Bevel

EPVAI = E-line

EGPVA = Clamp

EPVA = Weld

PVA SHUT OFF VALVE

REPLACEMENT PARTS

Item #	Part Number	Description
1.	PVAP-1-NC-(NO)-1.5 & 2.0	4" Actuator is reversible for normally open or normally closed
	PVAP-1-NC-(NO)-2.5 & 3.0	5" Actuator is reversible for normally open or normally closed
2.	PVAP-2-ALL	Air Inlet
3.	PVAP-3-ALL	Fastening Bolt 2 required for 1 1/2" & 2" Valves
		4 Fastening bolts required for 2 1/2" & 3" Valves
3A.	PVAP-3A-ALL	Washer for fastening bolt
4.	PVAP-4-ALL	Quick Disconnect Coupling
5.	PVAP-5-1.5	Bonnet & Yoke for 1 1/2"
	PVAP-5-2.0	Bonnet & Yoke for 2"
	PVAP-5-2.5	Bonnet & Yoke for 2 1/2"
	PVAP-5-3.0	Bonnet & Yoke for 3"
7.	13MHHMD-3.0	Heavy Duty Clamp 3" (For 1 1/2" & 2" Valves)
	13MHHMD-4.0	Heavy Duty Clamp 4" (For 2 1/2" & 3" Valves)
8.	PVAP-8-1.5-2.0 (S)(V)	EPDM, Silicone, or Viton® Stem O-Ring (For 1 1/2" & 2" Valves)
	PVAP-8-2.5-3.0 (S)(V)	EPDM, Silicone, or Viton® Stem O-Ring (For 2 1/2" & 3" Valves)
9.	PVAP-9-1.5 (S)(V)	EPDM, Silicone, or Viton® Seat Seal for 1 1/2"
	PVAP-9-2.0 (S)(V)	EPDM Silicone, or Viton® Seat Seal for 2"
	PVAP-9-2.5 (S)(V)	EPDM, Silicone, or Viton® Seat Seal for 2 1/2"
	PVAP-9-3.0 (S)(V)	EPDM, Silicone, or Viton® Seat Seal for 3"
		EPDM is Standard. For Viton® add V and Silicone add S to the end of the part number. (2 required for Shut-off / 4 required for Divert)
*10.	PVAP-7-10C-1.5	Tee Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-7-10C-2.0	Tee Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-7-10C-2.5	Tee Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-7-10C-3.0	Tee Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
*11.	PVAP-9-11C-1.5	Cross Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-9-11C-2.0	Cross Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-9-11C-2.5	Cross Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-9-11C-3.0	Cross Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
12.	PVAP-12-1.5	Seal Base Adapter 1 1/2" (For Divert Valve Only)
	PVAP-12-2.0	Seal Base Adapter 2" (For Divert Valve Only)
	PVAP-12-2.5	Seal Base Adapter 2 1/2" (For Divert Valve Only)
	PVAP-12-3.0	Seal Base Adapter 3" (For Divert Valve Only)
13.	PVAP-7-13-1.5	Stem for 1 1/2" Shut off
	PVAP-7-13-2.0	Stem for 2" Shut off
	PVAP-7-13-2.5	Stem for 2 1/2" Shut off
	PVAP-7-13-3.0	Stem for 3" Shut off
	PVAP-77-13-1.5	Stem for 1 1/2" Divert Valve
	PVAP-77-13-2.0	Stem for 2" Divert Valve
	PVAP-77-13-2.5	Stem for 2 1/2" Divert Valve
	PVAP-77-13-3.0	Stem for 3" Divert Valve
*14.	PVAP-14C-1.5	Lower Connection (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-14C-2.0	Lower Connection (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-14C-2.5	Lower Connection (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-14C-3.0	Lower Connection (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)

