

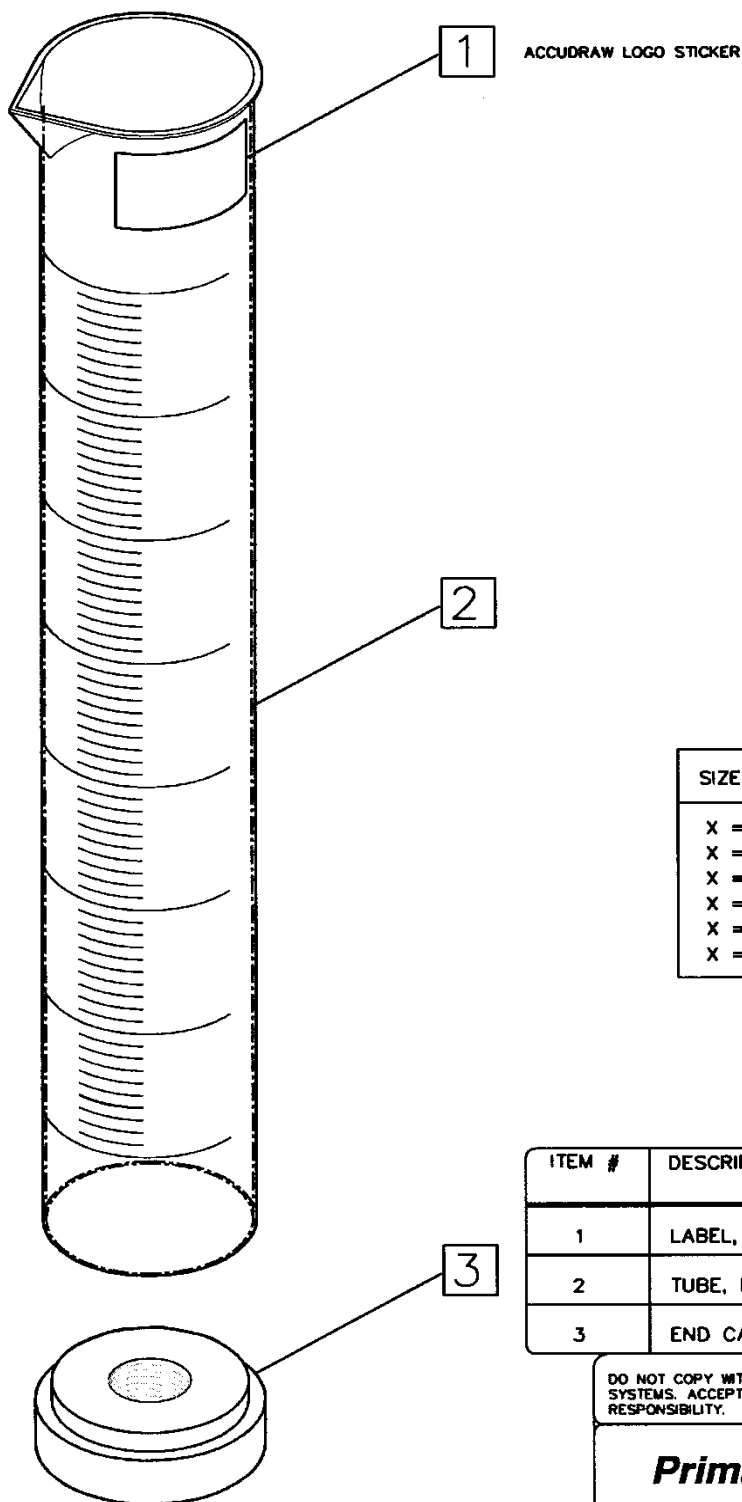
PRIMARY FLUID Tel: (905) 333-8743
SYSTEMS INC. Fax: (905) 333-8746
 North America Toll Free – 1-800-776-6580
 E-Mail: primary@primaryfluid.com
<http://www.primaryfluid.com>

INDEX

ACCUDRAW CALIBRATION CYLINDER - AC#1 – EXPLODED PARTS VIEW.....	4
ACCUDRAW CALIBRATION CYLINDER – AC#1.....	5
ACCUDRAW CALIBRATION CYLINDER - AC#2 – EXPLODED PARTS VIEW.....	6
ACCUDRAW CALIBRATION CYLINDER – AC#2.....	7
ACCUDRAW CALIBRATION CYLINDER - AC#3 – EXPLODED PARTS VIEW.....	8
ACCUDRAW CALIBRATION CYLINDER – AC#3.....	9
ACCUDRAW CALIBRATION CYLINDER - PV#1 – EXPLODED PARTS VIEW.....	10
ACCUDRAW CALIBRATION CYLINDER – PV#1.....	11
ACCUDRAW CALIBRATION CYLINDER - PV#2 – EXPLODED PARTS VIEW.....	12
ACCUDRAW CALIBRATION CYLINDER – PV#2.....	13
ACCUDRAW CALIBRATION CYLINDER - PV#3 – EXPLODED PARTS VIEW.....	14
ACCUDRAW CALIBRATION CYLINDER - PV#3.....	15
ACCUDRAW CALIBRATION CYLINDERS – PV#4 – EXPLODED PARTS VIEW.....	16
ACCUDRAW CALIBRATION CYLINDER - PV#4.....	17
ACCUDRAW CALIBRATION CYLINDER – ACS#2 – EXPLODED PARTS VIEW.....	18
ACCUDRAW CALIBRATION CYLINDER – ACS#2.....	19
RECOMMENDED SPARE PARTS.....	22
Pro-Kit.....	22
BACK PRESSURE & PRESSURE RELIEF VALVE– EXPLODED PARTS VIEW.....	23
TOP VALVE.....	24
RECOMMENDED SPARE PARTS.....	28
Pro-Kit.....	28
PRESSURE RELIEF VALVE – 2 PORT – EXPLODED PARTS VIEW.....	29
TOP VALVE – 2 PORT.....	30
RECOMMENDED SPARE PARTS.....	32
Pro-Kit.....	32
BACK PRESSURE & PRESSURE RELIEF VALVE – HIGH TEMPERATURE – EXPLODED PARTS VIEW.....	33
TOP VALVE - HIGH TEMPERATURE.....	34
RECOMMENDED SPARE PARTS.....	36
Pro-Kit.....	36
BACK PRESSURE & PRESSURE RELIEF VALVE – 2 PORT – HIGH TEMPERATURE – EXPLODED PARTS VIEW.....	37
TOP VALVE - 2 PORT - HIGH TEMPERATURE.....	38
RECOMMENDED SPARE PARTS.....	40
Pro-Kit.....	40
BACK PRESSURE & PRESSURE RELIEF VALVE – HIGH PRESSURE – EXPLODED PARTS VIEW.....	41
TOP VALVE - HIGH PRESSURE.....	42
RECOMMENDED SPARE PARTS.....	44
Pro-Kit.....	44
PRESSURE RELIEF VALVE - 2 PORT – HIGH PRESSURE – EXPLODED PARTS VIEW.....	45
TOP VALVE - 2 PORT - HIGH PRESSURE.....	46
RECOMMENDED SPARE PARTS.....	47
Pro-Kit.....	47
ACCUPULSE PULSATION DAMPENER – API/APIF SERIES – THERMOPLASTIC - EXPLODED PARTS VIEW.....	48
ACCUPULSE PULSATION DAMPENER – API/APIF SERIES - THERMOPLASTIC.....	49

RECOMMENDED SPARE PARTS	49
<i>Pro-Kit</i>	49
ACCUPULSE PULSATION DAMPENER - API/APIF – ALLOY – EXPLODED PARTS VIEW.....	50
ACCUPULSE PULSATION DAMPENER - API/APIF – ALLOY.....	51
RECOMMENDED SPARE PARTS	51
<i>Pro-Kit</i>	51
ACCUPULSE PULSATION DAMPENER – APII/APIIF SERIES - THERMOPLASTIC – EXPLODED VIEW	52
ACCUPULSE PULSATION DAMPENER – APII/APIIF SERIES – THERMOPLASTIC	53
RECOMMENDED SPARE PARTS	53
<i>Pro-Kit</i>	53
ACCUPULSE PULSATION DAMPENER – APII/APIIF SERIES - ALLOY – EXPLODED PARTS VIEW.....	54
ACCUPULSE PULSATION DAMPENER – APII/APIIF SERIES - ALLOY.....	55
RECOMMENDED SPARE PARTS	55
<i>Pro-Kit</i>	55
ACCUPULSE PULSATION DAMPENER – APIII/APIIIF SERIES – THERMOPLASTIC - EXPLODED PARTS VIEW	56
ACCUPULSE PULSATION DAMPENER – APIII/APIIIF SERIES - THERMOPLASTIC.....	57
RECOMMENDED SPARE PARTS	57
<i>Pro-Kit</i>	57
ACCUPULSE PULSATION DAMPENER – APIII/APIIIF SERIES - ALLOY – EXPLODED PARTS VIEW.....	58
ACCUPULSE PULSATION DAMPENER – APIII/APIIIF – ALLOY	59
RECOMMENDED SPARE PARTS	59
<i>Pro-Kit</i>	59
ACCUPULSE PULSATION DAMPENER – APX SERIES – ALLOY – EXPLODED PARTS VIEW.....	ERROR! BOOKMARK NOT DEFINED.
ACCUPULSE PULSATION DAMPENER – APX SERIES.....	ERROR! BOOKMARK NOT DEFINED.
RECOMMENDED SPARE PARTS	ERROR! BOOKMARK NOT DEFINED.
<i>Pro-Kit</i>	Error! Bookmark not defined.
PFS INJECTION QUILL – IQ - PLASTIC – EXPLODED PARTS VIEW.....	60
PFS INJECTION QUILL – IQ - PLASTIC	61
RECOMMENDED SPARE PARTS	61
<i>Pro-Kit</i>	61
PFS INJECTION QUILL – IQ - ALLOY – EXPLODED PARTS VIEW.....	63
PFS INJECTION QUILL - IQ - ALLOY	64
RECOMMENDED SPARE PARTS	64
<i>Pro-Kit</i>	64
PFS CORPORATION STOP – PLASTIC – EXPLODED PARTS VIEW.....	66
PFS CORPORATION STOP - PLASTIC	67
RECOMMENDED SPARE PARTS	68
<i>Pro-Kit</i>	68
PFS CORPORATION STOP – ALLOY – EXPLODED PARTS VIEW.....	71
PFS CORPORATION STOP - ALLOY.....	72
RECOMMENDED SPARE PARTS	73
<i>Pro-Kit</i>	73
ACCUVENT – AV – EXPLODED PARTS VIEW.....	76
ACCUVENT	77

Accudraw Calibration Cylinder - AC#1 – Exploded Parts View



SIZE/MATERIAL CODING

X = 100 = (100 mL)
 X = 250 = (250 mL)
 X = 500 = (500 mL)
 X = 1000 = (1000 mL)
 X = 2000 = (2000 mL)
 X = 4000 = (4000 mL)

ITEM #	DESCRIPTION	PART#
1	LABEL, ACCUDRAW LOGO	ACCUDRAW-LABEL
2	TUBE, PP, GRADUATED	AC-X-TUBE
3	END CAP, PP	AC-2B-X

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS. ACCEPTABILITY OF SPECIFICATIONS ARE THE CLIENT'S RESPONSIBILITY.

Primary Fluid Systems Inc.

ACCUDRAW Calibration Cylinder - AC#1
EXPLODED PARTS VIEW

SCALE	NTS	DISC	DRAWN BY	BCB
DATE	04 02 18	APPROVED	DWG NO.	REV.#
PROJECT			EXAC1	0

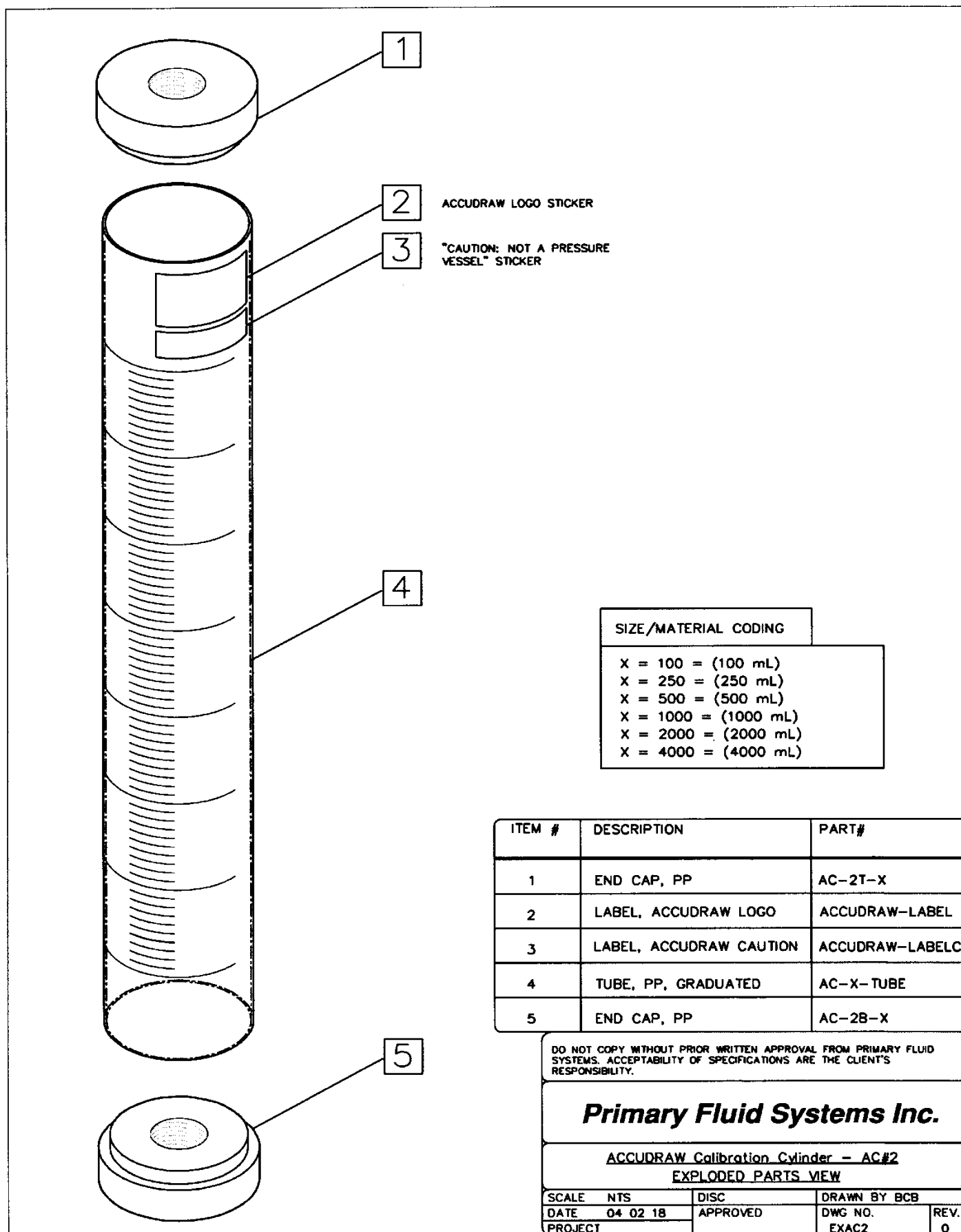
Accudraw Calibration Cylinder – AC#1

Item #	Description	Part #	Price USA
1	Label, Accudraw Logo	ACCUDRAW LABEL	N/A
2	Tube, PP, Graduated	AC-X-TUBE	N/A
3	End Cap, PP	AC-2B-X	N/A

Size / Material Coding

x = 100 = (100 ml)
x = 250 = (250 ml)
x = 500 = (500 ml)
x = 1000 = (1000 ml)
x = 2000 = (2000 ml)
x = 4000 = (4000 ml)

Accudraw Calibration Cylinder - AC#2 – Exploded Parts View



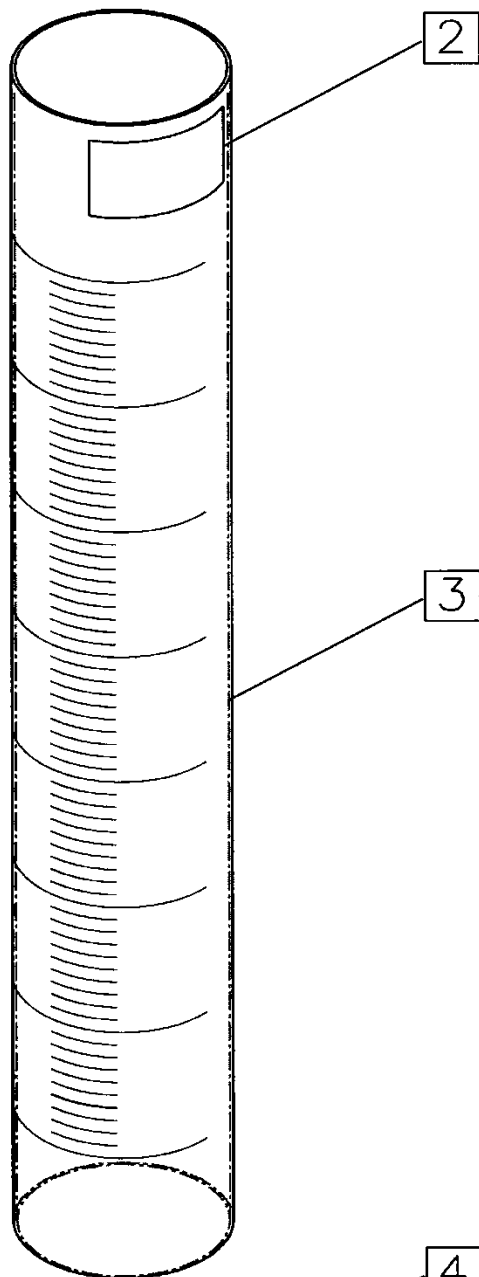
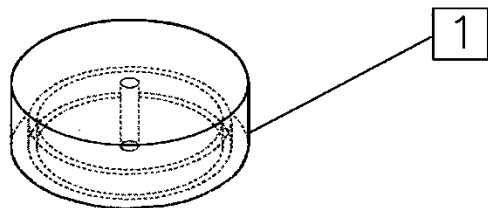
Accudraw Calibration Cylinder – AC#2

Item #	Description	Part #	Price USA
1	End Cap, PP	AC-2T-x	N/A
2	Label, Accudraw Logo	ACCUDRAW-LABEL	N/A
3	Label, Accudraw Caution	ACCUDRAW-LABELC	N/A
4	Tube, PP, Graduated	AC-x-TUBE	N/A
5	End Cap, PP	AC-2B-x	N/A

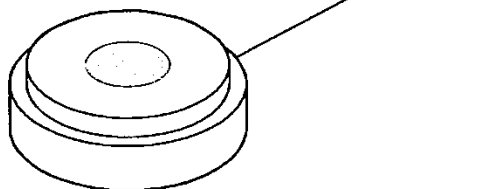
Size / Material Coding

x = 100 = (100 ml)
x = 250 = (250 ml)
x = 500 = (500 ml)
x = 1000 = (1000 ml)
x = 2000 = (2000 ml)
x = 4000 = (4000 ml)

Accudraw Calibration Cylinder - AC#3 – Exploded Parts View



ACCUDRAW LOGO STICKER



SIZE/MATERIAL CODING

X = 100 = (100 mL)
 X = 250 = (250 mL)
 X = 500 = (500 mL)
 X = 1000 = (1000 mL)
 X = 2000 = (2000 mL)
 X = 4000 = (4000 mL)

ITEM #	DESCRIPTION	PART#
1	DUST CAP, PP	AC-DC-X
2	LABEL, ACCUDRAW LOGO	ACCUDRAW-LABEL
3	TUBE, PP, GRADUATED	AC-X-TUBE
4	END CAP, PP	AC-2B-X

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS. ACCEPTABILITY OF SPECIFICATIONS ARE THE CLIENT'S RESPONSIBILITY.

Primary Fluid Systems Inc.

**ACCUDRAW Calibration Cylinder – AC#3
 EXPLODED PARTS VIEW**

SCALE	NTS	DISC	DRAWN BY	BCB
DATE	04 02 18	APPROVED	DWG NO.	REV.#
PROJECT			EXAC3	0

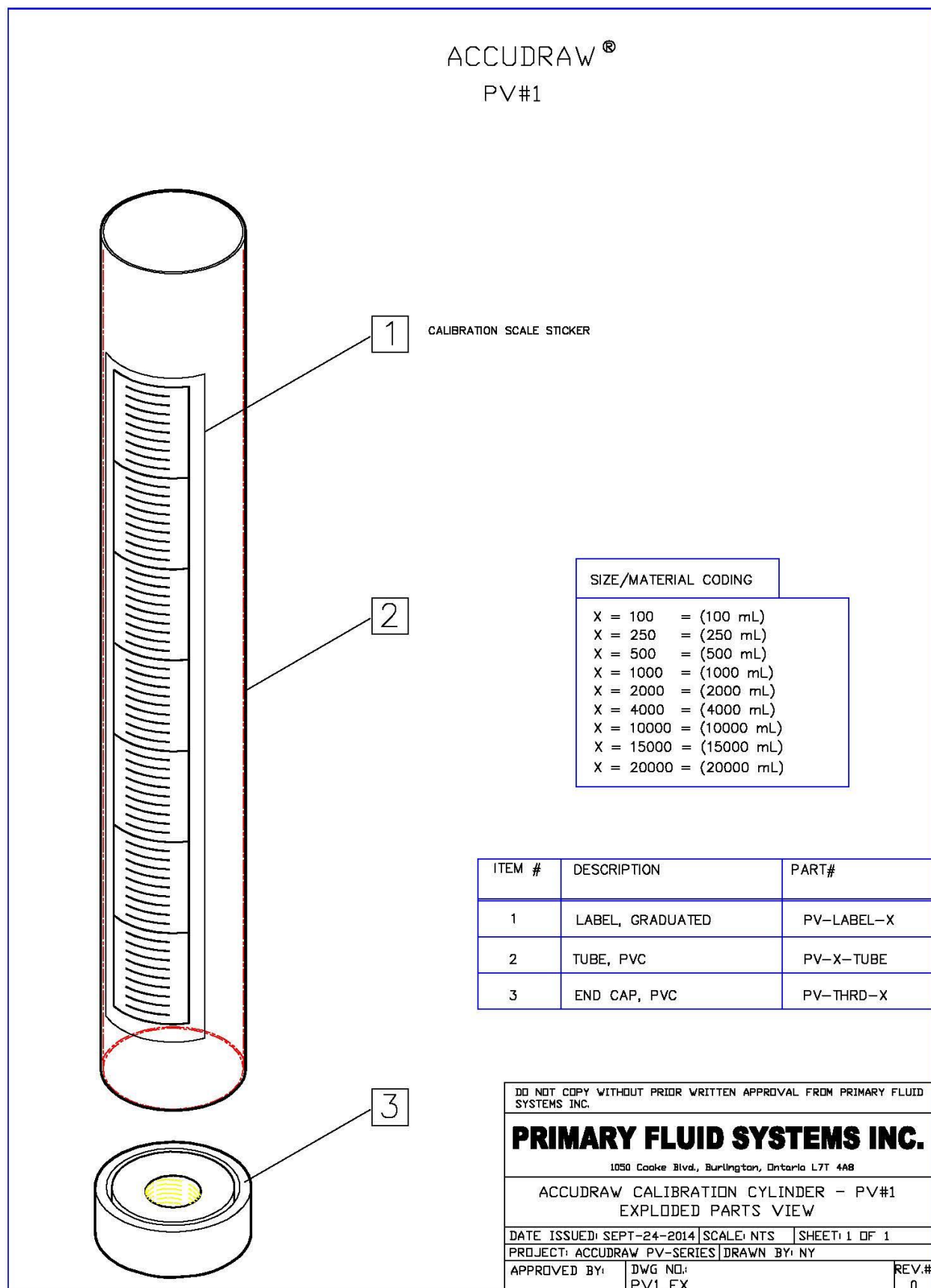
Accudraw Calibration Cylinder – AC#3**CODE E**

Item #	Description	Size/Coding	Part #	Price USA
1	Dust Cap, PP	100 - (100 ml)	AC-DC-100	\$ 39.00
	Dust Cap, PP	250 - (250 ml)	AC-DC-250	\$ 46.00
	Dust Cap, PP	500 - (500 ml)	AC-DC-500	\$ 53.00
	Dust Cap, PP	1000 - (1000 ml)	AC-DC-1000	\$ 66.00
	Dust Cap, PP	2000 - (2000 ml)	AC-DC-2000	\$ 81.00
	Dust Cap, PP	4000 - (4000 ml)	AC-DC-4000	\$ 152.00
2	Label, Accudraw Logo		ACCUDRAW-LABEL	N/A
3	Tube, PP, Graduated		AC-x-TUBE	N/A
4	End Cap, PP		AC-2B-x	N/A

Size / Material Coding

x = 100 = (100 ml)
x = 250 = (250 ml)
x = 500 = (500 ml)
x = 1000 = (1000 ml)
x = 2000 = (2000 ml)
x = 4000 = (4000 ml)

Accudraw Calibration Cylinder - PV#1 – Exploded Parts View



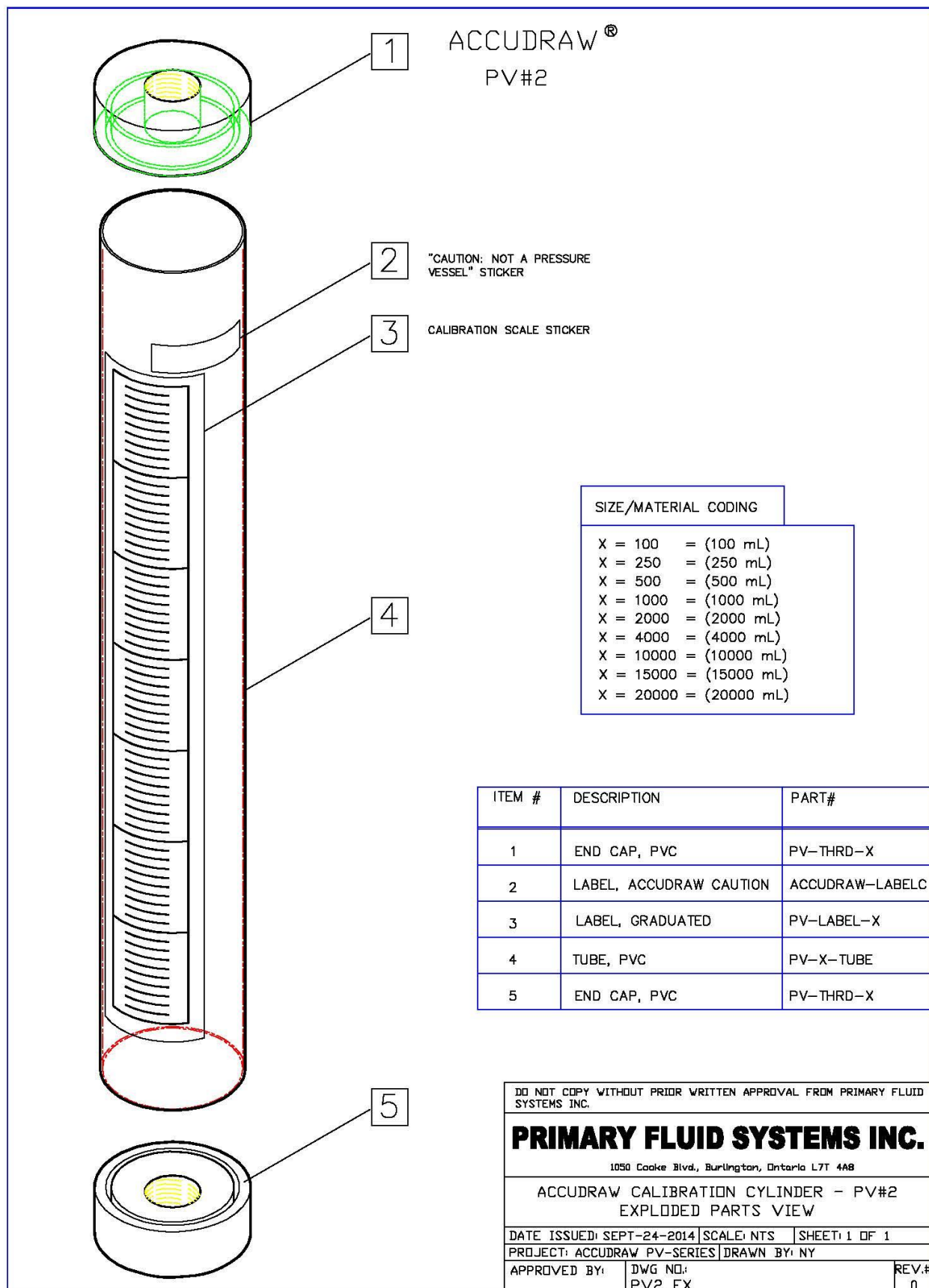
Accudraw Calibration Cylinder – PV#1

Item #	Description	Part #	Price USA
1	Label, Graduated	PV-LABEL-x	N/A
2	Tube, PVC	PV-x-TUBE	N/A
3	End Cap, PVC	PV-THRD-x	N/A