***TYPE OF CONNECTIONS: C = Clamp W = Butt-Weld B = Bevel Seat Thread E = E-Line Female**

DIVERT VALVE

EGPVA-77-NC(NO)SIZE

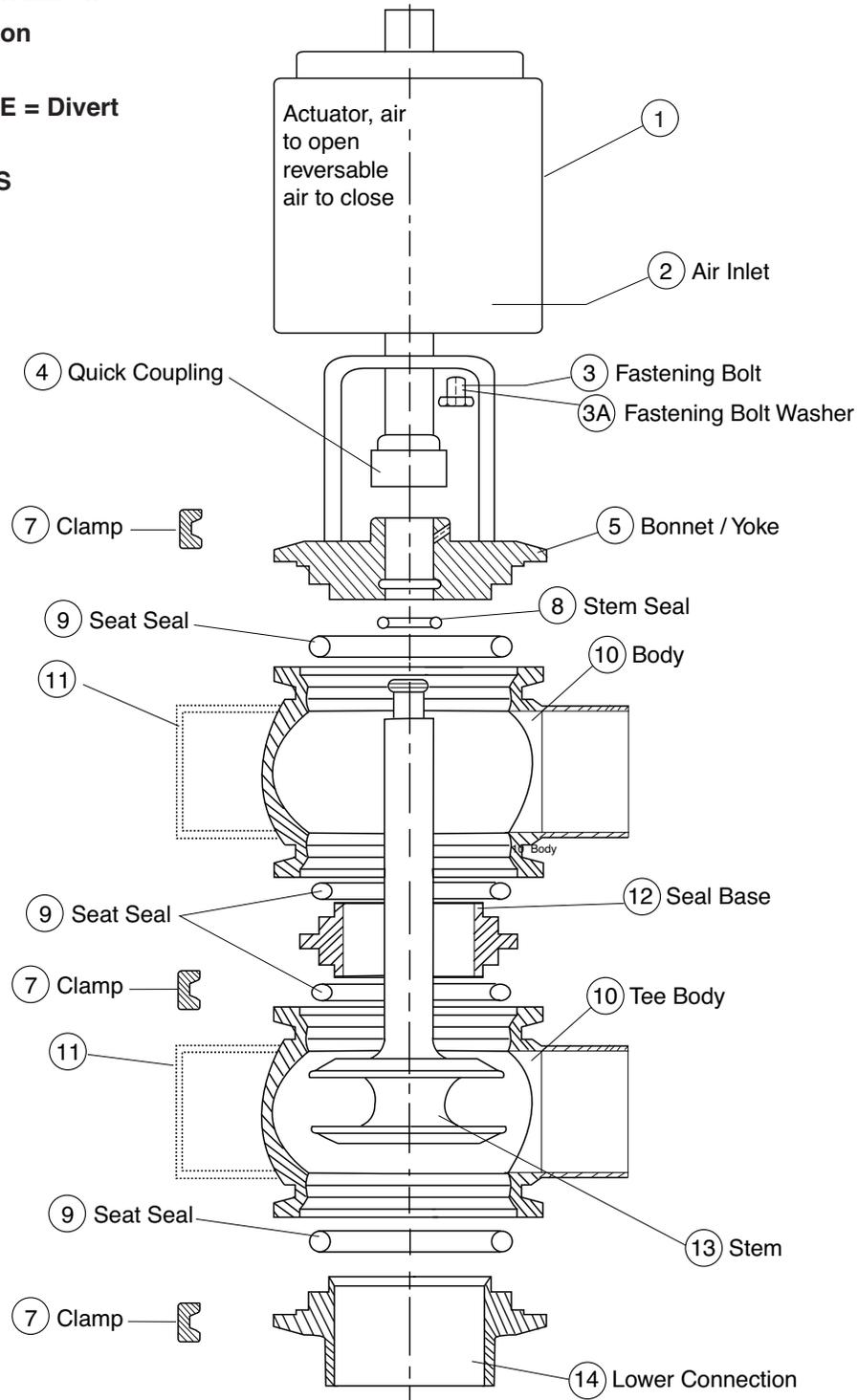
*If control head is required add
110V or 24V to part number.