Size / Material Coding

x = 100 = (100 ml)
x = 250 = (250 ml)
x = 500 = (500 ml)
x = 1000 = (1000 ml)
x = 2000 = (2000 ml)
x = 4000 = (4000 ml)
x = 10000 = (10000 ml)
x = 15000 = (15000 ml)
x = 20000 = (20000 ml)

Accudraw Calibration Cylinder - PV#2 – Exploded Parts View



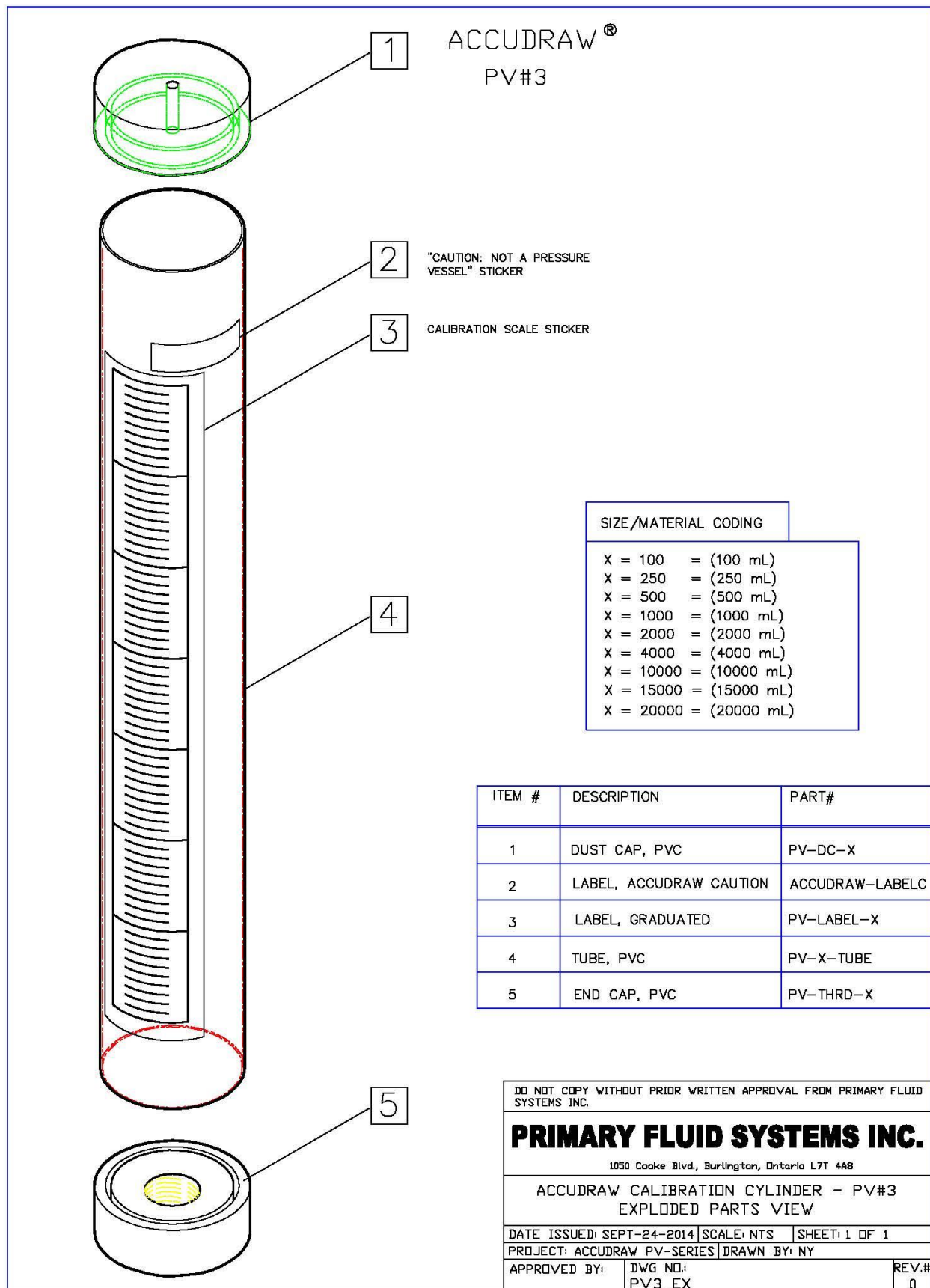
Accudraw Calibration Cylinder – PV#2

Item #	Description	Part #	Price USA
1	End Cap, PVC	PV-THRD-x	N/A
2	Label, Accudraw Caution	ACCUDRAW-LABELC	N/A
3	Label, Graduated	PV-LABEL-x	N/A
4	Tube, PVC	PV-x-TUBE	N/A
5	End Cap, PVC	PV-THRD-x	N/A

Size / Material Coding

x = 100 = (100 ml)
x = 250 = (250 ml)
x = 500 = (500 ml)
x = 1000 = (1000 ml)
x = 2000 = (2000 ml)
x = 4000 = (4000 ml)
x = 10000 = (10000 ml)
x = 15000 = (15000 ml)
x = 20000 = (20000 ml)

Accudraw Calibration Cylinder - PV#3 – Exploded Parts View



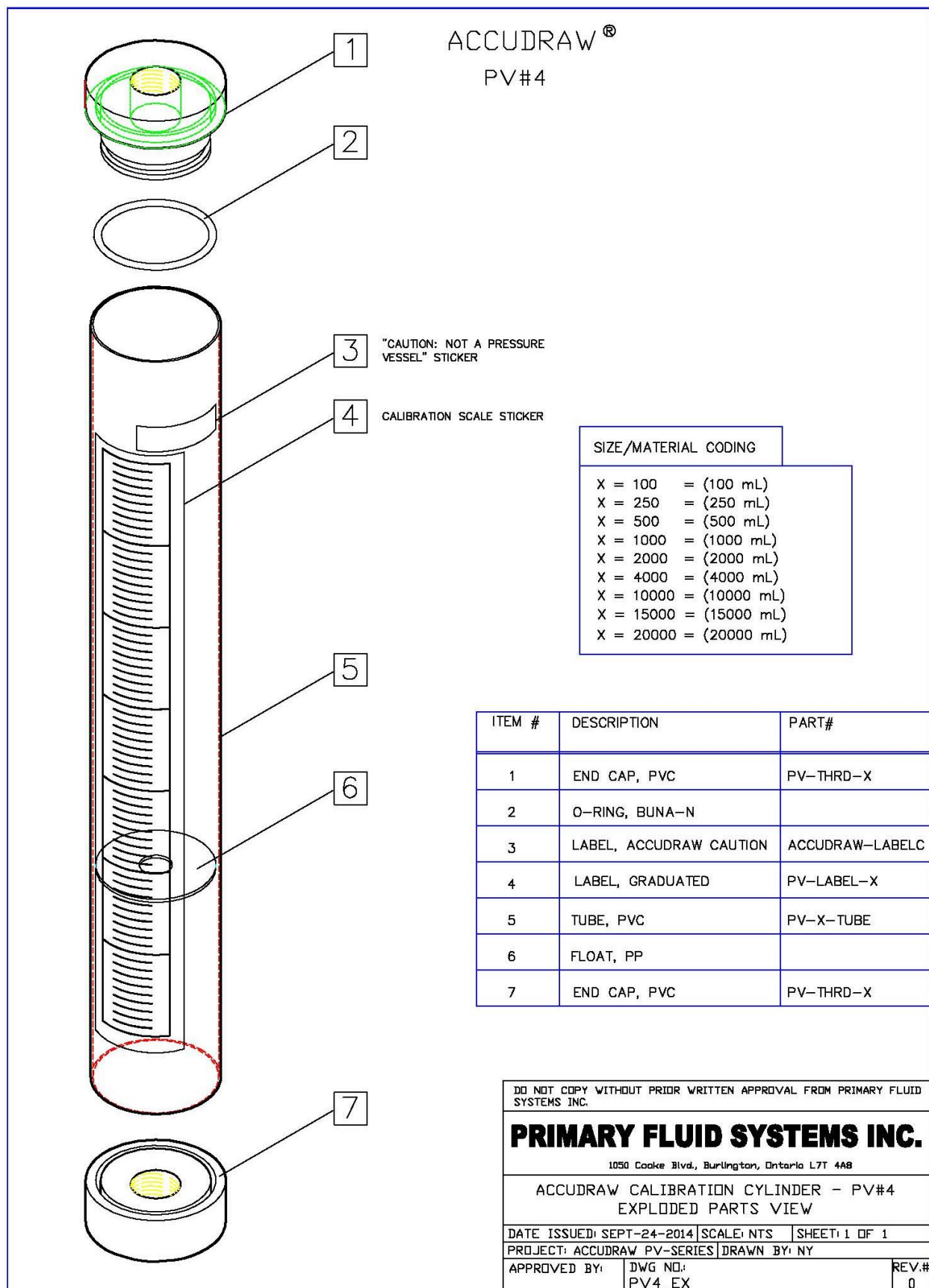
Accudraw Calibration Cylinder - PV#3**CODE E**

Item #	Description	Size / Coding	Part #	Price USA
1A	Dust Cap, PVC	100 - (100 ml)	PV-DC-100	\$ 18.00
	Dust Cap, PVC	250 - (250 ml)	PV-DC-250	\$ 21.00
	Dust Cap, PVC	500 - (500 ml)	PV-DC-500	\$ 26.00
	Dust Cap, PVC	1000 - (1000 ml)	PV-DC-1000	\$ 28.00
	Dust Cap, PVC	2000 - (2000 ml)	PV-DC-2000	\$ 35.00
	Dust Cap, PVC	4000 - (4000 ml)	PV-DC-4000	\$ 45.00
	Dust Cap, PVC	10000 - (10000 ml)	PV-DC-10000	\$ 89.00
	Dust Cap, PVC	15000 - (15000 ml)	PV-DC-15000	\$ 93.00
	Dust Cap, PVC	20000 - (20000 ml)	PV-DC-20000	\$ 97.00
2	Label Accudraw Caution		ACCUDRAW-LABELC	N/A
3	Label, Graduated		PV-LABEL-x	N/A
4	Tube, PVC		PV-x-TUBE	N/A
5	End Cap, PVC		PV-THRD-x	N/A

Size / Material Coding

x = 100 = (100 ml)
x = 250 = (250 ml)
x = 500 = (500 ml)
x = 1000 = (1000 ml)
x = 2000 = (2000 ml)
x = 4000 = (4000 ml)
x = 10000 = (10000 ml)
x = 15000 = (15000 ml)
x = 20000 = (20000 ml)

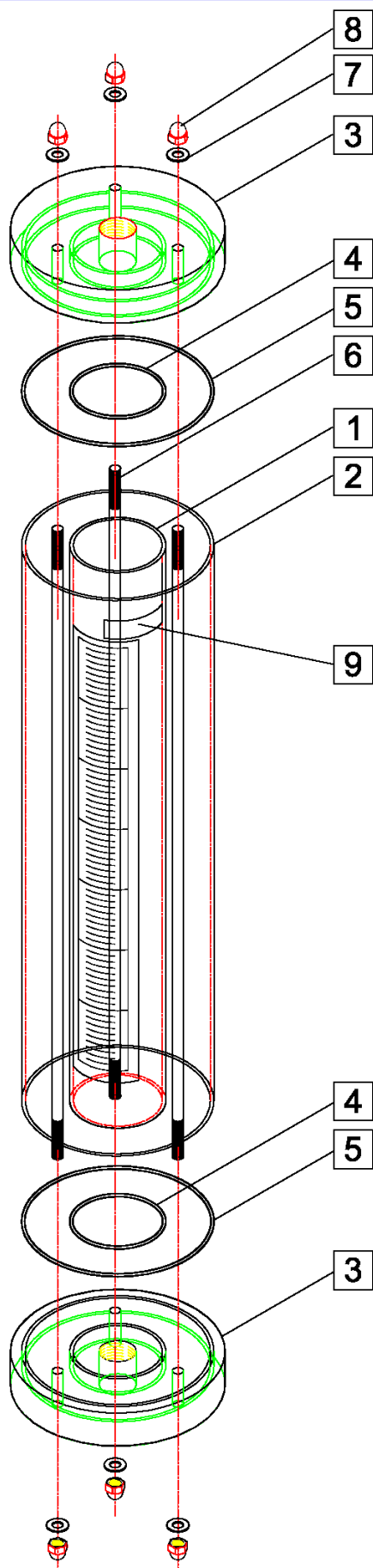
Accudraw Calibration Cylinders – PV#4 – Exploded Parts View



Accudraw Calibration Cylinder - PV#4**CODE E**

Item #	Description	Size / Coding	Part #	Price USA
1B	Dust Cap, PVC	100 - (100 ml)	PV4-THRD-100	\$ 21.00
	Dust Cap, PVC	250 - 250 ml)	PV4-THRD-250	\$ 23.00
	Dust Cap, PVC	500 - (500 ml)	PV4-THRD-500	\$ 28.00
	Dust Cap, PVC	1000 - (1000 ml)	PV4-THRD-1000	\$ 31.00
	Dust Cap, PVC	2000 - (2000 ml)	PV4-THRD-2000	\$ 39.00
	Dust Cap, PVC	4000 - (4000 ml)	PV4-THRD-4000	\$ 50.00
	Dust Cap, PVC	10000 - (10000 ml)	PV4-THRD-10000	\$ 97.00
	Dust Cap, PVC	15000 - (15000 ml)	PV4-THRD-15000	\$ 97.00
	Dust Cap, PVC	20000 - (20000 ml)	PV4-THRD-20000	\$ 97.00
2	Label Accudraw Caution		ACCUDRAW-LABELC	N/A
3	Label, Graduated		PV-LABEL-x	N/A
4	Tube, PVC		PV-x-TUBE	N/A
5	End Cap, PVC		PV-THRD-x	N/A
6	O-Ring, Buna-N	100 - (100 ml)	PV4-SEAL-100	\$ 2.70
	O-Ring, Buna-N	250 - 250 ml)	PV4-SEAL-250	\$ 3.25
	O-Ring, Buna-N	500 - (500 ml)	PV4-SEAL-500	\$ 3.85
	O-Ring, Buna-N	1000 - (1000 ml)	PV4-SEAL-1000	\$ 4.45
	O-Ring, Buna-N	2000 - (2000 ml)	PV4-SEAL-2000	\$ 5.15
	O-Ring, Buna-N	4000 - (4000 ml)	PV4-SEAL-4000	\$ 5.35
	O-Ring, Buna-N	10000 - (10000 ml)	PV4-SEAL-10000	\$ 5.95
	O-Ring, Buna-N	15000 - (15000 ml)	PV4-SEAL-15000	\$ 5.95
	O-Ring, Buna-N	20000 - (20000 ml)	PV4-SEAL-20000	\$ 5.95
7	Float, PP		X-FLOAT	N/A

Accudraw Calibration Cylinder – ACS#2 – Exploded Parts View



SIZE/MATERIAL CODING

X = 100 = (100 mL)
 X = 250 = (250 mL)
 X = 500 = (500 mL)
 X = 1000 = (1000 mL)
 X = 2000 = (2000 mL)
 X = 4000 = (4000 mL)
 X = 6000 = (6000 mL)
 X = 8000 = (8000 mL)
 X = 10000 = (10000 mL)
 X = 20000 = (20000 mL)

* = PTFE = (PTFE)
 * = CPVC = (CPVC CORZAN)
 * = PVDF = (PVDF)
 * = S/S6 = (316 STAINLESS STEEL)

= M = RODS FOR ALLOY FLANGED UNITS
 NO SUFFIX = RODS FOR PLASTIC FLANGED UNITS

⊗ = 25 = (SIZE 100 AND 250 UNITS)
 ⊗ = 51 = (SIZE 500 TO 10000 UNITS)
 ⊗ = 516 = (20000 UNITS)

CAUTION: NOT A PRESSURE VESSEL STICKER

ITEM#	QTY	DESCRIPTION	PART#
1	1	TUBE, BOROSILICATE GLASS C/W LABEL, GRADUATED	ACS-1-X-A
2	1	SHIELD, TUBE, POLYCARBONATE	ACS-2-X
3	2	FLANGE	ACS-3-X-*
4	2	SEAL, ORING, VITON [⊕]	ACS-4-X
5	2	SEAL, ORING, BUNA	ACS-5-X
6	3	ROD, 304 S/S	ACS-6-X-#
7	6	WASHER, FLAT, S/S	TVW-10-⊗
8	6	NUT, ACORN, S/S	TVN-9-⊗
9	1	LABEL, ACCUDRAW CAUTION	ACCUDRAW-LABELC

⊕ FOR EPDM MATERIALS ADD SUFFIX "E"

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS INC.

PRIMARY FLUID SYSTEMS INC.

1050 Cooke Blvd, Burlington, Ontario L7T 4A8

ACS#2 ACCUDRAW CALIBRATION CYLINDER
 EXPLODED PARTS VIEW

DATE REVISED: 8/03/2018 SCALE: NTS SHEET: 1 OF 1
 PROJECT: ACCUDRAW GLASS DRAWN BY: VICTOR W.
 APPROVED: CHECKED: DWG NO: ADG-PA-512STD-28100XPL REV.# 5

Accudraw Calibration Cylinder – ACS#2

CODE E

Item #	Model	Description	Size/Material	Part #	Price USA
1	ACS#2	Tube, Borosilicate Glass c/w Label, Graduated	(100 ml)	ACS-1-100-A	\$ 148.00
	ACS#2	Tube, Borosilicate Glass c/w Label, Graduated	(250 ml)	ACS-1-250-A	\$ 168.00
	ACS#2	Tube, Borosilicate Glass c/w Label, Graduated	(500 ml)	ACS-1-500-A	\$ 213.00
	ACS#2	Tube, Borosilicate Glass c/w Label, Graduated	(1000 ml)	ACS-1-1000-A	\$ 349.00
	ACS#2	Tube, Borosilicate Glass c/w Label, Graduated	(2000 ml)	ACS-1-2000-A	\$ 551.00
	ACS#2	Tube, Borosilicate Glass c/w Label, Graduated	(4000 ml)	ACS-1-4000-A	\$ 937.00
	ACS#2	Tube, Borosilicate Glass c/w Label, Graduated	(6000 ml)	ACS-1-6000-A	\$1,860.00
	ACS#2	Tube, Borosilicate Glass c/w Label, Graduated	(8000 ml)	ACS-1-8000-A	\$2,575.00
	ACS#2	Tube, Borosilicate Glass c/w Label, Graduated	(10000 ml)	ACS-1-10000-A	\$3,015.00
	ACS#2	Tube, Borosilicate Glass c/w Label, Graduated	(20000 ml)	ACS-1-20000-A	\$5,216.00
2	ACS#2	Shield, Tube, Polycarbonate	(100 ml)	ACS-2-100-PC	\$ 16.00
	ACS#2	Shield, Tube, Polycarbonate	(250 ml)	ACS-2-250-PC	\$ 22.00
	ACS#2	Shield, Tube, Polycarbonate	(500 ml)	ACS-2-500-PC	\$ 37.00
	ACS#2	Shield, Tube, Polycarbonate	(1000 ml)	ACS-2-1000-PC	\$ 70.00
	ACS#2	Shield, Tube, Polycarbonate	(2000 ml)	ACS-2-2000-PC	\$ 82.00
	ACS#2	Shield, Tube, Polycarbonate	(4000 ml)	ACS-2-4000-PC	\$ 160.00
	ACS#2	Shield, Tube, Polycarbonate	(6000 ml)	ACS-2-6000	\$ 329.00
	ACS#2	Shield, Tube, Polycarbonate	(8000 ml)	ACS-2-8000	\$ 367.00
	ACS#2	Shield, Tube, Polycarbonate	(10000 ml)	ACS-2-10000	\$ 435.00
	ACS#2	Shield, Tube, Polycarbonate	(20000 ml)	ACS-2-20000	\$1,070.00
3	ACS#2	Flange	TFE (PTFE) (100 ml)	ACS-3-100-TFE	Call Factory
	ACS#2	Flange	TFE (PTFE) (250 ml)	ACS-3-250-TFE	Call Factory
	ACS#2	Flange	TFE (PTFE) (500 ml)	ACS-3-500-TFE	Call Factory
	ACS#2	Flange	TFE (PTFE) (1000 ml)	ACS-3-1000-TFE	Call Factory
	ACS#2	Flange	TFE (PTFE) (2000 ml)	ACS-3-2000-TFE	Call Factory
	ACS#2	Flange	TFE (PTFE) (4000 ml)	ACS-3-4000-TFE	Call Factory
	ACS#2	Flange	TFE (PTFE) (6000 ml)	ACS-3-6000-TFE	Call Factory
	ACS#2	Flange	TFE (PTFE) (8000 ml)	ACS-3-8000-TFE	Call Factory
	ACS#2	Flange	TFE (PTFE) (10000 ml)	ACS-3-10000-TFE	Call Factory
	ACS#2	Flange	TFE (PTFE) (20000 ml)	ACS-3-20000-TFE	Call Factory
	ACS#2	Flange	CPVC (Corzan) (100 ml)	ACS-3-100-CPVC	\$ 199.00
	ACS#2	Flange	CPVC (Corzan) (250 ml)	ACS-3-250-CPVC	\$ 210.00
	ACS#2	Flange	CPVC (Corzan) (500 ml)	ACS-3-500-CPVC	\$ 258.00
	ACS#2	Flange	CPVC (Corzan) (1000 ml)	ACS-3-1000-CPVC	\$ 286.00
	ACS#2	Flange	CPVC (Corzan) (2000 ml)	ACS-3-2000-CPVC	\$ 321.00
	ACS#2	Flange	CPVC (Corzan) (4000 ml)	ACS-3-4000-CPVC	\$ 391.00
	ACS#2	Flange	CPVC (Corzan) (6000 ml)	ACS-3-6000-CPVC	\$ 970.00
	ACS#2	Flange	CPVC (Corzan) (8000 ml)	ACS-3-8000-CPVC	\$ 970.00
	ACS#2	Flange	CPVC (Corzan) (10000 ml)	ACS-3-10000-CPVC	\$ 970.00
	ACS#2	Flange	CPVC (Corzan) (20000ml)	ACS-3-20000-CPVC	\$1,103.00
	ACS#2	Flange	(PVDF) (100 ml)	ACS-3-100-PVDF	\$ 225.00

Accudraw Calibration Cylinder – ACS#2

CODE E

Item #	Model	Description	Size/Material	Part #	Price USA
	ACS#2	Flange	(PVDF) (250 ml)	ACS-3-250-PVDF	\$ 294.00
	ACS#2	Flange	(PVDF) (500 ml)	ACS-3-500-PVDF	\$ 343.00
	ACS#2	Flange	(PVDF) (1000 ml)	ACS-3-1000-PVDF	\$ 451.00
	ACS#2	Flange	(PVDF) (2000 ml)	ACS-3-2000-PVDF	\$ 551.00
	ACS#2	Flange	(PVDF) (4000 ml)	ACS-3-4000-PVDF	\$ 818.00
	ACS#2	Flange	(PVDF) (6000 ml)	ACS-3-6000-PVDF	\$1,808.00
	ACS#2	Flange	(PVDF) (8000 ml)	ACS-3-8000-PVDF	\$1,808.00
	ACS#2	Flange	(PVDF) (10000 ml)	ACS-3-10000-PVDF	\$1,808.00
	ACS#2	Flange	(PVDF) 20000 ml)	ACS-3-20000-PVDF	Call Factory
	ACS#2	Flange	(316 Stainless Steel) (100 ml)	ACS-3-100-S/S6	\$ 234.00
	ACS#2	Flange	(316 Stainless Steel) (250 ml)	ACS-3-250-S/S6	\$ 261.00
	ACS#2	Flange	(316 Stainless Steel) (500 ml)	ACS-3-500-S/S6	\$ 323.00
	ACS#2	Flange	(316 Stainless Steel) (1000 ml)	ACS-3-1000-S/S6	\$ 392.00
	ACS#2	Flange	(316 Stainless Steel) (2000 ml)	ACS-3-2000-S/S6	\$ 448.00
	ACS#2	Flange	(316 Stainless Steel) (4000 ml)	ACS-3-4000-S/S6	\$ 537.00
	ACS#2	Flange	(316 Stainless Steel) (6000 ml)	ACS-3-6000-S/S6	\$1,351.00
	ACS#2	Flange	(316 Stainless Steel) (8000 ml)	ACS-3-8000-S/S6	\$1,351.00
	ACS#2	Flange	(316 Stainless Steel) (10000 ml)	ACS-3-10000-S/S6	\$1,351.00
	ACS#2	Flange	(316 Stainless Steel) (20000 ml)	ACS-3-20000-S/S6	Call Factory
4	ACS#2	Seal, O' Ring, Viton	(100 ml)	ACS-4-100	\$ 2.65
	ACS#2	Seal, O' Ring, Viton	(250 ml)	ACS-4-250	\$ 3.85
	ACS#2	Seal, O' Ring, Viton	(500 ml)	ACS-4-500	\$ 3.85
	ACS#2	Seal, O' Ring, Viton	(1000 ml)	ACS-4-1000	\$ 5.35
	ACS#2	Seal, O' Ring, Viton	(2000 ml)	ACS-4-2000	\$ 6.50
	ACS#2	Seal, O' Ring, Viton	(4000 ml)	ACS-4-4000	\$ 16.00
	ACS#2	Seal, O' Ring, Viton	(6000 ml)	ACS-4-6000	\$ 42.00
	ACS#2	Seal, O' Ring, Viton	(8000 ml)	ACS-4-8000	\$ 42.00
	ACS#2	Seal, O' Ring, Viton	(10000 ml)	ACS-4-10000	\$ 42.00
	ACS#2	Seal, O' Ring, Viton	(20000 ml)	ACS-4-20000	\$ 46.00
	ACS#2	Seal, O' Ring, EPDM	(100 ml)	ACS-4-100-E	\$ 2.65
	ACS#2	Seal, O' Ring, EPDM	(250 ml)	ACS-4-250-E	\$ 3.85
	ACS#2	Seal, O' Ring, EPDM	(500 ml)	ACS-4-500-E	\$ 3.85
	ACS#2	Seal, O' Ring, EPDM	(1000 ml)	ACS-4-1000-E	\$ 5.35
	ACS#2	Seal, O' Ring, EPDM	(2000 ml)	ACS-4-2000-E	\$ 6.50
	ACS#2	Seal, O' Ring, EPDM	(4000 ml)	ACS-4-4000-E	\$ 16.00
	ACS#2	Seal, O' Ring, EPDM	(6000 ml)	ACS-4-6000-E	\$ 41.00
	ACS#2	Seal, O' Ring, EPDM	(8000 ml)	ACS-4-8000-E	\$ 41.00
	ACS#2	Seal, O' Ring, EPDM	(10000 ml)	ACS-4-10000-E	\$ 41.00
	ACS#2	Seal, O' Ring, EPDM	(20000 ml)	ACS-4-20000-E	\$ 48.00
5	ACS#2	Seal, O' Ring, Buna	(100 ml)	ACS-5-100	\$ 0.68
	ACS#2	Seal, O' Ring, Buna	(250 ml)	ACS-5-250	\$ 0.96
	ACS#2	Seal, O' Ring, Buna	(500 ml)	ACS-5-500	\$ 1.45
	ACS#2	Seal, O' Ring, Buna	(1000 ml)	ACS-5-1000	\$ 1.45
	ACS#2	SEAL, O' RING, Buna	(2000 ml)	ACS-5-2000	\$ 1.45
	ACS#2	SEAL, O' RING, Buna	(4000 ml)	ACS-5-4000	\$ 3.85
	ACS#2	SEAL, O' RING, Buna	(6000 ml)	ACS-5-6000	\$ 4.15
	ACS#2	SEAL, O' RING, Buna	(8000 ml)	ACS-5-8000	\$ 4.15
	ACS#2	SEAL, O' RING, Buna	(10000 ml)	ACS-5-10000	\$ 4.15
	ACS#2	SEAL, O' RING, Buna	(20000 ml)	ACS-5-20000	\$ 4.15
6	ACS#2	Rod, 304 S/S	Rods for Plastic Flanged Units	ACS-6-100	\$ 7.05