*For Manual operation

Part Number:
EGPVA-77-MAN-SIZE = Divert

*For Viton® add - V

*For Silicone add - S



TYPE OF PART NUMBER FOR THE COMPLETE VALVE

EPVAP = Bevel

EPVAI = E-line

EGPVA = Clamp

EPVA = Weld

PVA DIVERT VALVE

REPLACEMENT PARTS

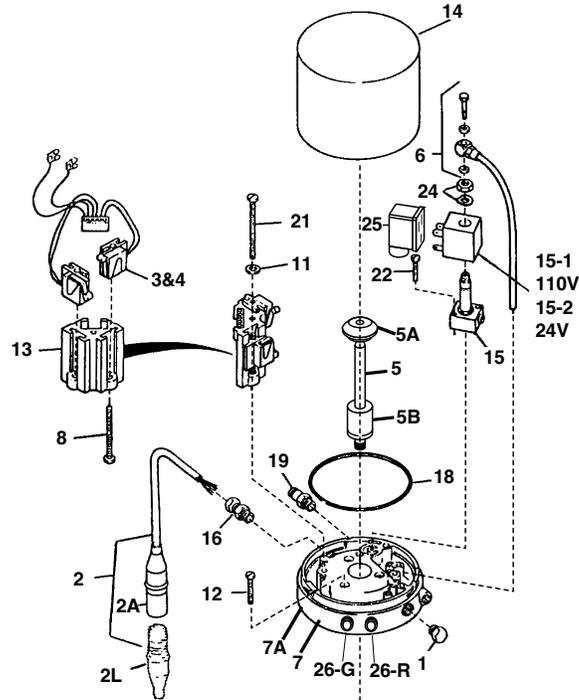
Item #	Part Number	Description
1.	PVAP-1-NC-(NO)-1.5 & 2.0	4" Actuator is reversible for normally open or normally closed
	PVAP-1-NC-(NO)-2.5 & 3.0	5" Actuator is reversible for normally open or normally closed
2.	PVAP-2-ALL	Air Inlet
3.	PVAP-3-ALL	Fastening Bolt 2 required for 1 1/2" & 2" Valves
		4 Fastening bolts required for 2 1/2" & 3" Valves
3A.	PVAP-3A-ALL	Washer for fastening bolt
4.	PVAP-4-ALL	Quick Disconnect Coupling
5.	PVAP-5-1.5	Bonnet & Yoke for 1 1/2"
	PVAP-5-2.0	Bonnet & Yoke for 2"
	PVAP-5-2.5	Bonnet & Yoke for 2 1/2"
	PVAP-5-3.0	Bonnet & Yoke for 3"
7.	13MHHMD-3.0	Heavy Duty Clamp 3" (For 1 1/2" & 2" Valves)
	13MHHMD-4.0	Heavy Duty Clamp 4" (For 2 1/2" & 3" Valves)
8.	PVAP-8-1.5-2.0 (S)(V)	EPDM, Silicone, or Viton® Stem O-Ring (For 1 1/2" & 2" Valves)
	PVAP-8-2.5-3.0 (S)(V)	EPDM, Silicone, or Viton® Stem O-Ring (For 2 1/2" & 3" Valves)
9.	PVAP-9-1.5 (S)(V)	EPDM, Silicone, or Viton® Seat Seal for 1 1/2"
	PVAP-9-2.0 (S)(V)	EPDM, Silicone, or Viton® Seat Seal for 2"
	PVAP-9-2.5 (S)(V)	EPDM, Silicone, or Viton® Seat Seal for 2 1/2"
	PVAP-9-3.0 (S)(V)	EPDM, Silicone, or Viton® Seat Seal for 3"
		EPDM is Standard. For Viton® add V and Silicone add S to the end of the part number. (2 required for Shut-off / 4 required for Divert)
*10.	PVAP-7-10C-1.5	Tee Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-7-10C-2.0	Tee Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-7-10C-2.5	Tee Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-7-10C-3.0	Tee Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
*11.	PVAP-9-11C-1.5	Cross Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-9-11C-2.0	Cross Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-9-11C-2.5	Cross Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-9-11C-3.0	Cross Body (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
12.	PVAP-12-1.5	Seal Base Adapter 1 1/2" (For Divert Valve Only)
	PVAP-12-2.0	Seal Base Adapter 2" (For Divert Valve Only)
	PVAP-12-2.5	Seal Base Adapter 2 1/2" (For Divert Valve Only)
	PVAP-12-3.0	Seal Base Adapter 3" (For Divert Valve Only)
13.	PVAP-7-13-1.5	Stem for 1 1/2" Shut off
	PVAP-7-13-2.0	Stem for 2" Shut off
	PVAP-7-13-2.5	Stem for 2 1/2" Shut off
	PVAP-7-13-3.0	Stem for 3" Shut off
	PVAP-77-13-1.5	Stem for 1 1/2" Divert Valve
	PVAP-77-13-2.0	Stem for 2" Divert Valve
	PVAP-77-13-2.5	Stem for 2 1/2" Divert Valve
	PVAP-77-13-3.0	Stem for 3" Divert Valve
*14.	PVAP-14C-1.5	Lower Connection (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-14C-2.0	Lower Connection (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-14C-2.5	Lower Connection (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)
	PVAP-14C-3.0	Lower Connection (C=Clamp, W=Butt-Weld, B=Bevel Seat,E=E-Line)