Accudraw Calibration Cylinder – ACS#2

CODE E

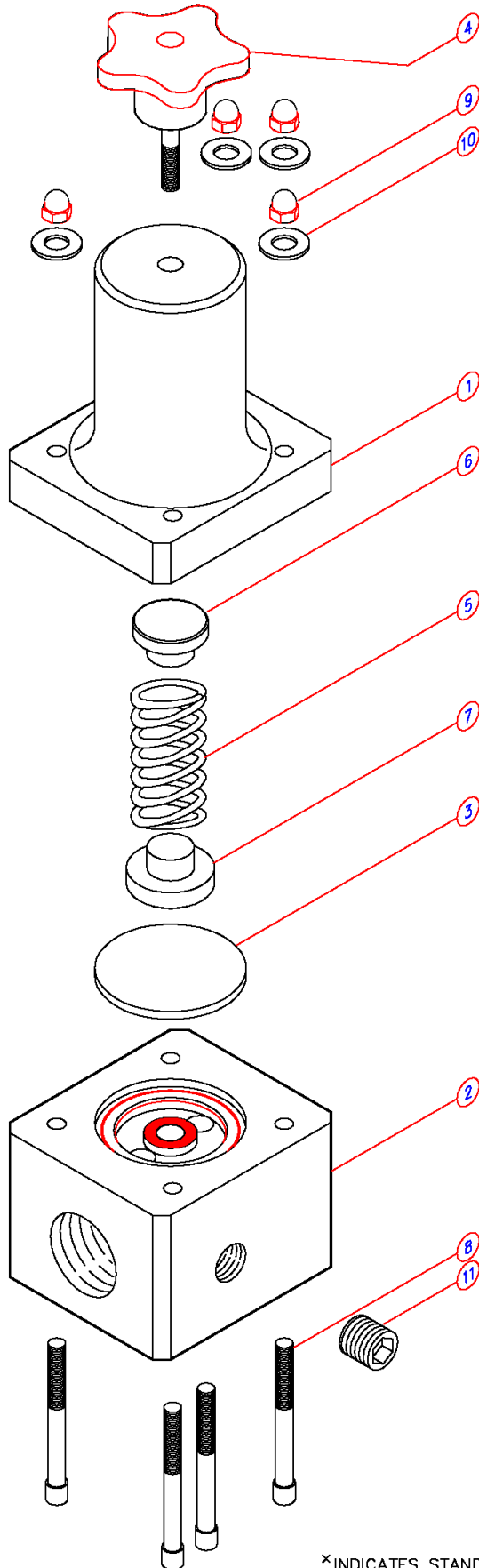
Item #	Model	Description	Size/Material	Part #	Price USA
	ACS#2	Rod, 304 S/S	Rods for Plastic Flanged Units	ACS-6-250	\$ 7.65
	ACS#2	Rod, 304 S/S	Rods for Plastic Flanged Units	ACS-6-500	\$ 7.65
	ACS#2	Rod, 304 S/S	Rods for Plastic Flanged Units	ACS-6-1000	\$ 7.65
	ACS#2	Rod, 304 S/S	Rods for Plastic Flanged Units	ACS-6-2000	\$ 8.25
	ACS#2	Rod, 304 S/S	Rods for Plastic Flanged Units	ACS-6-4000	\$ 9.40
	ACS#2	Rod, 304 S/S	Rods for Plastic Flanged Units	ACS-6-6000	\$ 75.00
	ACS#2	Rod, 304 S/S	Rods for Plastic Flanged Units	ACS-6-8000	\$ 83.00
	ACS#2	Rod, 304 S/S	Rods for Plastic Flanged Units	ACS-6-10000	\$ 86.00
	ACS#2	Rod, 304 S/S	Rods for Plastic Flanged Units	ACS-6-20000	\$ 109.00
	ACS#2	Rod, 304 S/S	M= (Rods For Alloy Flanged Units Only)	ACS-6-100-M	\$ 7.05
	ACS#2	Rod, 304 S/S	M= (Rods For Alloy Flanged Units Only)	ACS-6-250-M	\$ 7.65
	ACS#2	Rod, 304 S/S	M= (Rods For Alloy Flanged Units Only)	ACS-6-500-M	\$ 7.65
	ACS#2	Rod, 304 S/S	M= (Rods For Alloy Flanged Units Only)	ACS-6-1000-M	\$ 7.65
	ACS#2	Rod, 304 S/S	M= (Rods For Alloy Flanged Units Only)	ACS-6-2000-M	\$ 8.25
	ACS#2	Rod, 304 S/S	M= (Rods For Alloy Flanged Units Only)	ACS-6-4000-M	\$ 9.40
	ACS#2	Rod, 304 S/S	M= (Rods For Alloy Flanged Units Only)	ACS-6-6000-M	\$ 81.00
	ACS#2	Rod, 304 S/S	M= (Rods For Alloy Flanged Units Only)	ACS-6-8000-M	\$ 83.00
	ACS#2	Rod, 304 S/S	M= (Rods For Alloy Flanged Units Only)	ACS-6-10000-M	\$ 86.00
	ACS#2	Rod, 304 S/S	M= (Rods For Alloy Flanged Units Only)	ACS-6-20000-M	Call Factory
7	ACS#2	Washer, Flat, S/S	⊗ 25 = (Size 100 and 250 Units)	TVW-10-⊗	\$ 1.50
	ACS#2	Washer, Flat, S/S	⊗ 51 = (Size 500 and 10000 Units)	TVW-10-⊗	\$ 1.50
	ACS#2	Washer, Flat, S/S	⊗ 516 = (20000 Units)	TVW-10-⊗	\$ 1.50
8	ACS#2	Nut, Acorn, S/S	⊗ 25 = (Size 100 and 250 Units)	TVN-9-⊗	\$ 2.75
	ACS#2	Nut, Acorn, S/S	⊗ 51 = (Size 500 and 10000 Units)	TVN-9-⊗	\$ 2.75
	ACS#2	Nut, Acorn, S/S	⊗ 516 = (20000 Units)	TVN-9-⊗	\$ 2.75
9	Label Accudraw "Caution" Not A Pressure Vessel Sticker			ACCUDRAW-LABELC	\$ 0.80

Recommended Spare Parts Pro-Kit

CODE E

Part #	To Suit Model #	Description	Price USA
ACS-100V	ACS#2-100GTV, GKV, GCV & GSV	Items include: 1, 2, 4, 5, 9	\$ 172.00
ACS-100E	ACS#2-100GTE, GKE, GCE & GSE	Items include: 1, 2, 4, 5, 9	\$ 172.00
ACS-250V	ACS#2-250GTV, GKV, GCV & GSV	Items include: 1, 2, 4, 5, 9	\$ 201.00
ACS-250E	ACS#2-250GTE, GKE, GCE & GSE	Items include: 1, 2, 4, 5, 9	\$ 201.00
ACS-500V	ACS#2-500GTV, GKV, GCV & GSV	Items include: 1, 2, 4, 5, 9	\$ 262.00
ACS-500E	ACS#2-500GTE, GKE, GCE & GSE	Items include: 1, 2, 4, 5, 9	\$ 262.00
ACS-1000V	ACS#2-1000GTV, GKV, GCV & GSV	Items include: 1, 2, 4, 5, 9	\$ 435.00
ACS-1000E	ACS#2-1000GTE, GKE, GCE & GSE	Items include: 1, 2, 4, 5, 9	\$ 435.00
ACS-2000V	ACS#2-2000GTV, GKV, GCV & GSV	Items include: 1, 2, 4, 5, 9	\$ 650.00
ACS-2000E	ACS#2-2000GTE, GKE, GCE & GSE	Items include: 1, 2, 4, 5, 9	\$ 650.00
ACS-4000V	ACS#2-4000GTV, GKV, GCV & GSV	Items include: 1, 2, 4, 5, 9	\$1,138.00
ACS-4000E	ACS#2-4000GTE, GKE, GCE & GSE	Items include: 1, 2, 4, 5, 9	\$1,138.00
ACS-6000V	ACS#2-6000GTV, GKV, GCV & GSV	Items include: 1, 2, 4, 5, 9	\$2,283.00
ACS-6000E	ACS#2-6000GTE, GKE, GCE & GSE	Items include: 1, 2, 4, 5, 9	\$2,283.00
ACS-8000V	ACS#2-8000GTV, GKV, GCV & GSV	Items include: 1, 2, 4, 5, 9	\$3,037.00
ACS-8000E	ACS#2-8000GTE, GKE, GCE & GSE	Items include: 1, 2, 4, 5, 9	\$3,037.00
ACS-10000V	ACS#2-10000GTV, GKV, GCV & GSV	Items include: 1, 2, 4, 5, 9	\$3,545.00
ACS-10000E	ACS#2-10000GTE, GKE, GCE & GSE	Items include: 1, 2, 4, 5, 9	\$3,545.00
ACS-20000V	ACS#2-20000GTE, GKE, GCE & GSE	Items include: 1, 2, 4, 5, 9	\$6,389.00
ACS-20000E	ACS#2-20000GTE, GKE, GCE & GSE	Items include: 1, 2, 4, 5, 9	\$6,389.00

Back Pressure & Pressure Relief Valve– Exploded Parts View



MATERIAL/SIZE CODING

X = PVC = (TYPE 1 PVC)
X = CPVC = (CPVC CORZAN)
X = S6 = (316 STAINLESS STEEL)
X = A = (ALUMINUM)
X = P = (POLYCARBONATE)

** = 25 = 1/4" & 1/4/1/2" VALVES
** = 57 = 1/2" & 3/4" VALVES
** = 10 = 1" VALVES
** = 15 = 1-1/2" VALVES
** = 20 = 2" VALVES

Ω = B = BACK PRESSURE
Ω = P = PRESSURE RELIEF

Ø = "BLANK" = STD PTFE LAM. EPDM^x
Ø = V = OPTIONAL VITON
Ø = E = OPTIONAL EPDM
Ø = P = OPTIONAL PVC

Φ = 25 = 1/4" VALVES
Φ = 45 = 1/4/1/2" VALVES
Φ = 50 = 1/2" VALVES
Φ = 75 = 3/4" VALVES
Φ = 10 = 1" VALVES
Φ = 15 = 1-1/2" VALVES
Φ = 20 = 2" VALVES

^ = PVC = (PVC TYPE 1)
^ = CPVC = (CPVC CORZAN)
^ = PP= (POLYPROPYLENE)
^ = PVDF = (POLYVINYLIDENE FLUORIDE KYNAR)
^ = S/S = (316 STAINLESS STEEL)
^ = HASTC = (HASTELLOY C276)
^ = ALL20 = (ALLOY20)

⊗ = G = GREEN = 1/4" VALVES
⊗ = O = ORANGE = 1/4/1/2" VALVES
⊗ = Y = YELLOW = 1/2" VALVES
⊗ = R = RED = 3/4" VALVES
⊗ = B = BLUE = 1" VALVES
⊗ = BK = BLACK = 1-1/2" VALVES
⊗ = W = WHITE = 2" VALVES

⊕ = 25 = 1/4" & 1/4"/1/2" VALVES
⊕ = 51 = 1/2" THRU 2" VALVES

ITEM#	QTY	DESCRIPTION	PART#
1	1	TOP	TVT-1 <u>X</u> - **
2	1	BODY	TV <u>Ω</u> -2 <u>^</u> - Φ
3	1	DIAPHRAGM	TVD-3- ** - Ø
4	1	KNOB	TV⊗K-4
5	1	SPRING	TVS-5-⊕
6	1	TOP DISC	TVTD-6-⊕
7	1	BOTTOM DISC	TVBD-7-⊕
8	4	BOLTS*	TV <u>Ω</u> B-8 -**
9	4	NUTS	TVN-9-⊕
10	4	WASHERS	TVW-10-⊕
11	1	GAUGE PLUG (OPTIONAL)	TVP-11- ^

UNDERLINED ITEMS REQUIRE CODES FROM ABOVE CHART

*1-1/2" PRESSURE RELIEF VALVES USE TVBB-8-15

*2" PRESSURE RELIEF VALVES USE TVBB-8-20

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS INC.

PRIMARY FLUID SYSTEMS INC.

1050 Cooke Blvd, Burlington, Ontario L7T 4A8

BACK PRESSURE & PRESSURE RELIEF VALVE EXPLODED PARTS VIEW

DATE ISSUED: 1/27/2017 SCALE: NTS SHEET: 1 OF 1

PROJECT: TOP VALVE DRAWN BY: BRB

APPROVED BY:

DWG NO:

TV-PA-257520STD-XPL

REV.#
6

*INDICATES STANDARD CONSTRUCTION

Top Valve

CODE E

Item #	Description	Material	Size	Part #	Price USA
1	Top	(Type 1 PVC)	1/4" & 1/4/1/2" Valve	TVT-1PVC-25	\$ 106.00
	Top	(Type 1 PVC)	1/2" & 3/4" Valve	TVT-1PVC-57	\$ 122.00
	Top	(Type 1 PVC)	1" Valve	TVT-1PVC-10	\$ 163.00
	Top	(Type 1 PVC)	1-1/2" Valve	TVT-1PVC-15	\$ 182.00
	Top	(Type 1 PVC)	2" Valve	TVT-1PVC-20	\$ 182.00
	Top	CPVC (Corzan)	1/4" & 1/4/1/2" Valve	TVT-1CPVC-25	\$ 353.00
	Top	CPVC (Corzan)	1/2" & 3/4" Valve	TVT-1CPVC-57	\$ 406.00
	Top	CPVC (Corzan)	1" Valve	TVT-1CPVC-10	\$ 471.00
	Top	CPVC (Corzan)	1-1/2" Valve	TVT-1CPVC-15	\$ 728.00
	Top	CPVC (Corzan)	2" Valve	TVT-1CPVC-20	\$ 728.00
	Top	(Aluminum)	1/4" & 1/4/1/2" Valve	TVT-1A-25	\$ 236.00
	Top	(Aluminum)	1/2" & 3/4" Valve	TVT-1A-57	\$ 312.00
	Top	(Aluminum)	1" Valve	TVT-1A-10	\$ 392.00
	Top	(Aluminum)	1-1/2" Valve	TVT-1A-15	\$ 509.00
	Top	(Aluminum)	2" Valve	TVT-1A-20	\$ 509.00
	Top	(316 Stainless Steel)	1/4" & 1/4/1/2" Valve	TVT-1S6-25	\$ 431.00
	Top	(316 Stainless Steel)	1/2" & 3/4" Valve	TVT-1S6-57	\$ 509.00
	Top	(316 Stainless Steel)	1" Valve	TVT-1S6-10	\$ 544.00
	Top	(316 Stainless Steel)	1-1/2" Valve	TVT-1S6-15	\$ 939.00
	Top	(316 Stainless Steel)	2" Valve	TVT-1S6-20	\$ 939.00
	Top	(Polycarbonate)	1/4" & 1/4/1/2" Valve	TVT-1P-25	P.O.A.
	Top	(Polycarbonate)	1/2" & 3/4" Valve	TVT-1P-57	P.O.A.
	Top	(Polycarbonate)	1" Valve	TVT-1P-10	P.O.A.
	Top	(Polycarbonate))	1-1/2" Valve	TVT-1P-15	P.O.A.
	Top	(Polycarbonate)	2" Valve	TVT-1P-20	P.O.A.
2	Body Back Pressure	(Polyvinyl Chloride)	1/4" Valve	TVB-2PVC-25	\$ 216.00
	Body Back Pressure	(Polyvinyl Chloride)	1/4"/1/2" Valve	TVB-2PVC-45	\$ 220.00
	Body Back Pressure	(Polyvinyl Chloride)	1/2" Valve	TVB-2PVC-50	\$ 298.00
	Body Back Pressure	(Polyvinyl Chloride)	3/4" Valve	TVB-2PVC-75	\$ 298.00
	Body Back Pressure	(Polyvinyl Chloride)	1" Valve	TVB-2PVC-10	\$ 401.00
	Body Back Pressure	(Polyvinyl Chloride)	1-1/2" Valve	TVB-2PVC-15	\$ 612.00
	Body Back Pressure	(Polyvinyl Chloride)	2" Valve	TVB-2PVC-20	\$ 650.00
	Body Back Pressure	CPVC (Corzan)	1/4" Valve	TVB-2CPVC-25	\$ 228.00
	Body Back Pressure	CPVC (Corzan)	1/4"/1/2" Valve	TVB-2CPVC-45	\$ 265.00
	Body Back Pressure	CPVC (Corzan)	1/2" Valve	TVB-2CPVC-50	\$ 403.00
	Body Back Pressure	CPVC (Corzan)	3/4" Valve	TVB-2CPVC-75	\$ 414.00
	Body Back Pressure	CPVC (Corzan)	1" Valve	TVB-2CPVC-10	\$ 599.00
	Body Back Pressure	CPVC (Corzan)	1-1/2" Valve	TVB-2CPVC-15	\$ 892.00
	Body Back Pressure	CPVC (Corzan)	2" Valve	TVB-2CPVC-20	\$1,031.00
	Body Back Pressure	(Polypropylene)	1/4" Valve	TVB-2PP-25	\$ 136.00
	Body Back Pressure	(Polypropylene)	1/4"/1/2" Valve	TVB-2PP-45	\$ 144.00
	Body Back Pressure	(Polypropylene)	1/2" Valve	TVB-2PP-50	\$ 346.00
	Body Back Pressure	(Polypropylene)	3/4" Valve	TVB-2PP-75	\$ 346.00
	Body Back Pressure	(Polypropylene)	1" Valve	TVB-2PP-10	\$ 403.00
	Body Back Pressure	(Polypropylene)	1-1/2" Valve	TVB-2PP-15	\$ 656.00
	Body Back Pressure	(Polypropylene)	2" Valve	TVB-2PP-20	\$ 963.00
	Body Back Pressure	(Polyvinylidene Fluoride)	1/4" Valve	TVB-2PVDF-25	\$ 403.00
	Body Back Pressure	(Polyvinylidene Fluoride)	1/4"/1/2" Valve	TVB-2PVDF-45	\$ 583.00
	Body Back Pressure	(Polyvinylidene Fluoride)	1/2" Valve	TVB-2PVDF-50	\$ 717.00
	Body Back Pressure	(Polyvinylidene Fluoride)	3/4" Valve	TVB-2PVDF-75	\$ 779.00
	Body Back Pressure	(Polyvinylidene Fluoride)	1" Valve	TVB-2PVDF-10	\$1,178.00

Top Valve

CODE E

Item #	Description	Material	Size	Part #	Price USA
	Body Back Pressure	(Polyvinylidene Fluoride)	1-1/2" Valve	TVB-2PVDF-15	\$2,178.00
	Body Back Pressure	(Polyvinylidene Fluoride)	2" Valve	TVB-2PVDF-20	\$2,843.00
	Body Back Pressure	(316 Stainless Steel)	1/4" Valve	TVB-2S/S-25	\$ 608.00
	Body Back Pressure	(316 Stainless Steel)	1/4"/1/2" Valve	TVB-2S/S-45	\$ 621.00
	Body Back Pressure	(316 Stainless Steel)	1/2" Valve	TVB-2S/S-50	\$ 684.00
	Body Back Pressure	(316 Stainless Steel)	3/4" Valve	TVB-2S/S-75	\$ 703.00
	Body Back Pressure	(316 Stainless Steel)	1" Valve	TVB-2S/S-10	\$ 834.00
	Body Back Pressure	(316 Stainless Steel)	1-1/2" Valve	TVB-2S/S-15	\$ 916.00
	Body Back Pressure	(316 Stainless Steel)	2" Valve	TVB-2S/S6-20	\$1,154.00
	Body Back Pressure	(Hastelloy C 276)	1/4" Valve	TVB-2HASTC-25	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	1/4"/1/2" Valve	TVB-2HASTC-50	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	1/2" Valve	TVB-2HASTC-75	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	3/4" Valve	TVB-2HASTC-10	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	1" Valve	TVB-2HASTC-15	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	2" Valve	TVB-2HASTC-20	P.O.A.
	Body Back Pressure	(Alloy 20)	1/4" Valve	TVB-2ALL20-25	P.O.A.
	Body Back Pressure	(Alloy 20)	1/2" Valve	TVB-2ALL20-50	P.O.A.
	Body Back Pressure	(Alloy 20)	3/4" Valve	TVB-2ALL20-75	P.O.A.
	Body Back Pressure	(Alloy 20)	1" Valve	TVB-2ALL20-10	P.O.A.
	Body Back Pressure	(Alloy 20)	1-1/2" Valve	TVB-2ALL20-15	P.O.A.
	Body Back Pressure	(Alloy 20)	2" Valve	TVB-2ALL20-20	P.O.A.
	Body Pressure Relief	(Polyvinyl Chloride)	1/4" Valve	TVP-2PVC-25	\$ 261.00
	Body Pressure Relief	(Polyvinyl Chloride)	1/4"/1/2" Valve	TVP-2PVC-45	\$ 261.00
	Body Pressure Relief	(Polyvinyl Chloride)	1/2" Valve	TVP-2PVC-50	\$ 308.00
	Body Pressure Relief	(Polyvinyl Chloride)	3/4" Valve	TVP-2PVC-75	\$ 308.00
	Body Pressure Relief	(Polyvinyl Chloride)	1" Valve	TVP-2PVC-10	\$ 459.00
	Body Pressure Relief	(Polyvinyl Chloride)	1-1/2" Valve	TVP-2PVC-15	\$ 650.00
	Body Pressure Relief	(Polyvinyl Chloride)	2" Valve	TVP-2PVC-20	\$ 690.00
	Body Pressure Relief	CPVC (Corzan)	1/4" Valve	TVP-2CPVC-25	\$ 318.00
	Body Pressure Relief	CPVC (Corzan)	1/4"/1/2" Valve	TVP-2CPVC-45	\$ 318.00
	Body Pressure Relief	CPVC (Corzan)	1/2" Valve	TVP-2CPVC-50	\$ 444.00
	Body Pressure Relief	CPVC (Corzan)	3/4" Valve	TVP-2CPVC-75	\$ 606.00
	Body Pressure Relief	CPVC (Corzan)	1" Valve	TVP-2CPVC-10	\$ 968.00
	Body Pressure Relief	CPVC (Corzan)	1-1/2" Valve	TVP-2CPVC-15	\$ 948.00
	Body Pressure Relief	CPVC (Corzan)	2" Valve	TVP-2CPVC-20	\$1,031.00
	Body Pressure Relief	(Polypropylene)	1/4" Valve	TVP-2PP-25	\$ 312.00
	Body Pressure Relief	(Polypropylene)	1/4"/1/2" Valve	TVP-2PP-45	\$ 330.00
	Body Pressure Relief	(Polypropylene)	1/2" Valve	TVP-2PP-50	\$ 374.00
	Body Pressure Relief	(Polypropylene)	3/4" Valve	TVP-2PP-75	\$ 381.00
	Body Pressure Relief	(Polypropylene)	1" Valve	TVP-2PP-10	\$ 442.00
	Body Pressure Relief	(Polypropylene)	1-1/2" Valve	TVP-2PP-15	\$ 739.00
	Body Pressure Relief	(Polypropylene)	2" Valve	TVP-2PP-20	\$1,174.00
	Body Pressure Relief	(Polyvinylidene Fluoride)	1/4" Valve	TVP-2PVDF-25	\$ 456.00
	Body Pressure Relief	(Polyvinylidene Fluoride)	1/4"/1/2" Valve	TVP-2PVDF-45	\$ 594.00
	Body Pressure Relief	(Polyvinylidene Fluoride)	1/2" Valve	TVP-2PVDF-50	\$ 594.00
	Body Pressure Relief	(Polyvinylidene Fluoride)	3/4" Valve	TVP-2PVDF-75	\$ 796.00
	Body Pressure Relief	(Polyvinylidene Fluoride)	1" Valve	TVP-2PVDF-10	\$1,239.00
	Body Pressure Relief	(Polyvinylidene Fluoride)	1-1/2" Valve	TVP-2PVDF-15	\$2,296.00
	Body Pressure Relief	(Polyvinylidene Fluoride)	2" Valve	TVP-2PVDF-20	\$2,989.00
	Body Pressure Relief	(316 Stainless Steel)	1/4" Valve	TVP-2S/S-25	\$ 414.00
	Body Pressure Relief	(316 Stainless Steel)	1/4"/1/2" Valve	TVP-2S/S-45	\$ 421.00

Top Valve

CODE E

Item #	Description	Material	Size	Part #	Price USA
	Body Pressure Relief	(316 Stainless Steel)	1/2" Valve	TVP-2S/S-50	\$ 462.00
	Body Pressure Relief	(316 Stainless Steel)	3/4" Valve	TVP-2S/S-75	\$ 462.00
	Body Pressure Relief	(316 Stainless Steel)	1" Valve	TVP-2S/S-10	\$ 942.00
	Body Pressure Relief	(316 Stainless Steel)	1-1/2" Valve	TVP-2S/S-15	\$1,011.00
	Body Pressure Relief	(316 Stainless Steel)	2" Valve	TVP-2S/S-20	\$1,252.00
	Body Pressure Relief	(Hastelloy C 276)	1/4" Valve	TVP-2HASTC-25	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	1/2" Valve	TVP-2HASTC-50	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	3/4" Valve	TVP-2HASTC-75	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	1" Valve	TVP-2HASTC-10	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	1-1/2" Valve	TVP-2HASTC-15	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	2" Valve	TVP-2HASTC-20	P.O.A.
	Body Pressure Relief	(Alloy 20)	1/4" Valve	TVP-2ALL20-25	P.O.A.
	Body Pressure Relief	(Alloy 20)	1/2" Valve	TVP-2ALL20-50	P.O.A.
	Body Pressure Relief	(Alloy 20)	3/4" Valve	TVP-2ALL20-75	P.O.A.
	Body Pressure Relief	(Alloy 20)	1" Valve	TVP-2ALL20-10	P.O.A.
	Body Pressure Relief	(Alloy 20)	1-1/2" Valve	TVP-2ALL20-15	P.O.A.
	Body Pressure Relief	(Alloy 20)	2" Valve	TVP-2ALL20-20	P.O.A.
Optional Gauge Port Add Suffix - G Additional Charge \$ 53.00					
3	Diaphragm	PTFE	1/4" & 1/4 1/2" Valve	TVD-3-25-1	\$ 36.00
	Diaphragm	PTFE	1/2" & 3/4" Valve	TVD-3-57	\$ 77.00
	Diaphragm	PTFE	1" Valve	TVD-3-10	\$ 87.00
	Diaphragm	PTFE	1-1/2" Valve	TVD-3-15	\$ 101.00
	Diaphragm	PTFE	2" Valve	TVD-3-20	\$ 101.00
	Diaphragm	EPDM	1/4" & 1/4 1/2" Valve	TVD-3-25-1-E	\$ 36.00
	Diaphragm	EPDM	1/2" & 3/4" Valve	TVD-3-57-E	\$ 77.00
	Diaphragm	EPDM	1" Valve	TVD-3-10-E	\$ 87.00
	Diaphragm	EPDM	1-1/2" Valve	TVD-3-15-E	\$ 101.00
	Diaphragm	EPDM	2" Valve	TVD-3-20-E	\$ 101.00
	Diaphragm	Viton	1/4" & 1/4 1/2" Valve	TVD-3-25-1-V	\$ 36.00
	Diaphragm	Viton	1/2" & 3/4" Valve	TVD-3-57-V	\$ 77.00
	Diaphragm	Viton	1" Valve	TVD-3-10-V	\$ 87.00
	Diaphragm	Viton	1-1/2" Valve	TVD-3-15-V	\$ 101.00
	Diaphragm	Viton	2" Valve	TVD-3-20-V	\$ 101.00
4	Knob	Nylon	G = Green 1/4" valve	TVGK-4	\$ 8.95
	Knob	Nylon	O = Orange 1/4" X 1/2" valve	TVOK-4	\$ 9.55
	Knob	Nylon	Y = Yellow 1/2" valve	TVYK-4	\$ 9.20
	Knob	Nylon	R = Red 3/4" valve	TVRK-4	\$ 10.75
	Knob	Nylon	B = Blue 1" valve	TVBK-4	\$ 14.75
	Knob	Nylon	BK = Black 1-1/2" valve	TVBKK-4	\$ 12.50
	Knob	Nylon	W = White 2" valve	TVWK-4	\$ 15.50
5	Spring	Stainless Steel	1/4" & 1/4 1/2" Valve	TVS-5-25	\$ 23.00
	Spring	Stainless Steel	1/2" thru 2" Valve	TVS-5-51	\$ 41.00
	Spring	Nickel Plated Stainless Steel	1/4" & 1/4 1/2" Valve	TVS-5-2H	\$ 140.00
	Spring	Nickel Plated Stainless Steel	1/2" thru 2" Valve	TVS-5-5H	\$ 196.00
6	Top Disc	Polypropylene	1/4" & 1/4 1/2" Valve	TVTD-6-25	\$ 7.80
	Top Disc	Polypropylene	1/2" thru 2" Valve	TVTD-6-51	\$ 7.80
	Top Disc	Aluminum	1/4" & 1/4 1/2" Valve	TVTD-6-2H	\$ 56.00
	Top Disc	Aluminum	1/2" thru 2" Valve	TVTD-6-5H	\$ 43.00