***TYPE OF CONNECTIONS: C = Clamp W = Butt-Weld B = Bevel Seat Thread E = E-Line Female**

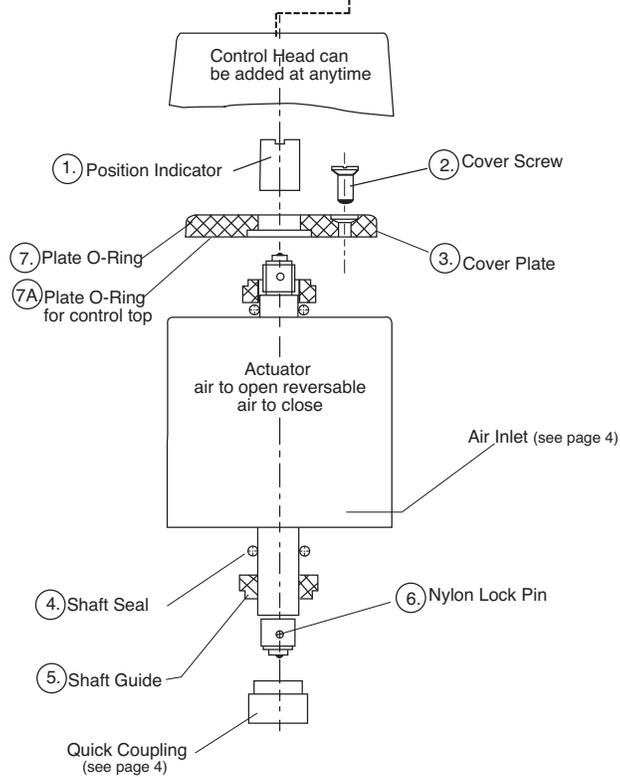
PVA AIR ACTUATOR

AIR ACTUATOR CONTROL HEAD

PVAP-ACTUC-110V (24V)
Complete Control Head



AIR ACTUATOR



PVA AIR ACTUATOR CONTROL TOP

REPLACEMENT PARTS

Item #	Part Number	Description
1	PVAP-ACTUC-1	Stainless Plug
2	PVAP-ACTUC-2	Electronic Adapter (Complete)
2A	PVAP-ACTUC-2A	Electronic Adapter (Actuator Side)
2L	PVAP-ACTUC-2L	Electronic Adapter (Line Side)
3&4	PVAP-ACTUC-3&4	Micro Switches with Harness and Terminal Strip (Complete)
5	PVAP-ACTUC-5	Micro Switch Actuator Stem
5A	PVAP-ACTUC-5A	Micro Switch Actuator Head
5B	PVAP-ATUC-5B	Stem Guide
6	PVAP-ACTUC-6	Air Vent Tube Assembly
7	PVAP-ACTUC-7	Plastic Molded Base
7A	PVAP-ACTUC-7A	Molded Base Complete With Electronics
8	PVAP-ACTUC-8	Adj. Screws for Micro Switch (2 Required)
10	PVAP-ACTUC-10	Actuator Tube
11	PVAP-ACTUC-11	Washer for Block
12	PVAP-ACTUC-12	Base Screws (3 Required)
13	PVAP-ACTUC-13	Switch Block
14	PVAP-ACTUC-14	Cover
15	PVAP-ACTUC-15	Solenoid Valve
15-1	PVAP-ACTUC-15-1	110V Coil Only
15-2	PVAP-ACTUC-15-2	24V Coil Only
16	PVAP-ACTUC-16	Cable Adapter Fitting
18	PVAP-ACTUC-18	Cover O-Ring
19	PVAP-ACTUC-19	Air Inlet Fitting (Upper)
20	PVAP-ACTUC-20	90° Air Fitting (Upper)
21	PVAP-ACTUC-21	Screw for Block
22	PVAP-ACTUC-22	Screws for Solenoid (2 Required)
24	PVAP-ACTUC-24	Nut and Washer for Coil-Solenoid
25	PVAP-ACTUC-25	Plug Connection to Solenoid
26G	PVAP-ACTUC-26G	Indicating Light (Green)
26R	PVAP-ACTUC-26R	Indicating Light (Red)