Top Valve

CODE E

Item #	Description	Material	Size	Part #	Price USA
7	Bottom Disc	Polypropylene	1/4" & 1/4/1/2" Valve	TVBD-7-25	\$ 8.65
	Bottom Disc	Polypropylene	1/2" thru 2" Valve	TVBD-7-51	\$ 8.65
	Bottom Disc	Aluminum	1/4" & 1/4/1/2" Valve	TVBD-7-2H	\$ 56.00
	Bottom Disc	Aluminum	1/2" thru 2" Valve	TVBD-7-5H	\$ 56.00
8	Bolts*	Stainless Steel	1/4" & 1/4/1/2" Valve	TVBB-8-25	\$ 2.85
	Bolts*	Stainless Steel	1/2" & 3/4" Valve	TVBB-8-57	\$ 2.85
	Bolts*	Stainless Steel	1" Valve	TVBB-8-10	\$ 5.70
	Bolts*	Stainless Steel	1-1/2" Valve	TVBB-8-15	\$ 7.80
	Bolts*	Stainless Steel	2" Valve	TVBB-8-20	\$ 13.25
	Bolts*	Stainless Steel	1/4" & 1/4/1/2" Valve	TVPB-8-25	\$ 3.10
	Bolts*	Stainless Steel	1/2" & 3/4" Valve	TVPB-8-57	\$ 3.10
	Bolts*	Stainless Steel	1" Valve	TVPB-8-10	\$ 5.70
	Bolts*	Stainless Steel	1-1/2" Valve	TVPB-8-15	\$ 7.45
*1-1/2" Pressure Relief Valves use TVBB-8-15					
*2" Pressure Relief Valves use TVBB-8-20					
9	Nuts	Stainless Steel	1/4" & 1/4/1/2" Valve	TVN-9-25	\$ 2.85
	Nuts	Stainless Steel	1/2" thru 2" Valve	TVN-9-51	\$ 2.85
10	Washers	Stainless Steel	1/4" & 1/4/1/2" Valve	TVW-10-25	\$ 1.55
	Washers	Stainless Steel	1/2" thru 2" Valve	TVW-10-51	\$ 1.55
11	Gauge Plug (Optional)	(Polyvinyl Chloride)	All Sizes	TVP-11PVC	\$ 8.65
	Gauge Plug (Optional)	CPVC (Corzan)	All Sizes	TVP-11CPVC	\$ 7.80
	Gauge Plug (Optional)	(Polypropylene)	All Sizes	TVP-11PP	\$ 7.80
	Gauge Plug (Optional)	(Polyvinylidene Fluoride)	All Sizes	TVP-11PVDF	\$ 15.50
	Gauge Plug (Optional)	(316 Stainless Steel)	All Sizes	TVP-11S/S6	\$ 10.25
	Gauge Plug (Optional)	(Hastelloy C 276)	All Sizes	TVP-11HAST	\$ 97.00
	Gauge Plug (Optional)	(Alloy 20)	All Sizes	TVP-11ALL20	\$ 66.00

Recommended Spare Parts

Pro-Kit

CODE E

Part #	To Suit Model #	Description	Price USA
TV25	TVBP & PR, 25 & 45 in all materials	Items include: 3, 5,6,7	\$ 72.00
TV25V	TVBP & PR, 25 & 45 in all materials	Items include: 3, 5,6,7	\$ 72.00
TV25E	TVBP & PR, 25 & 45 in all materials	Items include: 3, 5,6,7	\$ 72.00
TV57	TVBP & PR, 50 & 75 in all materials	Items include: 3, 5,6,7	\$ 133.00
TV57V	TVBP & PR, 50 & 75 in all materials	Items include: 3, 5,6,7	\$ 133.00
TV57E	TVBP & PR, 50 & 75 in all materials	Items include: 3, 5,6,7	\$ 133.00
TV10	TVBP & PR, 10 in all materials	Items include: 3, 5,6,7	\$ 143.00
TV10V	TVBP & PR, 10 in all materials	Items include: 3, 5,6,7	\$ 143.00
TV10E	TVBP & PR, 10 in all materials	Items include: 3, 5,6,7	\$ 143.00
TV15	TVBP & PR, 15 in all materials	Items include: 3, 5,6,7	\$ 158.00
TV15V	TVBP & PR, 15 in all materials	Items include: 3, 5,6,7	\$ 158.00
TV15E	TVBP & PR, 15 in all materials	Items include: 3, 5,6,7	\$ 158.00
TV20	TVBP & PR, 20 in all materials	Items include: 3, 5,6,7	\$ 158.00
TV20V	TVBP & PR, 20 in all materials	Items include: 3, 5,6,7	\$ 158.00
TV20E	TVBP & PR, 20 in all materials	Items include: 3, 5,6,7	\$ 158.00

Terms

Prices quoted are in US Funds

Net 30 days firm (upon approved credit)

F.O.B. Burlington, Ontario, Canada

All Freight charges are extra

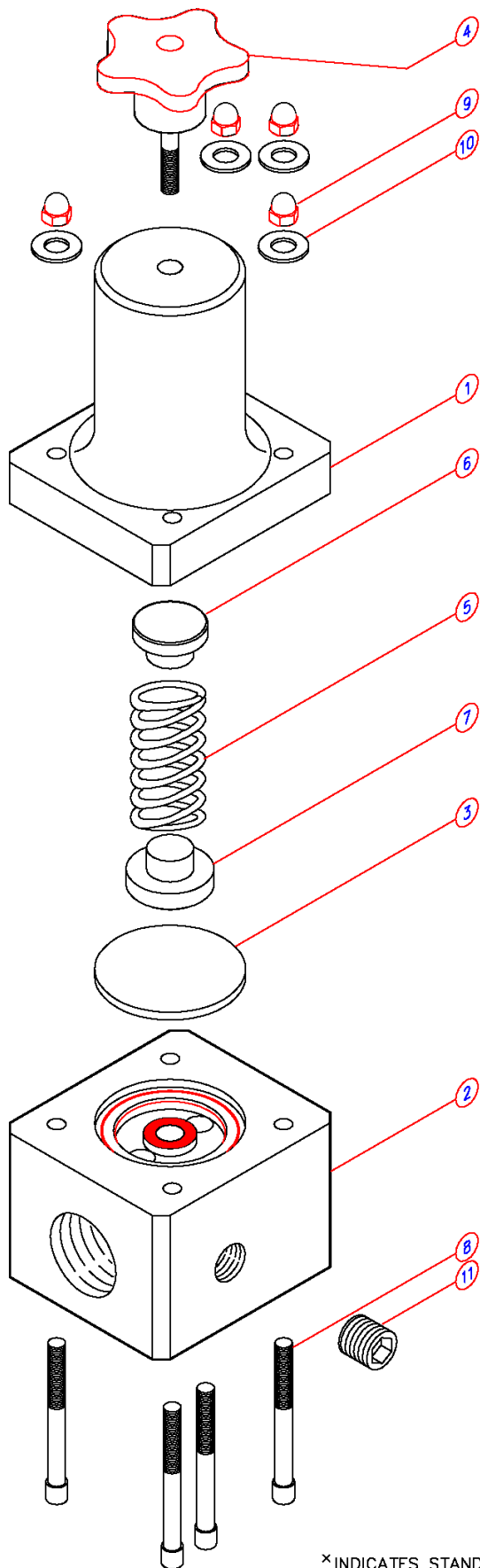
Stock to (1) one week normal delivery on standard items

Options and specials consult factory

Prices subject to change without notice

Minimum order of \$100.00 net

Pressure Relief Valve – 2 Port – Exploded Parts View



MATERIAL/SIZE CODING

X = PVC = (TYPE 1 PVC)
X = CPVC = (CPVC CORZAN)
X = S6 = (316 STAINLESS STEEL)
X = A = (ALUMINUM)
X = P = (POLYCARBONATE)

** = 25 = 1/4" & 1/4"/1/2" VALVES
** = 57 = 1/2" & 3/4" VALVES
** = 10 = 1" VALVES
** = 15 = 1-1/2" VALVES
** = 20 = 2" VALVES

Ω = B = 2 PORT PRESSURE RELIEF

Ø = "BLANK" = STD PTFE LAM. EPDM^x
Ø = V = OPTIONAL VITON
Ø = E = OPTIONAL EPDM
Ø = P = OPTIONAL PVC

Φ = 25 = 1/4" VALVES
Φ = 45 = 1/4"/1/2" VALVES
Φ = 50 = 1/2" VALVES
Φ = 75 = 3/4" VALVES
Φ = 10 = 1" VALVES
Φ = 15 = 1-1/2" VALVES
Φ = 20 = 2" VALVES

^ = PVC = (PVC TYPE 1)
^ = CPVC = (CPVC CORZAN)
^ = PP = (POLYPROPYLENE)
^ = PVDF = (POLYVINYLIDENE FLUORIDE KYNAR)
^ = S/S = (316 STAINLESS STEEL)
^ = HASTC = (HASTELLOY C276)
^ = ALL20 = (ALLOY20)

⊗ = G = GREEN = 1/4" VALVES
⊗ = O = ORANGE = 1/4"/1/2" VALVES
⊗ = Y = YELLOW = 1/2" VALVES
⊗ = R = RED = 3/4" VALVES
⊗ = B = BLUE = 1" VALVES
⊗ = BK = BLACK = 1-1/2" VALVES
⊗ = W = WHITE = 2" VALVES

⊕ = 25 = 1/4" & 1/4"/1/2" VALVES
⊕ = 51 = 1/2" THRU 2" VALVES

ITEM#	QTY	DESCRIPTION	PART#
1	1	TOP	TVT-1 X - **
2	1	BODY	TVΩ-2 ^ - Φ
3	1	DIAPHRAGM	TVD-3- ** - Ø
4	1	KNOB	TV⊗K-4
5	1	SPRING	TVS-5-⊕
6	1	TOP DISC	TVTD-6-⊕
7	1	BOTTOM DISC	TVBD-7-⊕
8	4	BOLTS*	TVΩB-8 -**
9	4	NUTS	TVN-9-⊕
10	4	WASHERS	TVW-10-⊕
11	1	GAUGE PLUG (OPTIONAL)	TVP-11- ^

*UNDERLINED ITEMS REQUIRE CODES FROM ABOVE CHART

*1-1/2" PRESSURE RELIEF VALVES USE TVBB-8-15

*2" PRESSURE RELIEF VALVES USE TVBB-8-20

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS INC.

PRIMARY FLUID SYSTEMS INC.

1050 Cooke Blvd., Burlington, Ontario L7T 4A8

2-PORT PRESSURE RELIEF VALVE EXPLODED PARTS VIEW

DATE ISSUED: 1/27/2017 SCALE: NTS SHEET: 1 OF 1

PROJECT: TOP VALVE DRAWN BY: BRB

APPROVED BY: DWG NO: TV-2PA-257520STD-XPL

REV.# 2

*INDICATES STANDARD CONSTRUCTION

TOP VALVE – 2 PORT

CODE E

Item #	Description	Material	Size	Part #	Price USA
1	Top	(Type 1 PVC)	1/4" & 1/4/1/2" Valve	TVT-1PVC-25	\$ 106.00
	Top	(Type 1 PVC)	1/2" & 3/4" Valve	TVT-1PVC-57	\$ 122.00
	Top	(Type 1 PVC)	1" Valve	TVT-1PVC-10	\$ 163.00
	Top	(Type 1 PVC)	1-1/2" Valve	TVT-1PVC-15	\$ 182.00
	Top	(Type 1 PVC)	2" Valve	TVT-1PVC-20	\$ 182.00
	Top	CPVC (Corzan)	1/4" & 1/4/1/2" Valve	TVT-1CPVC-25	\$ 353.00
	Top	CPVC (Corzan)	1/2" & 3/4" Valve	TVT-1CPVC-57	\$ 406.00
	Top	CPVC (Corzan)	1" Valve	TVT-1CPVC-10	\$ 471.00
	Top	CPVC (Corzan)	1-1/2" Valve	TVT-1CPVC-15	\$ 728.00
	Top	CPVC (Corzan)	2" Valve	TVT-1CPVC-20	\$ 728.00
	Top	(Aluminum)	1/4" & 1/4/1/2" Valve	TVT-1A-25	\$ 236.00
	Top	(Aluminum)	1/2" & 3/4" Valve	TVT-1A-57	\$ 312.00
	Top	(Aluminum)	1" Valve	TVT-1A-10	\$ 392.00
	Top	(Aluminum)	1-1/2" Valve	TVT-1A-15	\$ 509.00
	Top	(Aluminum)	2" Valve	TVT-1A-20	\$ 509.00
	Top	(316 Stainless Steel)	1/4" & 1/4/1/2" Valve	TVT-1S6-25	\$ 431.00
	Top	(316 Stainless Steel)	1/2" & 3/4" Valve	TVT-1S6-57	\$ 509.00
	Top	(316 Stainless Steel)	1" Valve	TVT-1S6-10	\$ 555.00
	Top	(316 Stainless Steel)	1-1/2" Valve	TVT-1S6-15	\$ 939.00
	Top	(316 Stainless Steel)	2" Valve	TVT-1S6-20	\$ 939.00
	Top	(Polycarbonate)	1/4" & 1/4/1/2" Valve	TVT-1P-25	P.O.A.
	Top	(Polycarbonate)	1/2" & 3/4" Valve	TVT-1P-57	P.O.A.
	Top	(Polycarbonate)	1" Valve	TVT-1P-10	P.O.A.
	Top	(Polycarbonate)	1-1/2" Valve	TVT-1P-15	P.O.A.
	Top	(Polycarbonate)	2" Valve	TVT-1P-20	P.O.A.
2	Body Pressure Relief-2 Port	(Polyvinyl Chloride)	1/4" Valve	TVB-2PVC-25	\$ 216.00
	Body Pressure Relief-2 Port	(Polyvinyl Chloride)	1/4"/1/2" Valve	TVB-2PVC-45	\$ 220.00
	Body Pressure Relief-2 Port	(Polyvinyl Chloride)	1/2" Valve	TVB-2PVC-50	\$ 298.00
	Body Pressure Relief-2 Port	(Polyvinyl Chloride)	3/4" Valve	TVB-2PVC-75	\$ 298.00
	Body Pressure Relief-2 Port	(Polyvinyl Chloride)	1" Valve	TVB-2PVC-10	\$ 403.00
	Body Pressure Relief-2 Port	(Polyvinyl Chloride)	1-1/2" Valve	TVB -2PVC-15	\$ 612.00
	Body Pressure Relief-2 Port	(Polyvinyl Chloride)	2" Valve	TVB -2PVC-20	\$ 650.00
	Body Pressure Relief-2 Port	CPVC (Corzan)	1/4" Valve	TVB-2CPVC-25	\$ 228.00
	Body Pressure Relief-2 Port	CPVC (Corzan)	1/4"/1/2" Valve	TVB-2CPVC-45	\$ 265.00
	Body Pressure Relief-2 Port	CPVC (Corzan)	1/2" Valve	TVB-2CPVC-50	\$ 403.00
	Body Pressure Relief-2 Port	CPVC (Corzan)	3/4" Valve	TVB-2CPVC-75	\$ 414.00
	Body Pressure Relief-2 Port	CPVC (Corzan)	1" Valve	TVB-2CPVC-10	\$ 600.00
	Body Pressure Relief-2 Port	CPVC (Corzan)	1-1/2" Valve	TVB-2CPVC-15	\$ 892.00
	Body Pressure Relief-2 Port	CPVC (Corzan)	2" Valve	TVB-2CPVC-20	\$1,031.00
	Body Pressure Relief-2 Port	(Polypropylene)	1/4" Valve	TVB-2PP-25	\$ 136.00
	Body Pressure Relief-2 Port	(Polypropylene)	1/4"/1/2" Valve	TVB-2PP-45	\$ 144.00
	Body Pressure Relief-2 Port	(Polypropylene)	1/2" Valve	TVB-2PP-50	\$ 346.00
	Body Pressure Relief-2 Port	(Polypropylene)	3/4" Valve	TVB-2PP-75	\$ 346.00
	Body Pressure Relief-2 Port	(Polypropylene)	1" Valve	TVB-2PP-10	\$ 403.00
	Body Pressure Relief-2 Port	(Polypropylene)	1-1/2" Valve	TVB-2PP-15	\$ 656.00
	Body Pressure Relief-2 Port	(Polypropylene)	2" Valve	TVB-2PP-20	\$ 963.00
	Body Pressure Relief-2 Port	(Polyvinylidene Fluoride)	1/4" Valve	TVB-2PVDF-25	\$ 407.00
	Body Pressure Relief-2 Port	(Polyvinylidene Fluoride)	1/4"/1/2" Valve	TVB-2PVDF-45	\$ 583.00
	Body Pressure Relief-2 Port	(Polyvinylidene Fluoride)	1/2" Valve	TVB-2PVDF-50	\$ 717.00
	Body Pressure Relief-2 Port	(Polyvinylidene Fluoride)	3/4" Valve	TVB-2PVDF-75	\$ 779.00
	Body Pressure Relief-2 Port	(Polyvinylidene Fluoride)	1" Valve	TVB-2PVDF-10	\$1,178.00
	Body Pressure Relief-2 Port	(Polyvinylidene Fluoride)	1-1/2" Valve	TVB-2PVDF-15	\$2,178.00
	Body Pressure Relief-2 Port	(Polyvinylidene Fluoride)	2" Valve	TVB-2PVDF-20	\$2,843.00
	Body Pressure Relief-2 Port	(316 Stainless Steel)	1/4" Valve	TVB-2S/S-25	\$ 608.00
	Body Pressure Relief-2 Port	(316 Stainless Steel)	1/4"/1/2" Valve	TVB-2S/S-45	\$ 621.00
	Body Pressure Relief-2 Port	(316 Stainless Steel)	1/2" Valve	TVB-2S/S-50	\$ 684.00
	Body Pressure Relief-2 Port	(316 Stainless Steel)	3/4" Valve	TVB-2S/S-75	\$ 703.00
	Body Pressure Relief-2 Port	(316 Stainless Steel)	1" Valve	TVB-2S/S-10	\$ 834.00
	Body Pressure Relief-2 Port	(316 Stainless Steel)	1-1/2" Valve	TVB-2S/S-15	\$ 916.00
	Body Pressure Relief-2 Port	(316 Stainless Steel)	2" Valve	TVB-2S/S6-20	\$1,154.00
	Body Pressure Relief-2 Port	(Hastelloy C 276)	1/4" Valve	TVB-2HASTC-25	P.O.A.
	Body Pressure Relief-2 Port	(Hastelloy C 276)	1/4"/1/2" Valve	TVB -2HASTC-50	P.O.A.

TOP VALVE – 2 PORT

CODE E

Item #	Description	Material	Size	Part #	Price USA
	Body Pressure Relief-2 Port	(Hastelloy C 276)	1/2" Valve	TVB-2HASTC-75	P.O.A.
	Body Pressure Relief-2 Port	(Hastelloy C 276)	3/4" Valve	TVB-2HASTC-10	P.O.A.
	Body Pressure Relief-2 Port	(Hastelloy C 276)	1" Valve	TVB-2HASTC-15	P.O.A.
	Body Pressure Relief-2 Port	(Hastelloy C 276)	2" Valve	TVB-2HASTC-20	P.O.A.
	Body Pressure Relief-2 Port	(Alloy 20)	1/4" Valve	TVB-2ALL20-25	P.O.A.
	Body Pressure Relief-2 Port	(Alloy 20)	1/2" Valve	TVB-2ALL20-50	P.O.A.
	Body Pressure Relief-2 Port	(Alloy 20)	3/4" Valve	TVB-2ALL20-75	P.O.A.
	Body Pressure Relief-2 Port	(Alloy 20)	1" Valve	TVB-2ALL20-10	P.O.A.
	Body Pressure Relief-2 Port	(Alloy 20)	1-1/2" Valve	TVB-2ALL20-15	P.O.A.
	Body Pressure Relief-2 Port	(Alloy 20)	2" Valve	TVB-2ALL20-20	P.O.A.
Optional Gauge Port Add Suffix - G Additional Charge \$ 53.00					
3	Diaphragm	PTFE	1/4" & 1/4-1/2" Valve	TVD-3-25-1	\$ 36.00
	Diaphragm	PTFE	1/2" & 3/4" Valve	TVD-3-57	\$ 77.00
	Diaphragm	PTFE	1" Valve	TVD-3-10	\$ 87.00
	Diaphragm	PTFE	1-1/2" Valve	TVD-3-15	\$ 101.00
	Diaphragm	PTFE	2" Valve	TVD-3-20	\$ 101.00
	Diaphragm	EPDM	1/4" & 1/4-1/2" Valve	TVD-3-25-1-E	\$ 36.00
	Diaphragm	EPDM	1/2" & 3/4" Valve	TVD-3-57-E	\$ 77.00
	Diaphragm	EPDM	1" Valve	TVD-3-10-E	\$ 87.00
	Diaphragm	EPDM	1-1/2" Valve	TVD-3-15-E	\$ 101.00
	Diaphragm	EPDM	2" Valve	TVD-3-20-E	\$ 101.00
	Diaphragm	Viton	1/4" & 1/4-1/2" Valve	TVD-3-25-1-V	\$ 36.00
	Diaphragm	Viton	1/2" & 3/4" Valve	TVD-3-57-V	\$ 77.00
	Diaphragm	Viton	1" Valve	TVD-3-10-V	\$ 87.00
	Diaphragm	Viton	1-1/2" Valve	TVD-3-15-V	\$ 101.00
	Diaphragm	Viton	2" Valve	TVD-3-20-V	\$ 101.00
4	Knob	Nylon	G = Green 1/4" valve	TVGK-4	\$ 8.95
	Knob	Nylon	O = Orange 1/4" X 1/2" valve	TVOK-4	\$ 9.55
	Knob	Nylon	Y = Yellow 1/2" valve	TVYK-4	\$ 9.20
	Knob	Nylon	R = Red 3/4" valve	TVRK-4	\$ 10.75
	Knob	Nylon	B= Blue 1" valve	TVBK-4	\$ 14.75
	Knob	Nylon	BK = Black 1-1/2" valve	TVBKK-4	\$ 12.50
	Knob	Nylon	W = White 2" valve	TVWK-4	\$ 15.50
5	Spring	Stainless Steel	1/4" & 1/4-1/2" Valve	TVS-5-25	\$ 23.00
	Spring	Stainless Steel	1/2" thru 2" Valve	TVS-5-51	\$ 41.00
6	Top Disc	Polypropylene	1/4" & 1/4-1/2" Valve	TVTD-6-25	\$ 7.80
	Top Disc	Polypropylene	1/2" thru 2" Valve	TVTD-6-51	\$ 7.80
7	Bottom Disc	Polypropylene	1/4" & 1/4-1/2" Valve	TVBD-7-25	\$ 8.65
	Bottom Disc	Polypropylene	1/2" thru 2" Valve	TVBD-7-51	\$ 8.65
8	Bolts*	Stainless Steel	1/4" & 1/4-1/2" Valve	TVBB-8-25	\$ 2.85
	Bolts*	Stainless Steel	1/2" & 3/4" Valve	TVBB-8-57	\$ 2.85
	Bolts*	Stainless Steel	1" Valve	TVBB-8-10	\$ 5.70
	Bolts*	Stainless Steel	1-1/2" Valve	TVBB-8-15	\$ 7.80
	Bolts*	Stainless Steel	2" Valve	TVBB-8-20	\$ 13.25
	Bolts*	Stainless Steel	1/4" & 1/4-1/2" Valve	TVPB-8-25	\$ 3.10
	Bolts*	Stainless Steel	1/2" & 3/4" Valve	TVPB-8-57	\$ 3.10
	Bolts*	Stainless Steel	1" Valve	TVPB-8-10	\$ 5.70
*1-1/2" Pressure Relief Valves use TVBB-8-15					
*2" Pressure Relief Valves use TVBB-8-20					
9	Nuts	Stainless Steel	1/4" & 1/4-1/2" Valve	TVN-9-25	\$ 2.85
	Nuts	Stainless Steel	1/2" thru 2" Valve	TVN-9-51	\$ 2.85
10	Washers	Stainless Steel	1/4" & 1/4-1/2" Valve	TVW-10-25	\$ 1.55
	Washers	Stainless Steel	1/2" thru 2" Valve	TVW-10-51	\$ 1.55
11	Gauge Plug (Optional)	(Polyvinyl Chloride)	All Sizes	TVP-11PVC	\$ 8.65
	Gauge Plug (Optional)	CPVC (Corzan)	All Sizes	TVP-11CPVC	\$ 7.80
	Gauge Plug (Optional)	(Polypropylene)	All Sizes	TVP-11PP	\$ 7.80
	Gauge Plug (Optional)	(Polyvinylidene Fluoride)	All Sizes	TVP-11PVDF	\$ 15.50
	Gauge Plug (Optional)	(316 Stainless Steel)	All Sizes	TVP-11S/S6	\$ 10.25
	Gauge Plug (Optional)	(Hastelloy C 276)	All Sizes	TVP-11HAST	\$ 97.00
	Gauge Plug (Optional)	(Alloy 20)	All Sizes	TVP-11ALL20	\$ 66.00

Recommended Spare Parts

Pro-Kit

CODE E

Part #	To Suit Model #	Description	Price USA
TV25	TVBP & PR, 25 & 45 in all materials	Items include: 3, 5,6,7	\$ 72.00
TV25V	TVBP & PR, 25 & 45 in all materials	Items include: 3, 5,6,7	\$ 72.00
TV25E	TVBP & PR, 25 & 45 in all materials	Items include: 3, 5,6,7	\$ 72.00
TV57	TVBP & PR, 50 & 75 in all materials	Items include: 3, 5,6,7	\$ 133.00
TV57V	TVBP & PR, 50 & 75 in all materials	Items include: 3, 5,6,7	\$ 133.00
TV57E	TVBP & PR, 50 & 75 in all materials	Items include: 3, 5,6,7	\$ 133.00
TV10	TVBP & PR, 10 in all materials	Items include: 3, 5,6,7	\$ 143.00
TV10V	TVBP & PR, 10 in all materials	Items include: 3, 5,6,7	\$ 143.00
TV10E	TVBP & PR, 10 in all materials	Items include: 3, 5,6,7	\$ 143.00
TV15	TVBP & PR, 15 in all materials	Items include: 3, 5,6,7	\$ 158.00
TV15V	TVBP & PR, 15 in all materials	Items include: 3, 5,6,7	\$ 158.00
TV15E	TVBP & PR, 15 in all materials	Items include: 3, 5,6,7	\$ 158.00
TV20	TVBP & PR, 20 in all materials	Items include: 3, 5,6,7	\$ 158.00
TV20V	TVBP & PR, 20 in all materials	Items include: 3, 5,6,7	\$ 158.00
TV20E	TVBP & PR, 20 in all materials	Items include: 3, 5,6,7	\$ 158.00

Terms

Prices quoted are in US Funds

Net 30 days firm (upon approved credit)

F.O.B. Burlington, Ontario, Canada

All Freight charges are extra

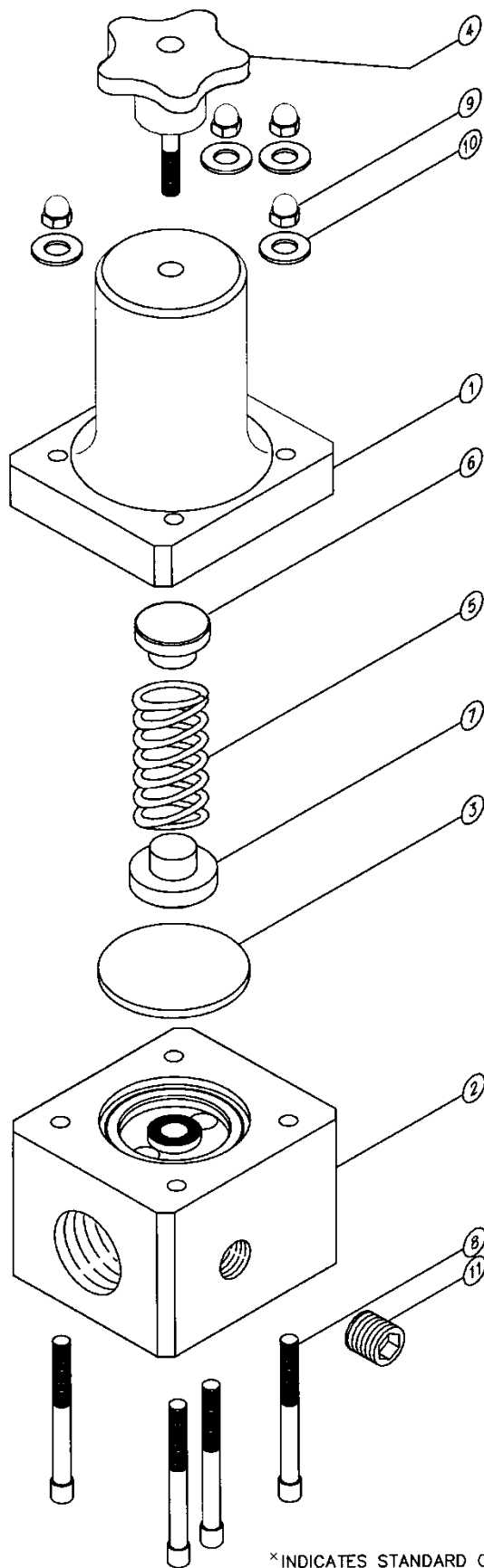
Stock to (1) one week normal delivery on standard items

Options and specials consult factory

Prices subject to change without notice

Minimum order of \$100.00 net

Back Pressure & Pressure Relief Valve – High Temperature – Exploded Parts View



MATERIAL/SIZE CODING

X = A = (ALUMINUM)^{*}

X = S6 = (316 STAINLESS STEEL)

** = 25 = 1/4" & 1/4"/1/2" VALVES

** = 57 = 1/2" & 3/4" VALVES

** = 10 = 1" VALVES

** = 15 = 1-1/2" VALVES

** = 20 = 2" VALVES

Ω = B = BACK PRESSURE

Ω = P = PRESSURE RELIEF

Ø = V = VITON^{*}

Ø = E = OPTIONAL EPDM

Φ = 25 = 1/4" VALVES

Φ = 45 = 1/4"/1/2" VALVES

Φ = 50 = 1/2" VALVES

Φ = 75 = 3/4" VALVES

Φ = 10 = 1" VALVES

Φ = 15 = 1-1/2" VALVES

Φ = 20 = 2" VALVES

^ = CPVC = (CPVC CORZAN)

^ = PVDF = (POLYVINYLIDENE FLUORIDE KYNAR)

^ = S/S = (316 STAINLESS STEEL)

^ = HASTC = (HASTELLOY C276)

^ = ALL20 = (ALLOY20)

⊗ = G = GREEN = 1/4" VALVES

⊗ = O = ORANGE = 1/4"/1/2" VALVES

⊗ = Y = YELLOW = 1/2" VALVES

⊗ = R = RED = 3/4" VALVES

⊗ = B = BLUE = 1" VALVES

⊗ = BK = BLACK = 1-1/2" VALVES

⊗ = W = WHITE = 2" VALVES

▽ = 2H = 1/4" & 1/4"/1/2" VALVES

▽ = 5T = 1/2" THRU 2" VALVES

⊕ = 25 = 1/4" & 1/4"/1/2" VALVES

⊕ = 51 = 1/2" THRU 2" VALVES

ITEM#	QTY	DESCRIPTION	PART#
1	1	TOP	TVT-1 <u>X</u> - **
2	1	BODY	TVΩ-2 <u>^</u> - Φ
3	1	DIAPHRAGM	TVD-3- ** - Ø
4	1	KNOB	TV⊗K-4
5	1	SPRING	TVS-5-⊕
6	1	TOP DISC	TVTD-6-▽
7	1	BOTTOM DISC	TVBD-7-▽
8	4	BOLTS*	TVΩB-8 -**
9	4	NUTS	TVN-9-⊕
10	4	WASHERS	TVW-10-⊕
11	1	GAUGE PLUG (OPTIONAL)	TVP-11- ^

* UNDERLINED ITEMS REQUIRE CODES FROM ABOVE CHART

*1-1/2" PRESSURE RELIEF VALVES USE TVBB-8-15

*2" PRESSURE RELIEF VALVES USE TVBB-8-20

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS. ACCEPTABILITY OF SPECIFICATIONS ARE THE CLIENT'S RESPONSIBILITY.

Primary Fluid Systems Inc.

1050 Cooke Boulevard, Burlington, Ontario L7T 4A8

**BACK PRESSURE & PRESSURE RELIEF VALVE
HIGH TEMP EXPLODED PARTS VIEW**

SCALE	NTS	DISC	v12	DRAWN BY	BRB
DATE	06 06 05	APPROVED		DWG NO.	EXTOPVALVEHT
PROJECT				REV.#	5

*INDICATES STANDARD CONSTRUCTION

Top Valve - High Temperature

CODE E

Item #	Description	Material	Size	Part #	Price USA
1	Top	(Aluminum)	1/4" & 1/4 1/2" Valve	TVT-1A-25	\$ 236.00
	Top	(Aluminum)	1/2" & 3/4" Valve	TVT-1A-57	\$ 312.00
	Top	(Aluminum)	1" Valve	TVT-1A-10	\$ 392.00
	Top	(Aluminum)	1-1/2" Valve	TVT-1A-15	\$ 509.00
	Top	(Aluminum)	2" Valve	TVT-1A-20	\$ 509.00
	Top	(316 Stainless Steel)	1/4" & 1/4 1/2" Valve	TVT-1S6-25	\$ 431.00
	Top	(316 Stainless Steel)	1/2" & 3/4" Valve	TVT-1S6-57	\$ 509.00
	Top	(316 Stainless Steel)	1" Valve	TVT-1S6-10	\$ 555.00
	Top	(316 Stainless Steel)	1-1/2" Valve	TVT-1S6-15	\$ 939.00
	Top	(316 Stainless Steel)	2" Valve	TVT-1S6-20	\$ 939.00
2	Body Back Pressure	CPVC (Corzan)	1/4" Valve	TVB-2CPVC-25	\$ 228.00
	Body Back Pressure	CPVC (Corzan)	1/4"/1/2" Valve	TVB-2CPVC-45	\$ 266.00
	Body Back Pressure	CPVC (Corzan)	1/2" Valve	TVB-2CPVC-50	\$ 403.00
	Body Back Pressure	CPVC (Corzan)	3/4" Valve	TVB-2CPVC-75	\$ 414.00
	Body Back Pressure	CPVC (Corzan)	1" Valve	TVB-2CPVC-10	\$ 599.00
	Body Back Pressure	CPVC (Corzan)	1-1/2" Valve	TVB-2CPVC-15	\$ 892.00
	Body Back Pressure	CPVC (Corzan)	2" Valve	TVB-2CPVC-20	\$1,031.00
	Body Back Pressure	(Polyvinylidene Fluoride)	1/4" Valve	TVB-2PVDF-25	\$ 403.00
	Body Back Pressure	(Polyvinylidene Fluoride)	1/4"/1/2" Valve	TVB-2PVDF-45	\$ 583.00
	Body Back Pressure	(Polyvinylidene Fluoride)	1/2" Valve	TVB-2PVDF-50	\$ 717.00
	Body Back Pressure	(Polyvinylidene Fluoride)	3/4" Valve	TVB-2PVDF-75	\$ 779.00
	Body Back Pressure	(Polyvinylidene Fluoride)	1" Valve	TVB-2PVDF-10	\$1,178.00
	Body Back Pressure	(Polyvinylidene Fluoride)	1-1/2" Valve	TVB-2PVDF-15	\$2,178.00
	Body Back Pressure	(Polyvinylidene Fluoride)	2" Valve	TVB-2PVDF-20	\$2,843.00
	Body Back Pressure	(316 Stainless Steel)	1/4" Valve	TVB-2S/S-25	\$ 608.00
	Body Back Pressure	(316 Stainless Steel)	1/4"/1/2" Valve	TVB-2S/S-45	\$ 621.00
	Body Back Pressure	(316 Stainless Steel)	1/2" Valve	TVB-2S/S-50	\$ 684.00
	Body Back Pressure	(316 Stainless Steel)	3/4" Valve	TVB-2S/S-75	\$ 703.00
	Body Back Pressure	(316 Stainless Steel)	1" Valve	TVB-2S/S-10	\$ 834.00
	Body Back Pressure	(316 Stainless Steel)	1-1/2" Valve	TVB-2S/S-15	\$ 916.00
	Body Back Pressure	(316 Stainless Steel)	2" Valve	TVB-2S/S6-20	\$1,154.00
	Body Back Pressure	(Hastelloy C 276)	1/4" Valve	TVB-2HASTC-25	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	1/2" Valve	TVB-2HASTC-50	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	3/4" Valve	TVB-2HASTC-75	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	1" Valve	TVB-2HASTC-10	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	1-1/2" Valve	TVB-2HASTC-15	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	2" Valve	TVB-2HASTC-20	P.O.A.
	Body Back Pressure	(Alloy 20)	1/4" Valve	TVB-2ALL20-25	P.O.A.
	Body Back Pressure	(Alloy 20)	1/2" Valve	TVB-2ALL20-50	P.O.A.
	Body Back Pressure	(Alloy 20)	3/4" Valve	TVB-2ALL20-75	P.O.A.
	Body Back Pressure	(Alloy 20)	1" Valve	TVB-2ALL20-10	P.O.A.
	Body Back Pressure	(Alloy 20)	1-1/2" Valve	TVB-2ALL20-15	P.O.A.
	Body Back Pressure	(Alloy 20)	2" Valve	TVB-2ALL20-20	P.O.A.
	Body Pressure Relief	CPVC (Corzan)	1/4" Valve	TVP-2CPVC-25	\$ 318.00
	Body Pressure Relief	CPVC (Corzan)	1/4"/1/2" Valve	TVP-2CPVC-45	\$ 318.00
	Body Pressure Relief	CPVC (Corzan)	1/2" Valve	TVP-2CPVC-50	\$ 444.00
	Body Pressure Relief	CPVC (Corzan)	3/4" Valve	TVP-2CPVC-75	\$ 606.00
	Body Pressure Relief	CPVC (Corzan)	1" Valve	TVP-2CPVC-10	\$ 968.00
	Body Pressure Relief	CPVC (Corzan)	1-1/2" Valve	TVP-2CPVC-15	\$ 948.00
	Body Pressure Relief	CPVC (Corzan)	2" Valve	TVP-2CPVC-20	\$1,031.00
	Body Pressure Relief	(Polyvinylidene Fluoride)	1/4" Valve	TVP-2PVDF-25	\$ 456.00
	Body Pressure Relief	(Polyvinylidene Fluoride)	1/4"/1/2" Valve	TVP-2PVDF-45	\$ 583.00
	Body Pressure Relief	(Polyvinylidene Fluoride)	1/2" Valve	TVP-2PVDF-50	\$ 594.00
	Body Pressure Relief	(Polyvinylidene Fluoride)	3/4" Valve	TVP-2PVDF-75	\$ 796.00
	Body Pressure Relief	(Polyvinylidene Fluoride)	1" Valve	TVP-2PVDF-10	\$1,239.00
	Body Pressure Relief	(Polyvinylidene Fluoride)	1-1/2" Valve	TVP-2PVDF-15	\$2,296.00
	Body Pressure Relief	(Polyvinylidene Fluoride)	2" Valve	TVP-2PVDF-20	\$2,989.00
	Body Pressure Relief	(316 Stainless Steel)	1/4" Valve	TVP-2S/S-25	\$ 414.00
	Body Pressure Relief	(316 Stainless Steel)	1/4"/1/2" Valve	TVP-2S/S-45	\$ 421.00
	Body Pressure Relief	(316 Stainless Steel)	1/2" Valve	TVP-2S/S-50	\$ 462.00
	Body Pressure Relief	(316 Stainless Steel)	3/4" Valve	TVP-2S/S-75	\$ 462.00
	Body Pressure Relief	(316 Stainless Steel)	1" Valve	TVP-2S/S-10	\$ 942.00
	Body Pressure Relief	(316 Stainless Steel)	1-1/2" Valve	TVP-2S/S-15	\$1,011.00

Top Valve - High Temperature

CODE E

Item #	Description	Material	Size	Part #	Price USA
	Body Pressure Relief	(316 Stainless Steel)	2" Valve	TVP-2S/S-20	\$1,252.00
	Body Pressure Relief	(Hastelloy C 276)	1/4" Valve	TVP-2HASTC-25	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	1/2" Valve	TVP-2HASTC-50	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	3/4" Valve	TVP-2HASTC-75	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	1" Valve	TVP-2HASTC-10	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	1-1/2" Valve	TVP-2HASTC-15	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	2" Valve	TVP-2HASTC-20	P.O.A.
	Body Pressure Relief	(Alloy 20)	1/4" Valve	TVP-2ALL20-25	P.O.A.
	Body Pressure Relief	(Alloy 20)	1/2" Valve	TVP-2ALL20-50	P.O.A.
	Body Pressure Relief	(Alloy 20)	3/4" Valve	TVP-2ALL20-75	P.O.A.
	Body Pressure Relief	(Alloy 20)	1" Valve	TVP-2ALL20-10	P.O.A.
	Body Pressure Relief	(Alloy 20)	1-1/2" Valve	TVP-2ALL20-15	P.O.A.
	Body Pressure Relief	(Alloy 20)	2" Valve	TVP-2ALL20-20	P.O.A.
Optional Gauge Port Add Suffix - G - Additional Charge \$ 53.00					
3	Diaphragm	Viton	1/4" & 1/4/1/2" Valve	TVD-3-25-1-V	\$ 36.00
	Diaphragm	Viton	1/2" & 3/4" Valve	TVD-3-57-V	\$ 77.00
	Diaphragm	Viton	1" Valve	TVD-3-10-V	\$ 87.00
	Diaphragm	Viton	1-1/2" Valve	TVD-3-15-V	\$ 101.00
	Diaphragm	Viton	2" Valve	TVD-3-20-V	\$ 101.00
	Diaphragm	EPDM	1/4" & 1/4/1/2" Valve	TVD-3-25-1-E	\$ 36.00
	Diaphragm	EPDM	1/2" & 3/4" Valve	TVD-3-57-E	\$ 77.00
	Diaphragm	EPDM	1" Valve	TVD-3-10-E	\$ 87.00
	Diaphragm	EPDM	1-1/2" Valve	TVD-3-15-E	\$ 101.00
	Diaphragm	EPDM	2" Valve	TVD-3-20-E	\$ 101.00
4	Knob	Nylon	G = Green 1/4"	TVGK-4	\$ 8.95
	Knob	Nylon	O = Orange 1/4" X	TVOK-4	\$ 9.55
	Knob	Nylon	Y – Yellow 1/2"	TVYK-4	\$ 9.20
	Knob	Nylon	R = Red 3/4" Valve	TVRK-4	\$ 10.75
	Knob	Nylon	B= Blue 1" Valve	TVBK-4	\$ 14.75
	Knob	Nylon	BK – Black 1-1/2"	TVBKK-4	\$ 12.50
	Knob	Nylon	W = White 2" Valve	TVWK-4	\$ 15.50
5	Spring	Stainless Steel	1/4" & 1/4/1/2" Valve	TVS-5-25	\$ 23.00
	Spring	Stainless Steel	1/2" thru 2" Valve	TVS-5-51	\$ 41.00
6	Top Disc	Aluminum	1/4" & 1/4/1/2" Valve	TVTD-6-2H	\$ 56.00
	Top Disc	Aluminum	1/2" thru 2" Valve	TVTD-6-5T	\$ 43.00
7	Bottom Disc	Aluminum	1/4" & 1/4/1/2" Valve	TVBD-7-2H	\$ 56.00
	Bottom Disc	Aluminum	1/2" thru 2" Valve	TVBD-7-5T	\$ 56.00
8	Bolts*	Stainless Steel	1/4" & 1/4/1/2" Valve	TVBB-8-25	\$ 2.85
	Bolts*	Stainless Steel	1/2" & 3/4" Valve	TVBB-8-57	\$ 2.85
	Bolts*	Stainless Steel	1" Valve	TVBB-8-10	\$ 5.70
	Bolts*	Stainless Steel	1-1/2" Valve	TVBB-8-15	\$ 7.80
	Bolts*	Stainless Steel	2" Valve	TVBB-8-20	\$ 13.25
	Bolts*	Stainless Steel	1/4" & 1/4/1/2" Valve	TVPB-8-25	\$ 3.10
	Bolts*	Stainless Steel	1/2" & 3/4" Valve	TVPB-8-57	\$ 3.10
	Bolts*	Stainless Steel	1" Valve	TVPB-8-10	\$ 5.70
*1-1/2" Pressure Relief Valves use TVBB-8-15					
*2" Pressure relief Valves use TVBB-8-20					
9	Nuts	Stainless Steel	1/4" & 1/4/1/2" Valve	TVN-9-25	\$ 2.85
	Nuts	Stainless Steel	1/2" thru 2" Valve	TVN-9-51	\$ 2.85
10	Washers	Stainless Steel	1/4" & 1/4/1/2" Valve	TVW-10-25	\$ 1.55
	Washers	Stainless Steel	1/2" thru 2" Valve	TVW-10-51	\$ 1.55
11	Gauge Plug (Optional)	CPVC = (Corzan)	All Sizes	TVP-11CPVC	\$ 7.80
	Gauge Plug (Optional)	(Polyvinylidene Fluoride)	All Sizes	TVP-11PVDF	\$ 15.50
	Gauge Plug (Optional)	(316 Stainless Steel)	All Sizes	TVP-11S/S6	\$ 10.25
	Gauge Plug (Optional)	(Hastelloy C 276)	All Sizes	TVP-11HAST	\$ 97.00
	Gauge Plug (Optional)	(Alloy 20)	All Sizes	TVP-11ALL20	\$ 66.00

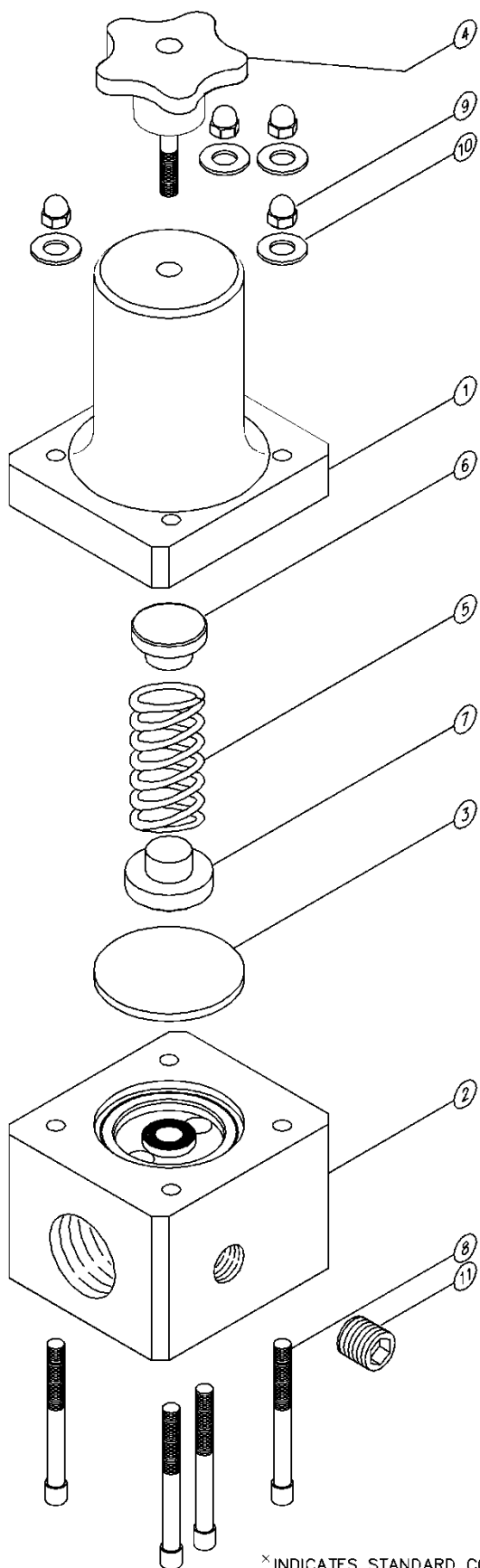
Recommended Spare Parts

Pro-Kit

CODE E

Part #	To Suit Model #	Description	Price USA
TVT25	TVBT & PT, 25 & 45 in CPVC,PVDF,S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 72.00
TVT25E	TVBT & PT, 25 & 45 in CPVC,PVDF,S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 72.00
TVT57	TVBT & PT, 50 & 75 in CPVC,PVDF,S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 133.00
TVT57E	TVBT & PT, 50 & 75 in CPVC,PVDF,S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 133.00
TVT10	TVBT & PT, 10 in CPVC, PVDF, S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 143.00
TVT10E	TVBT & PT, 10 in CPVC, PVDF, S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 143.00
TVT15	TVBT & PT, 15 in CPVC, PVDF, S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 158.00
TVT15E	TVBT & PT, 15 in CPVC, PVDF, S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 158.00
TVT20	TVBT & PT, 20 in CPVC, PVDF, S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 158.00
TVT20E	TVBT & PT, 20 in CPVC, PVDF, S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 158.00

Back Pressure & Pressure Relief Valve – 2 Port – High Temperature – Exploded Parts View



MATERIAL/SIZE CODING

X = A = (ALUMINUM)^x

X = S6 = (316 STAINLESS STEEL)

** = 25 = 1/4" & 1/4"/1/2" VALVES

** = 57 = 1/2" & 3/4" VALVES

** = 10 = 1" VALVES

** = 15 = 1-1/2" VALVES

** = 20 = 2" VALVES

Ω = B = 2 PORT PRESSURE RELIEF

∅ = V = VITON^x

∅ = E = OPTIONAL EPDM

Φ = 25 = 1/4" VALVES

Φ = 45 = 1/4"/1/2" VALVES

Φ = 50 = 1/2" VALVES

Φ = 75 = 3/4" VALVES

Φ = 10 = 1" VALVES

Φ = 15 = 1-1/2" VALVES

Φ = 20 = 2" VALVES

^ = CPVC = (CPVC CORZAN)

^ = PVDF = (POLYVINYLIDENE FLUORIDE KYNAR)

^ = S/S = (316 STAINLESS STEEL)

^ = HASTC = (HASTELLOY C276)

^ = ALL20 = (ALLOY20)

⊗ = G = GREEN = 1/4" VALVES

⊗ = O = ORANGE = 1/4"/1/2" VALVES

⊗ = Y = YELLOW = 1/2" VALVES

⊗ = R = RED = 3/4" VALVES

⊗ = B = BLUE = 1" VALVES

⊗ = BK = BLACK = 1-1/2" VALVES

⊗ = W = WHITE = 2" VALVES

▽ = 2H = 1/4" & 1/4"/1/2" VALVES

▽ = 5T = 1/2" THRU 2" VALVES

⊕ = 25 = 1/4" & 1/4"/1/2" VALVES

⊕ = 51 = 1/2" THRU 2" VALVES

ITEM#	QTY	DESCRIPTION	PART#
1	1	TOP	TVT-1 <u>X</u> - **
2	1	BODY	TVΩ -2 ^ - Φ
3	1	DIAPHRAGM	TVD-3- ** - ∅
4	1	KNOB	TV⊗K-4
5	1	SPRING	TVS-5-∅
6	1	TOP DISC	TVTD-6-▽
7	1	BOTTOM DISC	TVBD-7-▽
8	4	BOLTS*	TVΩ B-8 -**
9	4	NUTS	TVN-9-⊕
10	4	WASHERS	TVW-10-⊕
11	1	GAUGE PLUG (OPTIONAL)	TVP-11- ∩

- UNDERLINED ITEMS REQUIRE CODES FROM ABOVE CHART

*1-1/2" PRESSURE RELIEF VALVES USE TVBB-8-15

*2" PRESSURE RELIEF VALVES USE TVBB-8-20

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS. ACCEPTABILITY OF SPECIFICATIONS ARE THE CLIENT'S RESPONSIBILITY.

Primary Fluid Systems Inc.