PVA AIR ACTUATOR

REPLACEMENT PARTS

Item #	Part Number	Description
1.	PVAP-ACT-1	Position Indicator
2.	PVAP-ACT-2	Cover Screw (2 pcs. required)
3.	PVAP-ACT-3	Cover Plate
	PVAP-ACT-3A	Plate for Control Top (2 O-Rings Required 7 and 7A)
4.	PVAP-ACT-4	Shaft Seal
5.	PVAP-ACT-5	Shaft Guide
6.	PVAP-ACT-6	Nylon Lock Pin
7.	PVAP-ACT-7	Plate O-Ring (For Control Top Only)
7A.	PVAP-ACT-7A	Plate O-Ring (For Control Top Only)

TANK-BOTTOM VALVE

EGPVA-7-TANK-SIZE

Item #	Part Number	Description
1.	PVAP-TANK-1.5	Tank Bottom Plate for 1 1/2"
	PVAP-TANK-2.0	Tank Bottom Plate for 2"
	PVAP-TANK-2.5	Tank Bottom Plate for 2 1/2"
	PVAP-TANK-3.0	Tank Bottom Plate for 3"
2.	PVAP-9-1.5 (S)(V)	Seat Seal, EPDM Standard, Silicone, and Viton® option (3 seals required)
	PVAP-9-2.0 (S)(V)	Seat Seal, EPDM Standard, Silicone, and Viton® option (3 seals required)
	PVAP-9-2.5 (S)(V)	Seat Seal, EPDM Standard, Silicone, and Viton® option (3 seals required)
	PVAP-9-3.0 (S)(V)	Seat Seal, EPDM Standard, Silicone, and Viton® option (3 seals required)
3.	13MHMD-3.0	Clamp for 1 1/2" & 2"
	13MHMD-4.0	Clamp for 2 1/2" & 3"
4.	PVAP-TANK-4-1.5	Stem
	PVAP-TANK-4-2.0	Stem
	PVAP-TANK-4-2.5	Stem
	PVAP-TANK-4-3.0	Stem
5.	PVAP-TANK-5-1.5	Bonnet & Yoke
	PVAP-TANK-5-2.0	Bonnet & Yoke
	PVAP-TANK-5-2.5	Bonnet & Yoke
	PVAP-TANK-5-3.0	Bonnet & Yoke
6.	PVAP-7-10C-1.5	Tee Body (C = Clamp, W = Weld, B = Bevel Seat, E = E-Line)
	PVAP-7-10C-2.0	Tee Body (C = Clamp, W = Weld, B = Bevel Seat, E = E-Line)
	PVAP-7-10C-2.5	Tee Body (C = Clamp, W = Weld, B = Bevel Seat, E = E-Line)
	PVAP-7-10C-3.0	Tee Body (C = Clamp, W = Weld, B = Bevel Seat, E = E-Line)
7.	PVAP-12-1.5	Seal Base Adapter
	PVAP-12-2.0	Seal Base Adapter
	PVAP-12-2.5	Seal Base Adapter
	PVAP-12-3.0	Seal Base Adapter
8.	PVAP-8-1.5-2.0 (V)	Stem O-Ring EPDM Standard, Viton® option
	PVAP-8-2.5-3.0 (V)	Stem O-Ring EPDM Standard, Viton® option
9.	PVAP-1-NC(NO)-1.5 & 2.0	4" Actuator Regulates 1 1/2" - 3" Valves
10.	PVAP-MANUAL-ALL	Manual Handle is Optional (Fits All Sizes)