1050 Cooke Boulevard, Burlington, Ontario L7T 4A8

2 PORT PRESSURE RELIEF VALVE
HIGH TEMP EXPLODED PARTS VIEW

SCALE	NTS	DISC	v12	DRAWN BY	BRB
DATE	SEP 04 2008	APPROVED		DWG NO.	EXTVP2HT
PROJECT				REV.#	0

*INDICATES STANDARD CONSTRUCTION

Top Valve - 2 Port - High Temperature

CODE E

Item #	Description	Material	Size	Part #	Price USA
1	Top	(Aluminum)	1/4" & 1/4 1/2" Valve	TVT-1A-25	\$ 236.00
	Top	(Aluminum)	1/2" & 3/4" Valve	TVT-1A-57	\$ 312.00
	Top	(Aluminum)	1" Valve	TVT-1A-10	\$ 392.00
	Top	(Aluminum)	1-1/2" Valve	TVT-1A-15	\$ 509.00
	Top	(Aluminum)	2" Valve	TVT-1A-20	\$ 509.00
	Top	(316 Stainless Steel)	1/4" & 1/4 1/2" Valve	TVT-1S6-25	\$ 431.00
	Top	(316 Stainless Steel)	1/2" & 3/4" Valve	TVT-1S6-57	\$ 509.00
	Top	(316 Stainless Steel)	1" Valve	TVT-1S6-10	\$ 555.00
	Top	(316 Stainless Steel)	1-1/2" Valve	TVT-1S6-15	\$ 939.00
	Top	(316 Stainless Steel)	2" Valve	TVT-1S6-20	\$ 939.00
2	Body Pressure Relief – 2 Port	CPVC (Corzan)	1/4" Valve	TVB-2CPVC-25	\$ 228.00
	Body Pressure Relief – 2 Port	CPVC (Corzan)	1/4"/1/2" Valve	TVB-2CPVC-45	\$ 266.00
	Body Pressure Relief – 2 Port	CPVC (Corzan)	1/2" Valve	TVB-2CPVC-50	\$ 403.00
	Body Pressure Relief – 2 Port	CPVC (Corzan)	3/4" Valve	TVB-2CPVC-75	\$ 414.00
	Body Pressure Relief – 2 Port	CPVC (Corzan)	1" Valve	TVB-2CPVC-10	\$ 599.00
	Body Pressure Relief – 2 Port	CPVC (Corzan)	1-1/2" Valve	TVB-2CPVC-15	\$ 892.00
	Body Pressure Relief – 2 Port	CPVC (Corzan)	2" Valve	TVB-2CPVC-20	\$1,031.00
	Body Pressure Relief – 2 Port	(Polyvinylidene Fluoride)	1/4" Valve	TVB-2PVDF-25	\$ 403.00
	Body Pressure Relief – 2 Port	(Polyvinylidene Fluoride)	1/4"/1/2" Valve	TVB-2PVDF-45	\$ 583.00
	Body Pressure Relief – 2 Port	(Polyvinylidene Fluoride)	1/2" Valve	TVB-2PVDF-50	\$ 717.00
	Body Pressure Relief – 2 Port	(Polyvinylidene Fluoride)	3/4" Valve	TVB-2PVDF-75	\$ 779.00
	Body Pressure Relief – 2 Port	(Polyvinylidene Fluoride)	1" Valve	TVB-2PVDF-10	\$1,178.00
	Body Pressure Relief – 2 Port	(Polyvinylidene Fluoride)	1-1/2" Valve	TVB-2PVDF-15	\$2,178.00
	Body Pressure Relief – 2 Port	(Polyvinylidene Fluoride)	2" Valve	TVB-2PVDF-20	\$2,843.00
	Body Pressure Relief – 2 Port	(316 Stainless Steel)	1/4" Valve	TVB-2S/S-25	\$ 608.00
	Body Pressure Relief – 2 Port	(316 Stainless Steel)	1/4"/1/2" Valve	TVB-2S/S-45	\$ 621.00
	Body Pressure Relief – 2 Port	(316 Stainless Steel)	1/2" Valve	TVB-2S/S-50	\$ 684.00
	Body Pressure Relief – 2 Port	(316 Stainless Steel)	3/4" Valve	TVB-2S/S-75	\$ 703.00
	Body Pressure Relief – 2 Port	(316 Stainless Steel)	1" Valve	TVB-2S/S-10	\$ 834.00
	Body Pressure Relief – 2 Port	(316 Stainless Steel)	1-1/2" Valve	TVB-2S/S-15	\$ 916.00
	Body Pressure Relief – 2 Port	(316 Stainless Steel)	2" Valve	TVB-2S/S6-20	\$1,154.00
	Body Pressure Relief – 2 Port	(Hastelloy C 276)	1/4" Valve	TVB-2HASTC-25	P.O.A.
	Body Pressure Relief – 2 Port	(Hastelloy C 276)	1/2" Valve	TVB-2HASTC-50	P.O.A.
	Body Pressure Relief – 2 Port	(Hastelloy C 276)	3/4" Valve	TVB-2HASTC-75	P.O.A.
	Body Pressure Relief – 2 Port	(Hastelloy C 276)	1" Valve	TVB-2HASTC-10	P.O.A.
	Body Pressure Relief – 2 Port	(Hastelloy C 276)	1-1/2" Valve	TVB-2HASTC-15	P.O.A.
	Body Pressure Relief – 2 Port	(Hastelloy C 276)	2" Valve	TVB-2HASTC-20	P.O.A.
	Body Pressure Relief – 2 Port	(Alloy 20)	1/4" Valve	TVB-2ALL20-25	P.O.A.
	Body Pressure Relief – 2 Port	(Alloy 20)	1/2" Valve	TVB-2ALL20-50	P.O.A.
	Body Pressure Relief – 2 Port	(Alloy 20)	3/4" Valve	TVB-2ALL20-75	P.O.A.
	Body Pressure Relief – 2 Port	(Alloy 20)	1" Valve	TVB-2ALL20-10	P.O.A.
	Body Pressure Relief – 2 Port	(Alloy 20)	1-1/2" Valve	TVB-2ALL20-15	P.O.A.
	Body Pressure Relief – 2 Port	(Alloy 20)	2" Valve	TVB-2ALL20-20	P.O.A.
Optional Gauge Port Add Suffix - G - Additional Charge \$ 53.00					
3	Diaphragm	Viton	1/4" & 1/4 1/2" Valve	TVD-3-25-1-V	\$ 36.00
	Diaphragm	Viton	1/2" & 3/4" Valve	TVD-3-57-V	\$ 77.00
	Diaphragm	Viton	1" Valve	TVD-3-10-V	\$ 87.00
	Diaphragm	Viton	1-1/2" Valve	TVD-3-15-V	\$ 101.00
	Diaphragm	Viton	2" Valve	TVD-3-20-V	\$ 101.00
	Diaphragm	EPDM	1/4" & 1/4 1/2" Valve	TVD-3-25-1-E	\$ 36.00
	Diaphragm	EPDM	1/2" & 3/4" Valve	TVD-3-57-E	\$ 77.00
	Diaphragm	EPDM	1" Valve	TVD-3-10-E	\$ 87.00
	Diaphragm	EPDM	1-1/2" Valve	TVD-3-15-E	\$ 101.00
	Diaphragm	EPDM	2" Valve	TVD-3-20-E	\$ 101.00
4	Knob	Nylon	G = Green 1/4" Valve	TVGK-4	\$ 8.95
	Knob	Nylon	O = Orange 1/4" X	TVOK-4	\$ 9.55
	Knob	Nylon	Y – Yellow 1/2" Valve	TVYK-4	\$ 9.20
	Knob	Nylon	R = Red 3/4" Valve	TVRK-4	\$ 10.75
	Knob	Nylon	B= Blue 1" Valve	TVBK-4	\$ 14.75
	Knob	Nylon	BK – Black 1-1/2"	TVBKK-4	\$ 12.50
	Knob	Nylon	W = White 2" Valve	TVWK-4	\$ 15.50
5	Spring	Stainless Steel	1/4" & 1/4 1/2" Valve	TVS-5-25	\$ 23.00
	Spring	Stainless Steel	1/2" thru 2" Valve	TVS-5-51	\$ 41.00

Top Valve - 2 Port - High Temperature

CODE E

Item #	Description	Material	Size	Part #	Price USA
6	Top Disc	Aluminum	1/4" & 1/4 1/2" Valve	TVTD-6-2H	\$ 56.00
	Top Disc	Aluminum	1/2" thru 2" Valve	TVTD-6-5T	\$ 43.00
7	Bottom Disc	Aluminum	1/4" & 1/4 1/2" Valve	TVBD-7-2H	\$ 56.00
	Bottom Disc	Aluminum	1/2" thru 2" Valve	TVBD-7-5T	\$ 56.00
8	Bolts*	Stainless Steel	1/4" & 1/4 1/2" Valve	TVBB-8-25	\$ 2.85
	Bolts*	Stainless Steel	1/2" & 3/4" Valve	TVBB-8-57	\$ 2.85
	Bolts*	Stainless Steel	1" Valve	TVBB-8-10	\$ 5.70
	Bolts*	Stainless Steel	1-1/2" Valve	TVBB-8-15	\$ 7.80
	Bolts*	Stainless Steel	2" Valve	TVBB-8-20	\$ 13.25
	Bolts*	Stainless Steel	1/4" & 1/4 1/2" Valve	TVPB-8-25	\$ 3.10
	Bolts*	Stainless Steel	1/2" & 3/4" Valve	TVPB-8-57	\$ 3.10
	Bolts*	Stainless Steel	1" Valve	TVPB-8-10	\$ 5.70
*1-1/2" Pressure Relief Valves use TVBB-8-15					
*2" Pressure relief Valves use TVBB-8-20					
9	Nuts	Stainless Steel	1/4" & 1/4 1/2" Valve	TVN-9-25	\$ 2.85
	Nuts	Stainless Steel	1/2" thru 2" Valve	TVN-9-51	\$ 2.85
10	Washers	Stainless Steel	1/4" & 1/4 1/2" Valve	TVW-10-25	\$ 1.55
	Washers	Stainless Steel	1/2" thru 2" Valve	TVW-10-51	\$ 1.55
11	Gauge Plug (Optional)	CPVC = (Corzan)	All Sizes	TVP-11CPVC	\$ 7.80
	Gauge Plug (Optional)	(Polyvinylidene Fluoride)	All Sizes	TVP-11PVDF	\$ 15.50
	Gauge Plug (Optional)	(316 Stainless Steel)	All Sizes	TVP-11S/S6	\$ 10.25
	Gauge Plug (Optional)	(Hastelloy C 276)	All Sizes	TVP-11HAST	\$ 97.00
	Gauge Plug (Optional)	(Alloy 20)	All Sizes	TVP-11ALL20	\$ 66.00

Recommended Spare Parts Pro-Kit

CODE E

Part #	To Suit Model #	Description	Price USA
TVT25	TVBT & PT, 25 & 45 in CPVC,PVDF,S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 72.00
TVT25E	TVBT & PT, 25 & 45 in CPVC,PVDF,S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 72.00
TVT57	TVBT & PT, 50 & 75 in CPVC,PVDF,S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 133.00
TVT57E	TVBT & PT, 50 & 75 in CPVC,PVDF,S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 133.00
TVT10	TVBT & PT, 10 in CPVC, PVDF, S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 143.00
TVT10E	TVBT & PT, 10 in CPVC, PVDF, S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 143.00
TVT15	TVBT & PT, 15 in CPVC, PVDF, S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 158.00
TVT15E	TVBT & PT, 15 in CPVC, PVDF, S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 158.00
TVT20	TVBT & PT, 20 in CPVC, PVDF, S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 158.00
TVT20E	TVBT & PT, 20 in CPVC, PVDF, S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 158.00

Terms

Prices quoted are in US Funds
Net 30 days firm (upon approved credit)
F.O.B. Burlington, Ontario, Canada

All Freight charges are extra

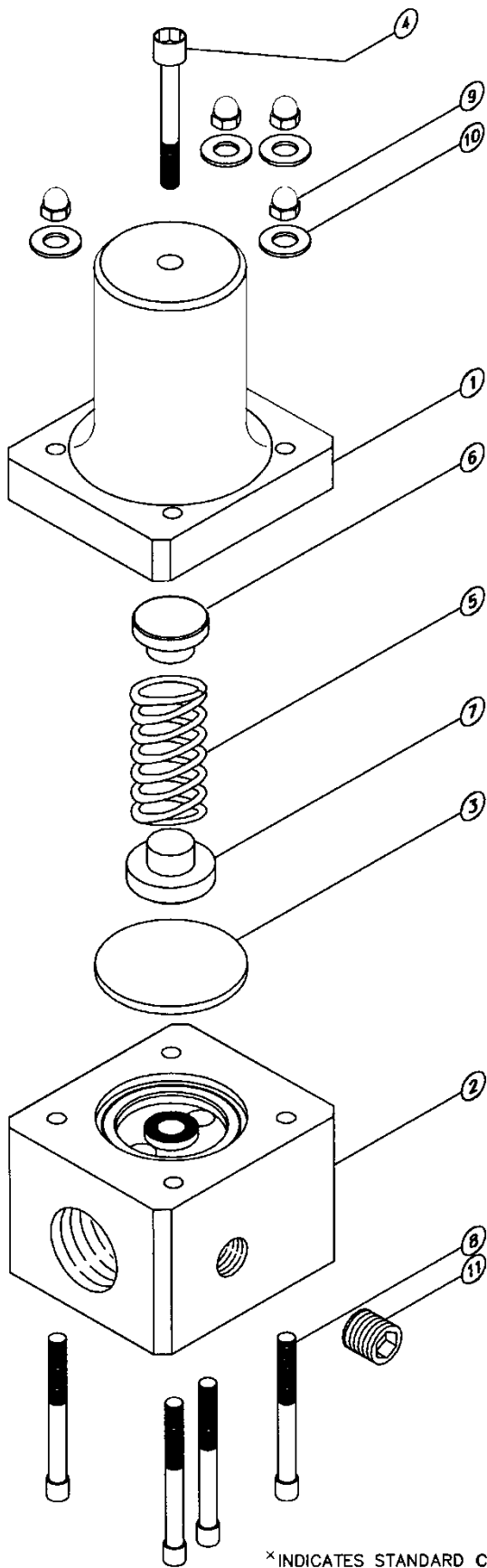
Stock to (1) one week normal delivery on standard items

Options and specials consult factory

Prices subject to change without notice

Minimum order of \$100.00 net

Back Pressure & Pressure Relief Valve – High Pressure – Exploded Parts View



MATERIAL/SIZE CODING
X = A = (ALUMINUM) ^x
X = S6 = (316 STAINLESS STEEL)
** = 25 = 1/4" & 1/4"/1/2" VALVES
** = 57 = 1/2" & 3/4" VALVES
** = 10 = 1" VALVES
** = 15 = 1-1/2" VALVES
** = 20 = 2" VALVES
Ω = B = BACK PRESSURE
Ω = P = PRESSURE RELIEF
Ø = V = VITON ^x
Ø = E = OPTIONAL EPDM
Φ = 25 = 1/4" VALVES
Φ = 45 = 1/4"/1/2" VALVES
Φ = 50 = 1/2" VALVES
Φ = 75 = 3/4" VALVES
Φ = 10 = 1" VALVES
Φ = 15 = 1-1/2" VALVES
Φ = 20 = 2" VALVES
^ = S/S = (316 STAINLESS STEEL)
^ = HASTC = (HASTELLOY C276)
^ = ALL20 = (ALLOY20)
⊗ = 5/16 = 1/4" & 1/4"/1/2" VALVES
⊗ = 3/8 = 1/2" THRU 2" VALVES
⊕ = 2H = 1/4" & 1/4"/1/2" VALVES
⊕ = 5H = 1/2" THRU 2" VALVES
♦ = 25-STLHP = 1/4" & 1/4"/1/2" VALVES
♦ = 51 = 1/2" THRU 2" VALVES
▽ = 25 = 1/4" & 1/4"/1/2" VALVES
▽ = 51 = 1/2" THRU 2" VALVES

ITEM#	QTY	DESCRIPTION	PART#
1	1	TOP	TVT-1 $\bar{X}$ -**
2	1	BODY	TV $\bar{\Omega}$ -2 $\hat{\wedge}$ - Φ
3	1	DIAPHRAGM	TVD-3- ** - $\emptyset$
4	1	KNOB	$\otimes$ x 1-1/2CAP
5	1	SPRING	TVS-5- $\oplus$
6	1	TOP DISC	TVTD-6- $\oplus$
7	1	BOTTOM DISC	TVBD-7- $\oplus$
8	4	BOLTS*	TV $\bar{\Omega}$ B-8 -**
9	4	NUTS	TVN-9- $\oplus$
10	4	WASHERS	TVW-10- ∇
11	1	GAUGE PLUG (OPTIONAL)	TVP-11- $\hat{\wedge}$

- UNDERLINED ITEMS REQUIRE CODES FROM ABOVE CHART

* 1/4" & 1/4"/1/2" VALVE

(BACKPRESSURE AND PRESSURE RELIEF)

USE ONLY PART NUMBER TVPB-8-25-STLHP

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS. ACCEPTABILITY OF SPECIFICATIONS ARE THE CLIENT'S RESPONSIBILITY.

Primary Fluid Systems Inc.

1050 Cooke Boulevard, Burlington, Ontario L7T 4A8

BACK PRESSURE & PRESSURE RELIEF VALVE HIGH PRESSURE EXPLODED PARTS VIEW

SCALE	NTS	DISC	v12	DRAWN BY BRB	
DATE	06 06 05	APPROVED		DWG NO.	REV.#
PROJECT				EXTOP VALVE HP	3

^x INDICATES STANDARD CONSTRUCTION

Top Valve - High Pressure

CODE E

Item #	Description	Material	Size	Part #	Price USA
1	Top	(Aluminum)	1/4" & 1/4 1/2" Valve	TVT-1A-25	\$ 236.00
	Top	(Aluminum)	1/2" & 3/4" Valve	TVT-1A-57	\$ 312.00
	Top	(Aluminum)	1" Valve	TVT-1A-10	\$ 392.00
	Top	(Aluminum)	1-1/2" Valve	TVT-1A-15	\$ 509.00
	Top	(Aluminum)	2" Valve	TVT-1A-20	\$ 509.00
	Top	(316 Stainless Steel)	1/4" & 1/4 1/2" Valve	TVT-1S6-25	\$ 431.00
	Top	(316 Stainless Steel)	1/2" & 3/4" Valve	TVT-1S6-57	\$ 509.00
	Top	(316 Stainless Steel)	1" Valve	TVT-1S6-10	\$ 555.00
	Top	(316 Stainless Steel)	1-1/2" Valve	TVT-1S6-15	\$ 939.00
	Top	(316 Stainless Steel)	2" Valve	TVT-1S6-20	\$ 939.00
2	Body Back Pressure	(316 Stainless Steel)	1/4" Valve	TVB-2S/S-25	\$ 608.00
	Body Back Pressure	(316 Stainless Steel)	1/4"/1/2" Valve	TVB-2S/S-45	\$ 621.00
	Body Back Pressure	(316 Stainless Steel)	1/2" Valve	TVB-2S/S-50	\$ 684.00
	Body Back Pressure	(316 Stainless Steel)	3/4" Valve	TVB-2S/S-75	\$ 703.00
	Body Back Pressure	(316 Stainless Steel)	1" Valve	TVB-2S/S-10	\$ 834.00
	Body Back Pressure	(316 Stainless Steel)	1-1/2" Valve	TVB-2S/S-15	\$ 916.00
	Body Back Pressure	(316 Stainless Steel)	2" Valve	TVB-2S/S6-20	\$1,154.00
	Body Back Pressure	(Hastelloy C 276)	1/4" Valve	TVB-2HASTC-25	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	1/2" Valve	TVB-2HASTC-50	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	3/4" Valve	TVB-2HASTC-75	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	1" Valve	TVB-2HASTC-10	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	1-1/2" Valve	TVB-2HASTC-15	P.O.A.
	Body Back Pressure	(Hastelloy C 276)	2" Valve	TVB-2HASTC-20	P.O.A.
	Body Back Pressure	(Alloy 20)	1/4" Valve	TVB-2ALL20-25	P.O.A.
	Body Back Pressure	(Alloy 20)	1/2" Valve	TVB-2ALL20-50	P.O.A.
	Body Back Pressure	(Alloy 20)	3/4" Valve	TVB-2ALL20-75	P.O.A.
	Body Back Pressure	(Alloy 20)	1" Valve	TVB-2ALL20-10	P.O.A.
	Body Back Pressure	(Alloy 20)	1-1/2" Valve	TVB-2ALL20-15	P.O.A.
	Body Back Pressure	(Alloy 20)	2" Valve	TVB-2ALL20-20	P.O.A.
	Body Pressure Relief	(316 Stainless Steel)	1/4" Valve	TVP-2S/S-25	\$ 414.00
	Body Pressure Relief	(316 Stainless Steel)	1/4"/1/2" Valve	TVP-2S/S-45	\$ 421.00
	Body Pressure Relief	(316 Stainless Steel)	1/2" Valve	TVP-2S/S-50	\$ 462.00
	Body Pressure Relief	(316 Stainless Steel)	3/4" Valve	TVP-2S/S-75	\$ 462.00
	Body Pressure Relief	(316 Stainless Steel)	1" Valve	TVP-2S/S-10	\$ 942.00
	Body Pressure Relief	(316 Stainless Steel)	1-1/2" Valve	TVP-2S/S-15	\$1,011.00
	Body Pressure Relief	(316 Stainless Steel)	2" Valve	TVP-2S/S6-20	\$1,252.00
	Body Pressure Relief	(Hastelloy C 276)	1/4" Valve	TVP-2HASTC-25	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	1/2" Valve	TVP-2HASTC-50	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	3/4" Valve	TVP-2HASTC-75	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	1" Valve	TVP-2HASTC-10	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	1-1/2" Valve	TVP-2HASTC-15	P.O.A.
	Body Pressure Relief	(Hastelloy C 276)	2" Valve	TVP-2HASTC-20	P.O.A.
	Body Pressure Relief	(Alloy 20)	1/4" Valve	TVP-2ALL20-25	P.O.A.
	Body Pressure Relief	(Alloy 20)	1/2" Valve	TVP-2ALL20-50	P.O.A.
	Body Pressure Relief	(Alloy 20)	3/4" Valve	TVP-2ALL20-75	P.O.A.
	Body Pressure Relief	(Alloy 20)	1" Valve	TVP-2ALL20-10	P.O.A.
	Body Pressure Relief	(Alloy 20)	1-1/2" Valve	TVP-2ALL20-15	P.O.A.
	Body Pressure Relief	(Alloy 20)	2" Valve	TVP-2ALL20-20	P.O.A.
Optional Gauge Port Add Suffix - G - Additional Charge \$ 53.00					
3	Diaphragm	Viton	1/4" & 1/4 1/2" Valve	TVD-3-25-1-V	\$ 36.00

Top Valve - High Pressure

CODE E

Item #	Description	Material	Size	Part #	Price USA
	Diaphragm	Viton	1/2" & 3/4" Valve	TVD-3-57-V	\$ 77.00
	Diaphragm	Viton	1" Valve	TVD-3-10-V	\$ 87.00
	Diaphragm	Viton	1-1/2" Valve	TVD-3-15-V	\$ 101.00
	Diaphragm	Viton	2" Valve	TVD-3-20-V	\$ 101.00
	Diaphragm	EPDM	1/4" & 1/4 1/2" Valve	TVD-3-25-1-E	\$ 36.00
	Diaphragm	EPDM	1/2" & 3/4" Valve	TVD-3-57-E	\$ 77.00
	Diaphragm	EPDM	1" Valve	TVD-3-10-E	\$ 87.00
	Diaphragm	EPDM	1-1/2" Valve	TVD-3-15-E	\$ 101.00
	Diaphragm	EPDM	2" Valve	TVD-3-20-E	\$ 101.00
4	Knob	Stainless Steel	5/16=1/4"&1/4"1/2" Valve	5/16 X 1-1/2CAP	\$ 4.35
	Knob	Stainless Steel	3/8=1/2" Thru 2" Vales	3/8 X 1-1/2 CAP	\$ 4.00
5	Spring	Stainless Steel	2H=1/4"&1/4"1/2" Valve	TVS-5-2H	\$ 140.00
	Spring	Stainless Steel	5H=1/2" Thru 2" Valve	TVS-5-5H	\$ 196.00
6	Top Disc	Aluminum	2H=1/4"&1/4"1/2" Valve	TVTD-6-2H	\$ 56.00
	Top Disc	Aluminum	5H=1/2" Thru 2" Valve	TVTD-6-5H	\$ 43.00
7	Bottom Disc	Aluminum	2H=1/4"&1/4"1/2" Valve	TVBD-7-2H	\$ 56.00
	Bottom Disc	Aluminum	5H=1/2" Thru 2" Valve	TVBD-7-5H	\$ 56.00
8	Bolts*	Stainless Steel	1/2" & 3/4" Valve	TVBB-8-57	\$ 2.85
	Bolts*	Stainless Steel	1" Valve	TVBB-8-10	\$ 5.70
	Bolts*	Stainless Steel	1-1/2" Valve	TVBB-8-15	\$ 7.80
	Bolts*	Stainless Steel	2" Valve	TVBB-8-20	\$ 13.25
	Bolts*	Stainless Steel	1/2" & 3/4" Valve	TVPB-8-57	\$ 3.10
	Bolts*	Stainless Steel	1" Valve	TVPB-8-10	\$ 5.70
9	Nuts	Stainless Steel	25=STLHP=1/4"&1/4"1/2" Valve	TVN-9-25-STLHP	\$ 6.25
	Nuts	Stainless Steel	51= 1/2" Thru 2" Valve	TVN-9-51	\$ 2.85
10	Washers	Stainless Steel	25=1/4" & 1/4 1/2" Valve	TVW-10-25	\$ 1.55
	Washers	Stainless Steel	51=1/2" thru 2" Valve	TVW-10-51	\$ 1.55
11	Gauge Plug (Optional)	(316 Stainless Steel)	All Sizes	TVP-11S/S6	\$ 10.25
	Gauge Plug (Optional)	(Hastelloy C 276)	All Sizes	TVP-11HAST	\$ 97.00
	Gauge Plug (Optional)	(Alloy 20)	All Sizes	TVP-11ALL20	\$ 66.00
*1-1/2" Pressure Relief Valves use TVBB-8-15					
*2" Pressure relief Valves use TVBB-8-20					
*1/4" & 1/4 1/2" Valve (Back Pressure & Pressure Relief) use only Part Number TVPB-8-STLHP					

Recommended Spare Parts Pro-Kit

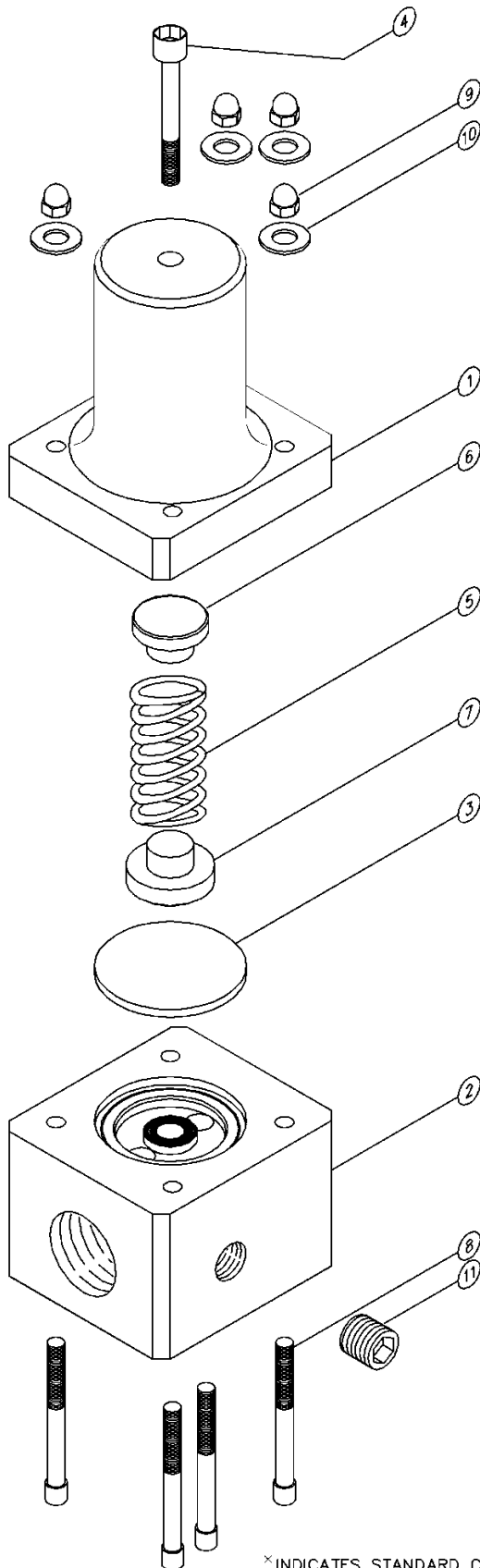
CODE E

Part #	To Suit Model #	Description	Price USA
TVH25	TVBH & PH, 25 & 45 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 276.00
TVH25E	TVBH & PH, 25 & 45 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 276.00
TVH57	TVBH & PH, 50 & 75 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 373.00
TVH57E	TVBH & PH, 50 & 75 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 373.00
TVH10	TVBH & PH, 10 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 383.00
TVH10E	TVBH & PH, 10 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 383.00
TVH15	TVBH & PH, 15 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 400.00
TVH15E	TVBH & PH, 15 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 400.00
TVH20	TVBH & PH, 20 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 400.00
TVH20E	TVBH & PH, 20 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 400.00

Terms

Prices quoted are in US Funds
Net 30 days firm (upon approved credit)
F.O.B. Burlington, Ontario, Canada
All Freight charges are extra
Stock to (1) one week normal delivery on standard items
Options and specials consult factory
Prices subject to change without notice
Minimum order of \$100.00 net

Pressure Relief Valve - 2 Port – High Pressure – Exploded Parts View



MATERIAL/SIZE CODING

X = A = (ALUMINUM)^{*}
X = S6 = (316 STAINLESS STEEL)

** = 25 = 1/4" & 1/4"/1/2" VALVES
** = 57 = 1/2" & 3/4" VALVES
** = 10 = 1" VALVES
** = 15 = 1-1/2" VALVES
** = 20 = 2" VALVES

Ω = B = 2 PORT PRESSURE RELIEF

∅ = V = VITON^x

∅ = E = OPTIONAL EPDM

Φ = 25 = 1/4" VALVES

Φ = 45 = 1/4"/1/2" VALVES

Φ = 50 = 1/2" VALVES

Φ = 75 = 3/4" VALVES

Φ = 10 = 1" VALVES

Φ = 15 = 1-1/2" VALVES

Φ = 20 = 2" VALVES

^ = S/S = (316 STAINLESS STEEL)

^ = HASTC = (HASTELLOY C276)

^ = ALL20 = (ALLOY20)

⊗ = 5/16 = 1/4" & 1/4"/1/2" VALVES

⊗ = 3/8 = 1/2" THRU 2" VALVES

⊕ = 2H = 1/4" & 1/4"/1/2" VALVES

⊕ = 5H = 1/2" THRU 2" VALVES

◆ = 25-STLHP = 1/4" & 1/4"/1/2" VALVES

◆ = 51 = 1/2" THRU 2" VALVES

▽ = 25 = 1/4" & 1/4"/1/2" VALVES

▽ = 51 = 1/2" THRU 2" VALVES

ITEM#	QTY	DESCRIPTION	PART#
1	1	TOP	TVT-1 X -**
2	1	BODY	TVΩ-2 ^ -Φ
3	1	DIAPHRAGM	TVD-3- ** -∅
4	1	KNOB	⊗ x 1-1/2CAP
5	1	SPRING	TVS-5-⊕
6	1	TOP DISC	TVTD-6-⊕
7	1	BOTTOM DISC	TVBD-7-⊕
8	4	BOLTS*	TVΩ B-8 -**
9	4	NUTS	TVN-9-◆
10	4	WASHERS	TVW-10-▽
11	1	GAUGE PLUG (OPTIONAL)	TVP-11- ^

- UNDERLINED ITEMS REQUIRE CODES FROM ABOVE CHART

* 1/4" & 1/4"/1/2" VALVE
(BACKPRESSURE AND PRESSURE RELIEF)
USE ONLY PART NUMBER TVPB-8-25-STLHP

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS. ACCEPTABILITY OF SPECIFICATIONS ARE THE CLIENT'S RESPONSIBILITY.

Primary Fluid Systems Inc.

1050 Cooke Boulevard, Burlington, Ontario L7T 4A8

**2 PORT PRESSURE RELIEF VALVE
HIGH PRESSURE EXPLODED PARTS VIEW**

SCALE	NTS	DISC	v12	DRAWN BY	BRB
DATE	SEP 04 2008	APPROVED		DWG NO.	EXTVP2HP
PROJECT				REV.#	0

*INDICATES STANDARD CONSTRUCTION

Top Valve - 2 Port - High Pressure

CODE E

Item #	Description	Material	Size	Part #	Price USA
1	Top	(Aluminum)	1/4" & 1/4 1/2" Valve	TVT-1A-25	\$ 236.00
	Top	(Aluminum)	1/2" & 3/4" Valve	TVT-1A-57	\$ 312.00
	Top	(Aluminum)	1" Valve	TVT-1A-10	\$ 392.00
	Top	(Aluminum)	1-1/2" Valve	TVT-1A-15	\$ 509.00
	Top	(Aluminum)	2" Valve	TVT-1A-20	\$ 509.00
	Top	(316 Stainless Steel)	1/4" & 1/4 1/2" Valve	TVT-1S6-25	\$ 431.00
	Top	(316 Stainless Steel)	1/2" & 3/4" Valve	TVT-1S6-57	\$ 509.00
	Top	(316 Stainless Steel)	1" Valve	TVT-1S6-10	\$ 555.00
	Top	(316 Stainless Steel)	1-1/2" Valve	TVT-1S6-15	\$ 939.00
	Top	(316 Stainless Steel)	2" Valve	TVT-1S6-20	\$ 939.00
2	Body Pressure Relief – 2 Port	(316 Stainless Steel)	1/4" Valve	TV-2S/S-25	\$ 608.00
	Body Pressure Relief – 2 Port	(316 Stainless Steel)	1/4"/1/2" Valve	TVB-2S/S-45	\$ 621.00
	Body Pressure Relief – 2 Port	(316 Stainless Steel)	1/2" Valve	TVB-2S/S-50	\$ 684.00
	Body Pressure Relief – 2 Port	(316 Stainless Steel)	3/4" Valve	TVB-2S/S-75	\$ 703.00
	Body Pressure Relief – 2 Port	(316 Stainless Steel)	1" Valve	TVB-2S/S-10	\$ 834.00
	Body Pressure Relief – 2 Port	(316 Stainless Steel)	1-1/2" Valve	TVB-2S/S-15	\$ 916.00
	Body Pressure Relief – 2 Port	(316 Stainless Steel)	2" Valve	TVB-2S/S6-20	\$1,154.00
	Body Pressure Relief – 2 Port	(Hastelloy C 276)	1/4" Valve	TVB-2HASTC-25	P.O.A.
	Body Pressure Relief – 2 Port	(Hastelloy C 276)	1/2" Valve	TVB-2HASTC-50	P.O.A.
	Body Pressure Relief – 2 Port	(Hastelloy C 276)	3/4" Valve	TVB-2HASTC-75	P.O.A.
	Body Pressure Relief – 2 Port	(Hastelloy C 276)	1" Valve	TVB-2HASTC-10	P.O.A.
	Body Pressure Relief – 2 Port	(Hastelloy C 276)	1-1/2" Valve	TVB-2HASTC-15	P.O.A.
	Body Pressure Relief – 2 Port	(Hastelloy C 276)	2" Valve	TVB-2HASTC-20	P.O.A.
	Body Pressure Relief – 2 Port	(Alloy 20)	1/4" Valve	TVB-2ALL20-25	P.O.A.
	Body Pressure Relief – 2 Port	(Alloy 20)	1/2" Valve	TVB-2ALL20-50	P.O.A.
	Body Pressure Relief – 2 Port	(Alloy 20)	3/4" Valve	TVB-2ALL20-75	P.O.A.
	Body Pressure Relief – 2 Port	(Alloy 20)	1" Valve	TVB-2ALL20-10	P.O.A.
	Body Pressure Relief – 2 Port	(Alloy 20)	1-1/2" Valve	TVB-2ALL20-15	P.O.A.
	Body Pressure Relief – 2 Port	(Alloy 20)	2" Valve	TVB-2ALL20-20	P.O.A.
Optional Gauge Port Add Suffix - G - Additional Charge \$ 53.00					
3	Diaphragm	Viton	1/4" & 1/4 1/2" Valve	TVD-3-25-1-V	\$ 36.00
	Diaphragm	Viton	1/2" & 3/4" Valve	TVD-3-57-V	\$ 77.00
	Diaphragm	Viton	1" Valve	TVD-3-10-V	\$ 87.00
	Diaphragm	Viton	1-1/2" Valve	TVD-3-15-V	\$ 101.00
	Diaphragm	Viton	2" Valve	TVD-3-20-V	\$ 101.00
	Diaphragm	EPDM	1/4" & 1/4 1/2" Valve	TVD-3-25-1-E	\$ 36.00
	Diaphragm	EPDM	1/2" & 3/4" Valve	TVD-3-57-E	\$ 77.00
	Diaphragm	EPDM	1" Valve	TVD-3-10-E	\$ 87.00
	Diaphragm	EPDM	1-1/2" Valve	TVD-3-15-E	\$ 101.00
	Diaphragm	EPDM	2" Valve	TVD-3-20-E	\$ 101.00
4	Knob	Stainless Steel	5/16=1/4"&1/4 1/2" Valve	5/16 X 1-1/2CAP	\$ 4.35
	Knob	Stainless Steel	3/8=1/2" Thru 2" Vales	3/8 X 1-1/2 CAP	\$ 4.00
5	Spring	Stainless Steel	2H=1/4"&1/4 1/2" Valve	TVS-5-2H	\$ 140.00
	Spring	Stainless Steel	5H=1/2" Thru 2" Valve	TVS-5-5H	\$ 196.00
6	Top Disc	Aluminum	2H=1/4"&1/4 1/2" Valve	TVTD-6-2H	\$ 56.00
	Top Disc	Aluminum	5H=1/2" Thru 2" Valve	TVTD-6-5H	\$ 43.00
7	Bottom Disc	Aluminum	2H=1/4"&1/4 1/2" Valve	TVBD-7-2H	\$ 56.00
	Bottom Disc	Aluminum	5H=1/2" Thru 2" Valve	TVBD-7-5H	\$ 56.00
8	Bolts*	Stainless Steel	1/2" & 3/4" Valve	TVBB-8-57	\$ 2.85
	Bolts*	Stainless Steel	1" Valve	TVBB-8-10	\$ 5.70

Top Valve - 2 Port - High Pressure

CODE E

Item #	Description	Material	Size	Part #	Price USA
	Bolts*	Stainless Steel	1-1/2" Valve	TVBB-8-15	\$ 7.80
	Bolts*	Stainless Steel	2" Valve	TVBB-8-20	\$ 13.25
	Bolts*	Stainless Steel	1/2" & 3/4" Valve	TVPB-8-57	\$ 3.10
	Bolts*	Stainless Steel	1" Valve	TVPB-8-10	\$ 5.70
9	Nuts	Stainless Steel	25=STLHP=1/4"&1/4"1/2" Valve	TVN-9-25-STLHP	\$ 6.25
	Nuts	Stainless Steel	51= 1/2" Thru 2" Valve	TVN-9-51	\$ 2.85
10	Washers	Stainless Steel	25=1/4" & 1/4/1/2" Valve	TVW-10-25	\$ 1.55
	Washers	Stainless Steel	51=1/2" thru 2" Valve	TVW-10-51	\$ 1.55
11	Gauge Plug (Optional)	(316 Stainless Steel)	All Sizes	TVP-11S/S6	\$ 10.25
	Gauge Plug (Optional)	(Hastelloy C 276)	All Sizes	TVP-11HAST	\$ 97.00
	Gauge Plug (Optional)	(Alloy 20)	All Sizes	TVP-11ALL20	\$ 66.00
*1-1/2" Pressure Relief Valves use TVBB-8-15					
*2" Pressure relief Valves use TVBB-8-20					
*1/4" & 1/4/1/2" Valve (Back Pressure & Pressure Relief) use only Part Number TVPB-8-STLHP					

Recommended Spare Parts Pro-Kit

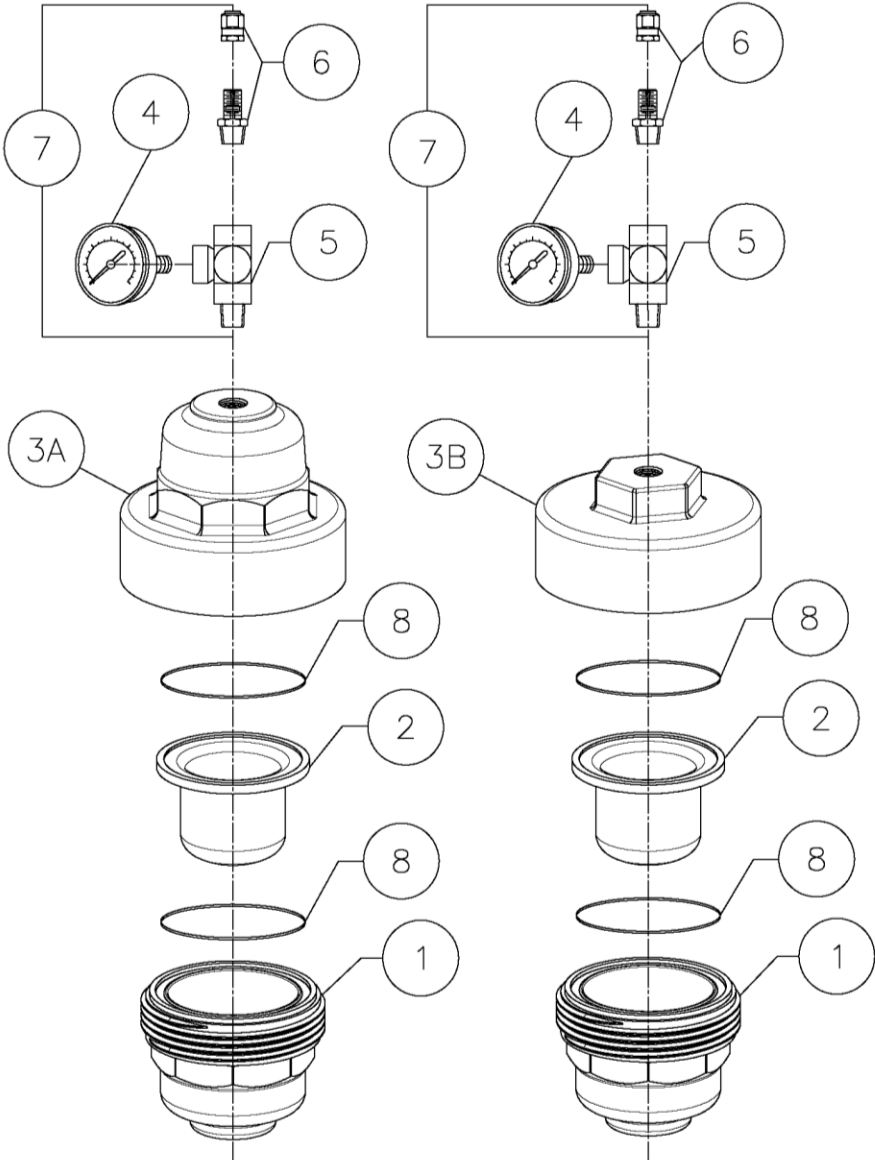
CODE E

Part #	To Suit Model #	Description	Price USA
TVH25	TVBH & PH, 25 & 45 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 276.00
TVH25E	TVBH & PH, 25 & 45 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 276.00
TVH57	TVBH & PH, 50 & 75 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 373.00
TVH57E	TVBH & PH, 50 & 75 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 373.00
TVH10	TVBH & PH, 10 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 389.00
TVH10E	TVBH & PH, 10 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 389.00
TVH15	TVBH & PH, 15 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 400.00
TVH15E	TVBH & PH, 15 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 400.00
TVH20	TVBH & PH, 20 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 400.00
TVH20E	TVBH & PH, 20 in S/S, HASTC & ALL20	Items include: 3, 5,6,7	\$ 400.00

AccuPulse Pulsation Dampener – API/APIF Series – Thermoplastic - Exploded Parts View

ITEM	MODEL	PART#	DESCRIPTION	MATERIAL
1	API/APIF	11X-^	WETTED HOUSING	PVC
		10X-^	WETTED HOUSING	CPVC
		10P-^	WETTED HOUSING	GF POLYPROPYLENE
		10K-^	WETTED HOUSING	PVDF
2	API/APIF	1000-25	BLADDER	NEOPRENE
		1000-28	BLADDER	EPDM
		1000-29	BLADDER	BUNA-N
		1000-30	BLADDER	HYPALON
		1000-31	BLADDER	VTON
		P1000-10*	BLADDER	PTFE
3A	API	11X-024	NONWETTED HOUSING	PVC
		10X-024	NONWETTED HOUSING	CPVC
		10P-024	NONWETTED HOUSING	GF POLYPROPYLENE
		10K-024	NONWETTED HOUSING	PVDF
3B	APIF	11X-033	NONWETTED HOUSING	PVC
		10X-033	NONWETTED HOUSING	CPVC
		10P-033	NONWETTED HOUSING	GF POLYPROPYLENE
		10K-033	NONWETTED HOUSING	PVDF
4	API/APIF	101-20	GAUGE	PLASTIC/BRASS
5	API/APIF	1000-46	TEE	STEEL
6	API/APIF	1000-70	FILL VALVE	BRASS
7	API/APIF	1000-58***	CHARGEABLE AIR ASSY	PLASTIC/BRASS/S/S
8	API/APIF	P1000-10-G**	O'RING ASSEMBLY	PTFE ENCAPSULATED VITON

^ ADD SUFFIX - 038 FOR UNITS WITH 3/8" CONNECTIONS
ADD SUFFIX - 050 FOR UNITS WITH 1/2" CONNECTIONS
* INCLUDES ITEM 8
** ONLY USED WITH PTFE BLADDERS
*** INCLUDES ITEM 4, 5, AND 6
GF = GLASS FILLED



DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS INC.

PRIMARY FLUID SYSTEMS INC.
1050 Cooke Blvd., Burlington, Ontario L7T 4A8

API/APIF Series ACCUPULSE PULSATION DAMPENER
EXPLODED POLY PARTS VIEW

DATE ISSUED: 19-OCT-11 SCALE: NTS SHEET: 1 OF 1
PROJECT: ACCUPULSE DRAWN BY: BRB

APPROVED BY: CHECKED BY: DWG NO: AP-P-3850STD-104V-XPL REV.# 4

AccuPulse Pulsation Dampener – API/APIF Series - Thermoplastic

CODE F

Item #	Model	Description	Material	Part #	Price USA
1	API / APIF	Wetted Housing	PVC	11X-050	\$ 188.00
	API / APIF	Wetted Housing	GF Polypropylene	10P-050	\$ 188.00
	API / APIF	Wetted Housing	PVDF	10K-050	\$ 273.00
	API / APIF	Wetted Housing	CPVC	10X-050	\$ 198.00
2	API / APIF	Bladder	Neoprene	1000-25	\$ 68.00
	API / APIF	Bladder	EPDM	1000-28	\$ 107.00
	API / APIF	Bladder	BUNA-N	1000-29	\$ 97.00
	API / APIF	Bladder	Hypalon	1000-30	\$ 130.00
	API / APIF	Bladder	Viton	1000-31	\$ 197.00
	API / APIF	Bladder (PVC & PP)	PTFE	P1000-10*	Call Factory
	API / APIF	Bladder (PVDF)	PTFE	K1000-10*	Call Factory
3A	API	Nonwetted Housing	PVC	11X-024	\$ 188.00
	API	Nonwetted Housing	GF Polypropylene	10P-024	\$ 166.00
	API	Nonwetted Housing	CPVC	10X-024	\$ 182.00
	API	Nonwetted Housing	PVDF	10K-024	\$ 273.00
3B	APIF	Nonwetted Housing	PVC	11X-033	\$ 180.00
	APIF	Nonwetted Housing	GF Polypropylene	10P-033	\$ 156.00
	APIF	Nonwetted Housing	PVDF	10K-033	\$ 261.00
4	API / APIF	Gauge	Plastic / Brass	101-20	\$ 62.00
5	API / APIF	Tee	Steel	1000-46	\$ 42.00
6	API / APIF	Fill Valve	Brass	1000-70	\$ 42.00
9	API / APIF	O-Ring Assembly PVC & PP Units	TFE Encapsulated Viton	P1000-G**	Call Factory
	API / APIF	O-Ring Assembly PVDF Units	Viton / PTFE Tape	K1000-G**	Call Factory
10	API / APIF	Chargeable Air Assembly	Plastic / Brass /Stainless Steel	1000-58***	\$ 163.00
^ Add Suffix - 0 For Units With 3/8" Connections					
^ Add Suffix -1 For Units With 1/2" Connections					
* Includes Item 9					
** Only Used With PTFE Bladders					
*** Includes Item 4, 5, And 6					
GF = Glass Filled					

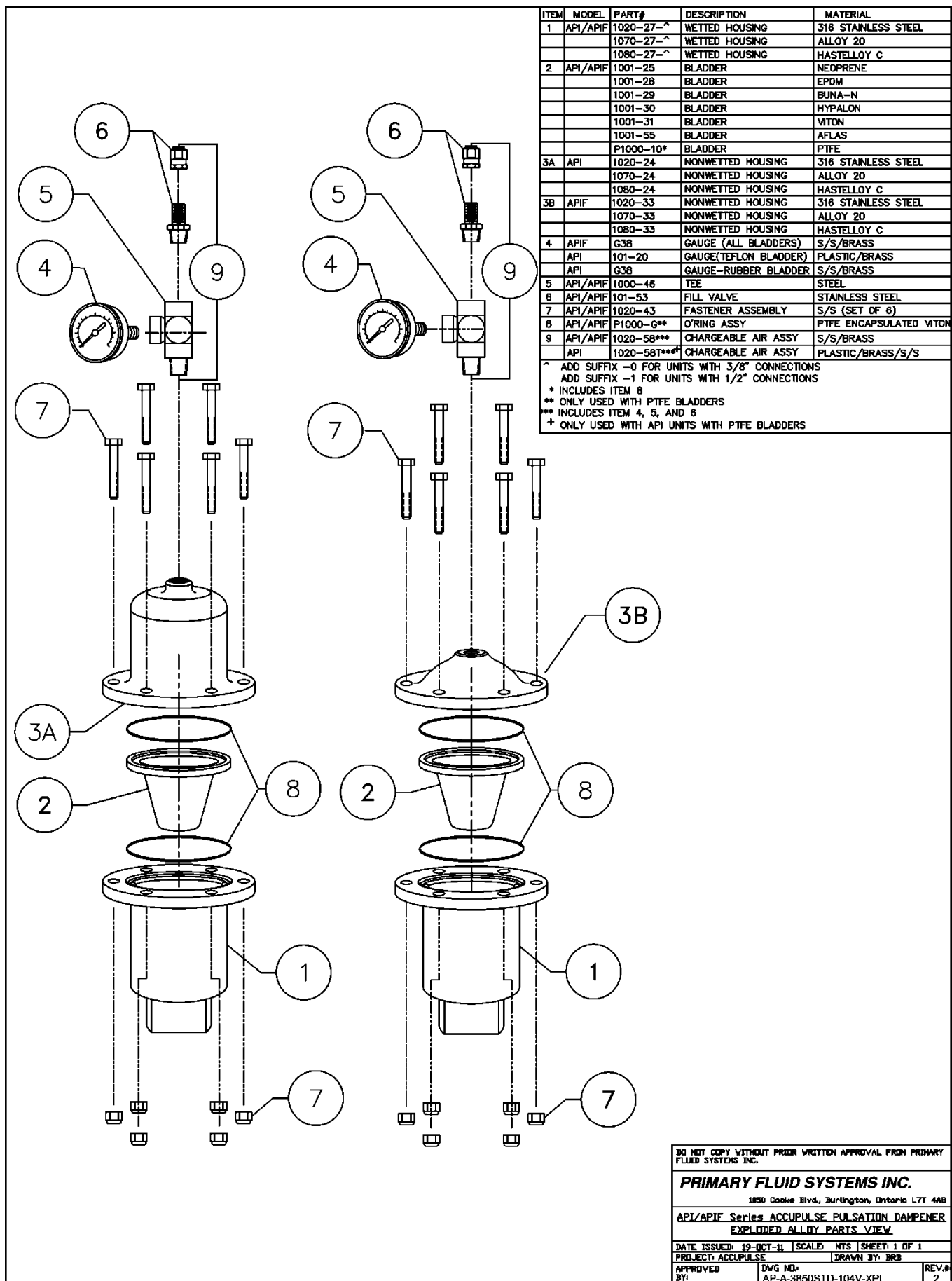
Recommended Spare Parts

Pro-Kit

CODE F

Part #	To Suit Model #	Description	Price USA
API-N	API in all Body Materials	Items Include: 2, 10	\$ 225.00
APIF-N	APIF in all Body Materials	Items Include: 2, 10	\$ 225.00
API-E	API in all Body Materials	Items Include: 2, 10	\$ 263.00
APIF-E	APIF in all Body Materials	Items Include: 2, 10	\$ 263.00
API-B	API in all Body Materials	Items Include: 2, 10	\$ 253.00
APIF-B	APIF in all Body Materials	Items Include: 2, 10	\$ 253.00
API-H	API in all Body Materials	Items Include: 2, 10	\$ 290.00
APIF-H	APIF in all Body Materials	Items Include: 2, 10	\$ 290.00
API-V	API in all Body Materials	Items Include: 2, 10	\$ 356.00
APIF-V	APIF in all Body Materials	Items Include: 2, 10	\$ 356.00
API-A	API in all Body Materials	Items Include: 2, 10	\$ 379.00
APIF-A	APIF in all Body Materials	Items Include: 2, 10	\$ 379.00
API-T	API in all Body Materials	Items Include: 2, 10	\$ 831.00
APIF-T	APIF in all Body Materials	Items Include: 2, 10	\$ 831.00
API-TK	API in all Body Materials	Items Include: 2, 10	\$ 831.00
APIF-TK	APIF in all Body Materials	Items Include: 2, 10	\$ 831.00

AccuPulse Pulsation Dampener - API/APIF – Alloy – Exploded Parts View



DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS INC.

PRIMARY FLUID SYSTEMS INC.
 1090 Cooke Blvd., Burlington, Ontario L7T 4A8

API/APIF Series ACCUPULSE PULSATION DAMPENER
 EXPLODED ALLOY PARTS VIEW

DATE ISSUED: 19-OCT-11 | SCALE: NTS | SHEET: 1 OF 1
 PROJECT: ACCUPULSE | DRAWN BY: BRB
 APPROVED BY: | DVG NO: AP-A-3850STD-104V-XPL | REV.# 2

AccuPulse Pulsation Dampener - API/APIF – Alloy

CODE F

Item #	Model	Description	Material	Part #	Price USA
1	API / APIF	Wetted Housing	316 Stainless Steel	1020-27-0	Call Factory
	API / APIF	Wetted Housing	316 Stainless Steel	1020-27-1	Call Factory
	API / APIF	Wetted Housing	Alloy 20	1070-27-^	Call Factory
	API / APIF	Wetted Housing	Hastelloy C	1080-27-^	Call Factory
2	API / APIF	Bladder	Neoprene	1000-25	\$ 68.00
	API / APIF	Bladder	EPDM	1000-28	\$ 107.00
	API / APIF	Bladder	BUNA-N	1000-29	\$ 97.00
	API / APIF	Bladder	Hypalon	1000-30	\$ 130.00
	API / APIF	Bladder	Viton	1000-31	\$ 197.00
	API / APIF	Bladder	PTFE	P1000-10*	Call Factory
3A	API	Nonwetted Housing	316 Stainless Steel	1020-24	Call Factory
	API	Nonwetted Housing	Alloy 20	1070-24	Call Factory
	API	Nonwetted Housing	Hastelloy C	1080-24	Call Factory
3B	APIF	Nonwetted Housing	316 Stainless Steel	1020-33	Call Factory
	APIF	Nonwetted Housing	Alloy 20	1070-33	Call Factory
	APIF	Nonwetted Housing	Hastelloy C	1080-33	Call Factory
4	APIF	Gauge (All Bladders)	Stainless Steel / Brass	G38	\$ 131.00
	API	Gauge (PTFE Bladders)	Plastic / Brass	101-20	\$ 62.00
	API	Gauge (Rubber Bladders)	Stainless Steel / Brass	G38	\$ 131.00
5	API / APIF	Tee	Steel	1000-46	\$ 42.00
6	API / APIF	Fill Valve	Stainless Steel	101-53	\$ 119.00
7	API / APIF	Fastener Assembly	Stainless Steel (Set of 6)	1020-43	\$ 58.00
8	API / APIF	O-Ring Assembly	TFE Encapsulated Viton	P1000-G**	Call Factory
9	API / APIF	Chargeable Air Assy	Stainless Steel / Brass	1020-58***	\$ 254.00
	API	Chargeable Air Assy	Plastic / Brass/ Stainless Steel	1020-58T***	\$ 254.00
^ Add Suffix - 0 For Units With 3/8" Connections					
^ Add Suffix -1 For Units With 1/2" Connections					
* Includes Item 8					
** Only Used with PTFE Bladders					
*** Includes Item 4, 5, and 6					
+ Only Used with API Units with PTFE Bladders					

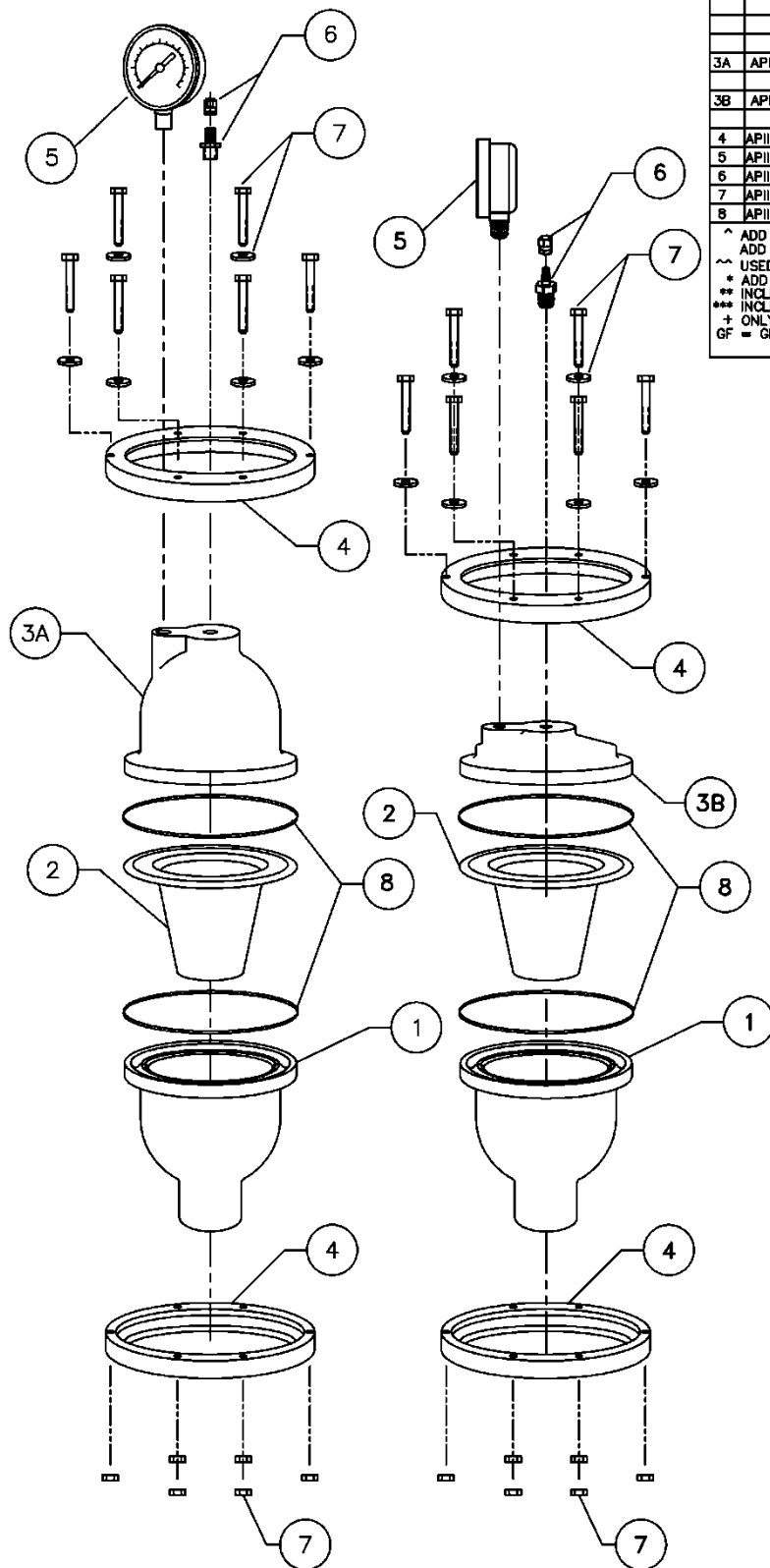
Recommended Spare Parts

Pro-Kit

CODE F

Part #	To Suit Model #	Description	Price USA
API-NA	API in all Body Materials	Items Include: 2, 10	\$ 320.00
APIF-NA	APIF in all Body Materials	Items Include: 2, 10	\$ 320.00
API-EA	API in all Body Materials	Items Include: 2, 10	\$ 357.00
APIF-EA	APIF in all Body Materials	Items Include: 2, 10	\$ 357.00
API-BA	API in all Body Materials	Items Include: 2, 10	\$ 345.00
APIF-BA	APIF in all Body Materials	Items Include: 2, 10	\$ 345.00
API-HA	API in all Body Materials	Items Include: 2, 10	\$ 384.00
APIF-HA	APIF in all Body Materials	Items Include: 2, 10	\$ 384.00
API-VA	API in all Body Materials	Items Include: 2, 10	\$ 449.00
APIF-VA	APIF in all Body Materials	Items Include: 2, 10	\$ 449.00
API-AA	API in all Body Materials	Items Include: 2, 10	\$ 471.00
APIF-AA	APIF in all Body Materials	Items Include: 2, 10	\$ 471.00
API-TA	API in all Body Materials	Items Include: 2, 10	\$ 924.00
APIF-TA	APIF in all Body Materials	Items Include: 2, 10	\$ 924.00

AccuPulse Pulsation Dampener – APII/APIIF Series - Thermoplastic – Exploded View



ITEM	MODEL	PART#	DESCRIPTION	MATERIAL
1	APII/APIIF	*311-27-^	WETTED HOUSING	PVC
		*301-27-^	WETTED HOUSING	GF POLYPROPYLENE
		*401-27-^	WETTED HOUSING	PVDF
2	APII/APIIF	301-25	BLADDER	NEOPRENE
		401-28	BLADDER	EPDM
		401-29	BLADDER	BUNA-N
		401-30	BLADDER	HYALON
		401-26	BLADDER	VTN
		301-55	BLADDER	AFLAS
		301-10**	BLADDER	PTFE
3A	APII	*311-24	NONWETTED HOUSING	PVC
		*301-24^^	NONWETTED HOUSING	GF POLYPROPYLENE
3B	APIIF	311-33	NONWETTED HOUSING	PVC
		301-33^^	NONWETTED HOUSING	GF POLYPROPYLENE
4	APII/APIIF	103-51***	RING BAND ASSEMBLY	GF NORYL
5	APII/APIIF	101-33	GAUGE	PLASTIC/BRASS
6	APII/APIIF	101-70	FILL VALVE	BRASS
7	APII/APIIF	103-51H	FASTENER ASSEMBLY	STAINLESS STEEL
8	APII/APIIF	301-G+	O'RING ASSY	PTFE ENCAPSULATED VITON

^ ADD SUFFIX -2 FOR UNITS WITH 3/4" CONNECTIONS
 ADD SUFFIX -3 FOR UNITS WITH 1" CONNECTIONS
 ^^ USED WITH POLYPROPYLENE AND PVDF UNITS
 * ADD SUFFIX T FOR WETTED & NONWETTED HOUSING WITH PTFE BLADDERS
 ** INCLUDES ITEM 8
 *** INCLUDES ITEM 7
 + ONLY USED WITH PTFE BLADDERS
 GF = GLASS FILLED

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS INC.

PRIMARY FLUID SYSTEMS INC.

1050 Cooke Blvd., Burlington, Ontario L7T 4A8

APII/APIIF Series ACCUPULSE PULSATION DAMPENER
 EXPLODED POLY PARTS VIEW

DATE ISSUED: 19-OCT-11 SCALE: NTS SHEET: 1 OF 1

PROJECT: ACCUPULSE DRAWN BY: BRB

APPROVED BY: DWG NO: AP-P-7510STD-8536V-XPL REV.# 2

AccuPulse Pulsation Dampener – APII/APIIF Series – Thermoplastic

CODE F

Item #	Model	Description	Material	Part #	Price USA
1	APII / APIIF	Wetted Housing	PVC	*311-27-^	\$ 373.00
	APII / APIIF	Wetted Housing	GF Polypropylene	*301-27-^	\$ 362.00
	APII / APIIF	Wetted Housing	PVDF	*401-27-^	\$ 764.00
2	APII / APIIF	Bladder	Neoprene	301-25	\$ 152.00
	APII / APIIF	Bladder	EPDM	401-28	\$ 328.00
	APII / APIIF	Bladder	Buna - N	401-29	\$ 236.00
	APII / APIIF	Bladder	Hypalon	401-30	\$ 384.00
	APII / APIIF	Bladder	Viton	401-25	\$ 570.00
	APII / APIIF	Bladder	Aflas	301-55	\$ 696.00
	APII / APIIF	Bladder	PTFE	301-10**	Call Factory
3A	APII	Nonwetted Housing	PVC	*311-24	\$ 337.00
	APII	Nonwetted Housing	GF Polypropylene	*301-24^^	\$ 317.00
3B	APIIF	Nonwetted Housing	PVC	311-33	\$ 228.00
	APIIF	Nonwetted Housing	GF Polypropylene	301-33^^	\$ 228.00
4	APII / APIIF	Ring Band Assembly	GF Noryl	103-51***	\$ 240.00
5	APII / APIIF	Gauge	Plastic / Brass	101-33	\$ 62.00
6	APII / APIIF	Fill Valve	Brass	101-70	\$ 42.00
7	APII / APIIF	Fastener Assembly	Stainless Steel	103-51H	\$ 203.00
8	APII / APIIF	O' Ring Assembly	TFE Encapsulated Viton	301-G+	Call Factory
^ Add Suffix -2 For Units with 3/4" Connections					
^ Add Suffix -3 For Units with 1" Connections					
^^ Used With Polypropylene and PVDF Units					
* Add Suffix T For Wetted & Nonwetted Housing with PTFE Bladders					
** Includes Item 8					
*** Includes Item 7					
+ Only Used with PTFE Bladders					
GF - Glass Filled					

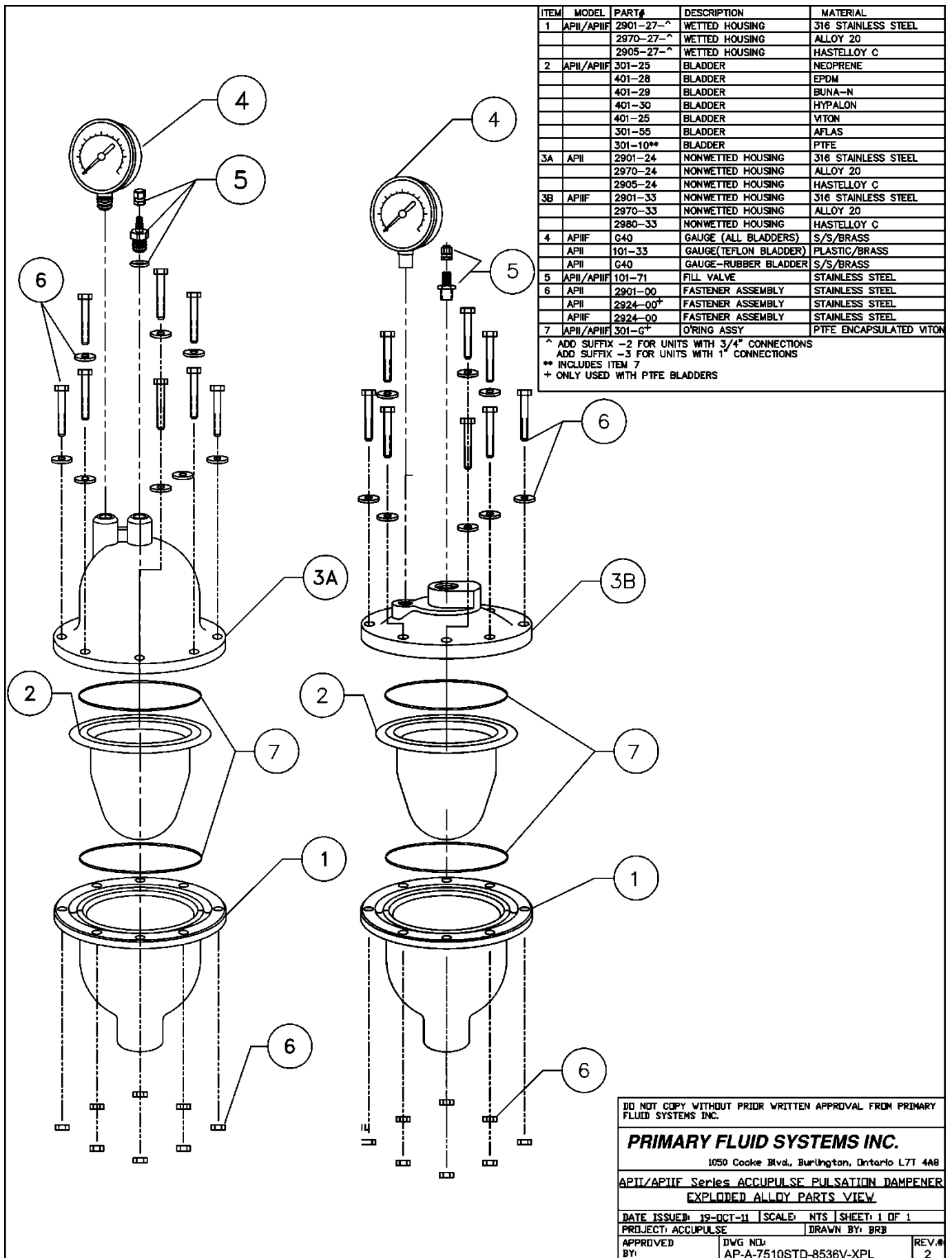
Recommended Spare Parts

Pro-Kit

CODE F

Part #	To Suit Model #	Description	Price USA
APII-N	APII in all Body Materials	Items Include: 2, 5, 6	\$ 254.00
APIIF-N	APIIF in all Body Materials	Items Include: 2, 5, 6	\$ 254.00
APII-E	APII in all Body Materials	Items Include: 2, 5, 6	\$ 434.00
APIIF-E	APIIF in all Body Materials	Items Include: 2, 5, 6	\$ 434.00
APII-B	APII in all Body Materials	Items Include: 2, 5, 6	\$ 340.00
APIIF-B	APIIF in all Body Materials	Items Include: 2, 5, 6	\$ 340.00
APII-H	APII in all Body Materials	Items Include: 2, 5, 6	\$ 487.00
APIIF-H	APIIF in all Body Materials	Items Include: 2, 5, 6	\$ 487.00
APII-V	APII in all Body Materials	Items Include: 2, 5, 6	\$ 673.00
APIIF-V	APIIF in all Body Materials	Items Include: 2, 5, 6	\$ 673.00
APII-A	APII in all Body Materials	Items Include: 2, 5, 6	\$ 801.00
APIIF-A	APIIF in all Body Materials	Items Include: 2, 5, 6	\$ 801.00
APII-T	APII in all Body Materials	Items Include: 2, 5, 6	\$1,255.00
APIIF-T	APIIF in all Body Materials	Items Include: 2, 5, 6	\$1,255.00

AccuPulse Pulsation Dampener – APII/APIIF Series - Alloy – Exploded Parts View



DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS INC.

PRIMARY FLUID SYSTEMS INC.

1050 Cooke Blvd., Burlington, Ontario L7T 4A8

APII/APIIF Series ACCUPULSE PULSATION DAMPENER
EXPLODED ALLOY PARTS VIEW

DATE ISSUED: 19-OCT-11 SCALE: NTS SHEET: 1 OF 1
PROJECT: ACCUPULSE DRAWN BY: BRB

APPROVED BY: DWG NO: AP-A-7510STD-8536V-XPL REV.# 2

AccuPulse Pulsation Dampener – APII/APIIF Series - Alloy

CODE F

Item #	Model	Description	Material	Part #	Price USA
1	APII / APIIF	Wetted Housing	316 Stainless Steel	2901-27-2	Call Factory
	APII / APIIF	Wetted Housing	316 Stainless Steel	2901-27-3	Call Factory
	APII / APIIF	Wetted Housing	Alloy 20	2970-27-^	Call Factory
	APII / APIIF	Wetted Housing	Hastelloy C	2905-27-^	Call Factory
2	APII / APIIF	Bladder	Neoprene	301-25	\$ 152.00
	APII / APIIF	Bladder	EPDM	401-28	\$ 328.00
	APII / APIIF	Bladder	Buna - N	401-29	\$ 236.00
	APII / APIIF	Bladder	Hypalon	401-30	\$ 384.00
	APII / APIIF	Bladder	Viton	401-25	\$ 570.00
	APII / APIIF	Bladder	Aflas	301-55	\$ 696.00
	APII / APIIF	Bladder	PTFE	301-10**	Call Factory
3A	APII	Nonwetted Housing	316 Stainless Steel	2901-24	Call Factory
	APII	Nonwetted Housing	Alloy 20	2970-24	Call Factory
	APII	Nonwetted Housing	Hastelloy C	2905-24	Call Factory
3B	APIIF	Nonwetted Housing	316 Stainless Steel	2901-33	Call Factory
	APIIF	Nonwetted Housing	Alloy 20	2970-33	Call Factory
	APIIF	Nonwetted Housing	Hastelloy C	2980-33	Call Factory
4	APIIF	Gauge (All Bladders)	S/S / Brass	G40	\$ 125.00
	APII	Gauge (PTFE Bladders)	Plastic / Brass	101-33	\$ 62.00
	APII	Gauge (Rubber Bladders)	S/S / Brass	G40	\$ 125.00
5	APII / APIIF	Fill Valve	Stainless Steel	101-71	\$ 121.00
6	APII	Fastener Assembly	Stainless Steel	2901-00	\$ 76.00
	APII	Fastener Assembly	Stainless Steel	2924-00+	\$ 83.00
	APIIF	Fastener Assembly	Stainless Steel	2924-00	\$ 83.00
7	APII / APIIF	O' Ring Assembly	TFE Encapsulated Viton	301-G+	Call Factory
^ Add Suffix -2 For Units With 3/4" Connections					
^ Add Suffix -3 For Units With 1" Connections					
** Includes Item 7					
+ Only Used With PTFE Bladders					

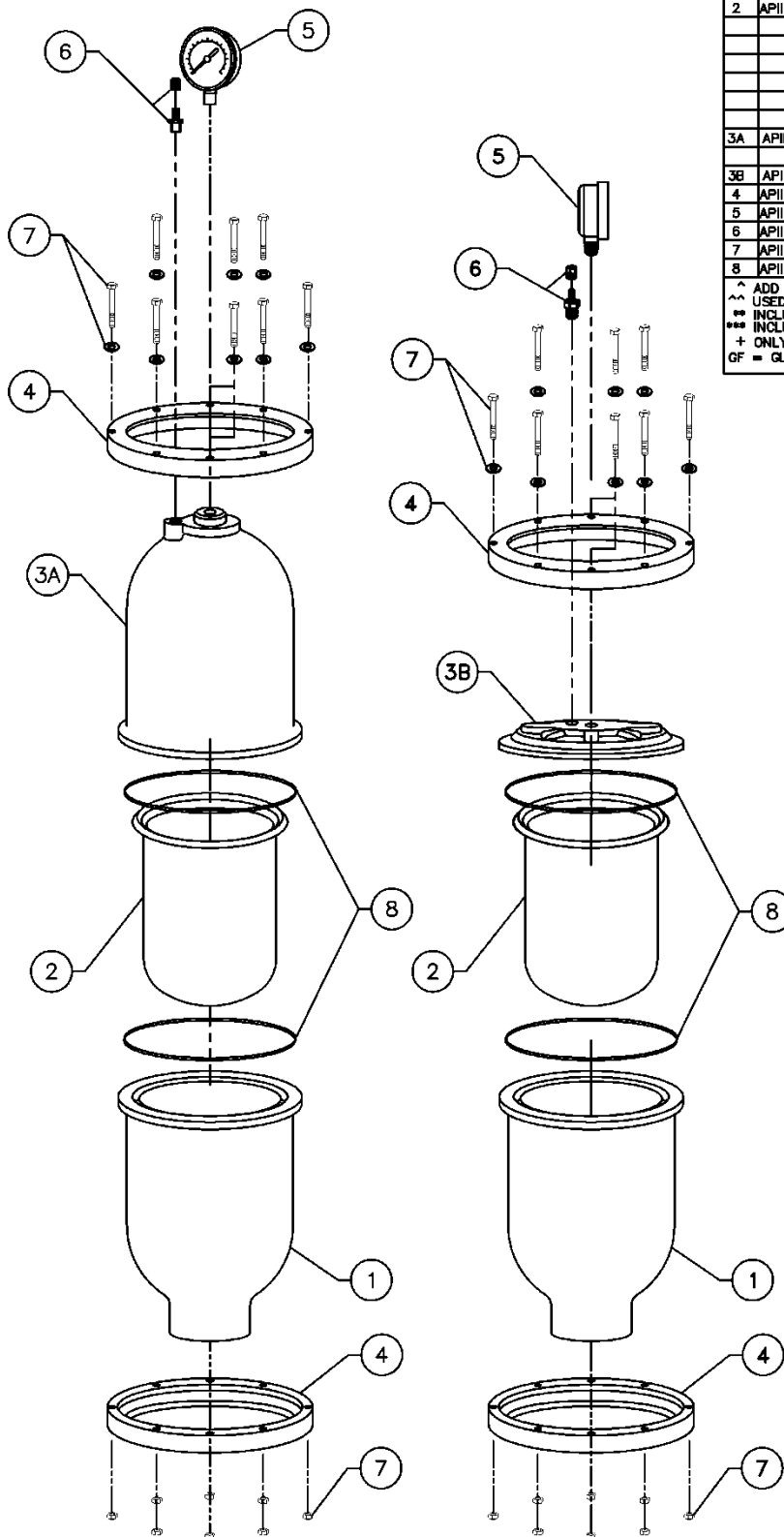
Recommended Spare Parts

Pro-Kit

CODE F

Part #	To Suit Model #	Description	Price USA
APII-NA	APII in all Body Materials	Items Include: 2, 5, 6	\$ 396.00
APIIF-NA	APIIF in all Body Materials	Items Include: 2, 5, 6	\$ 396.00
APII-EA	APII in all Body Materials	Items Include: 2, 5, 6	\$ 573.00
APIIF-EA	APIIF in all Body Materials	Items Include: 2, 5, 6	\$ 573.00
APII-BA	APII in all Body Materials	Items Include: 2, 5, 6	\$ 482.00
APIIF-BA	APIIF in all Body Materials	Items Include: 2, 5, 6	\$ 482.00
APII-HA	APII in all Body Materials	Items Include: 2, 5, 6	\$ 629.00
APIIF-HA	APIIF in all Body Materials	Items Include: 2, 5, 6	\$ 629.00
APII-VA	APII in all Body Materials	Items Include: 2, 5, 6	\$ 817.00
APIIF-VA	APIIF in all Body Materials	Items Include: 2, 5, 6	\$ 817.00
APII-AA	APII in all Body Materials	Items Include: 2, 5, 6	\$ 941.00
APIIF-AA	APIIF in all Body Materials	Items Include: 2, 5, 6	\$ 941.00
APII-TA	APII in all Body Materials	Items Include: 2, 5, 6	\$1,326.00
APIIF-TA	APIIF in all Body Materials	Items Include: 2, 5, 6	\$1,326.00

AccuPulse Pulsation Dampener – APIII/APIIIF Series – Thermoplastic - Exploded Parts View



ITEM	MODEL	PART#	DESCRIPTION	MATERIAL
1	APIII/APIIIF	111-27	WETTED HOUSING	PVC
		101-27	WETTED HOUSING	GF POLYPROPYLENE
		201-27^	WETTED HOUSING	PVDF
2	APIII/APIIIF	101-25	BLADDER	NEOPRENE
		201-28	BLADDER	EPDM
		201-29	BLADDER	BUNA-N
		201-30	BLADDER	HYPALON
		201-25	BLADDER	VTION
		101-55	BLADDER	AFLAS
		101-10**	BLADDER	PTFE
3A	APIII	111-24	NONWETTED HOUSING	PVC
		101-24^^	NONWETTED HOUSING	GF POLYPROPYLENE
3B	APIIIF	141-43	NONWETTED HOUSING	GF NORYL
4	APIII/APIIIF	105-26***	RING BAND ASSEMBLY	GF NORYL
5	APIII/APIIIF	101-33	GAUGE	PLASTIC/BRASS
6	APIII/APIIIF	101-70	FILL VALVE	BRASS
7	APIII/APIIIF	105-80	FASTENER ASSEMBLY	STAINLESS STEEL
8	APIII/APIIIF	101-G+	O'RING ASSY	PTFE ENCAPSULATED VITON

^ ADD SUFFIX T FOR WETTED HOUSING WITH PTFE BLADDER APIIIF ONLY
 ^^ USED WITH POLYPROPYLENE AND PVDF UNITS
 *** INCLUDES ITEM 8
 ** INCLUDES ITEM 7
 + ONLY USED WITH PTFE BLADDERS
 GF = GLASS FILLED

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS INC.

PRIMARY FLUID SYSTEMS INC.

1050 Cooke Blvd., Burlington, Ontario L7T 4A8

APIII/APIIIF Series ACCUPULSE PULSATION DAMPENER
EXPLODED POLY PARTS VIEW

DATE ISSUED: 19-OCT-11 SCALE: NTS SHEET: 1 OF 1

PROJECT: ACCUPULSE DRAWN BY: BRB

APPROVED BY: DWG NO: AP-P-1520STD-370175V-XPL REV.# 2

AccuPulse Pulsation Dampener – APIII/APIIIF Series - Thermoplastic

CODE F

Item #	Model	Description	Material	Part #	Price USA
1	APIII / APIIIF	Wetted Housing	PVC	111-27	\$ 505.00
	APIII / APIIIF	Wetted Housing	GF Polypropylene	101-27	\$ 505.00
	APIII / APIIIF	Wetted Housing	PVDF	201-27-^	\$2,495.00
2	APIII / APIIIF	Bladder	Neoprene	101-25	\$ 279.00
	APIII / APIIIF	Bladder	EPDM	201-28	\$ 396.00
	APIII / APIIIF	Bladder	BUNA - N	201-29	\$ 333.00
	APIII / APIIIF	Bladder	Hypalon	201-30	\$ 471.00
	APIII / APIIIF	Bladder	Viton	201-25	\$ 829.00
	APIII / APIIIF	Bladder	Aflas	101-55	\$1,154.00
	APIII / APIIIF	Bladder	PTFE	101-10**	Call Factory
3A	APIII	Nonwetted Housing	PVC	111-24	\$ 434.00
	APIII	Nonwetted Housing	GF Polypropylene	101-24^^	\$ 444.00
3B	APIIIF	Nonwetted Housing	GF Noryl	141-43	\$ 432.00
4	APIII / APIIIF	Ring Band Assembly	GF Noryl	105-26***	\$ 759.00
5	APIII / APIIIF	Gauge	Plastic / Brass	101-33	\$ 62.00
6	APIII / APIIIF	Fill Valve	Brass	101-70	\$ 42.00
7	APIII / APIIIF	Fastener Assembly	Stainless Steel	105-80	\$ 171.00
8	APIII / APIIIF	O' Ring Assembly	TFE Encapsulated Viton	101-G+	Call Factory
^ Add Suffix T for Wetted Housing with PTFE Bladder APIIIF Only					
^^ Used With Polypropylene & PVDF Units					
** Includes Item 8					
*** Includes Item 7					
+ Only Used with PTFE Bladders					
GF - Glass Filled					

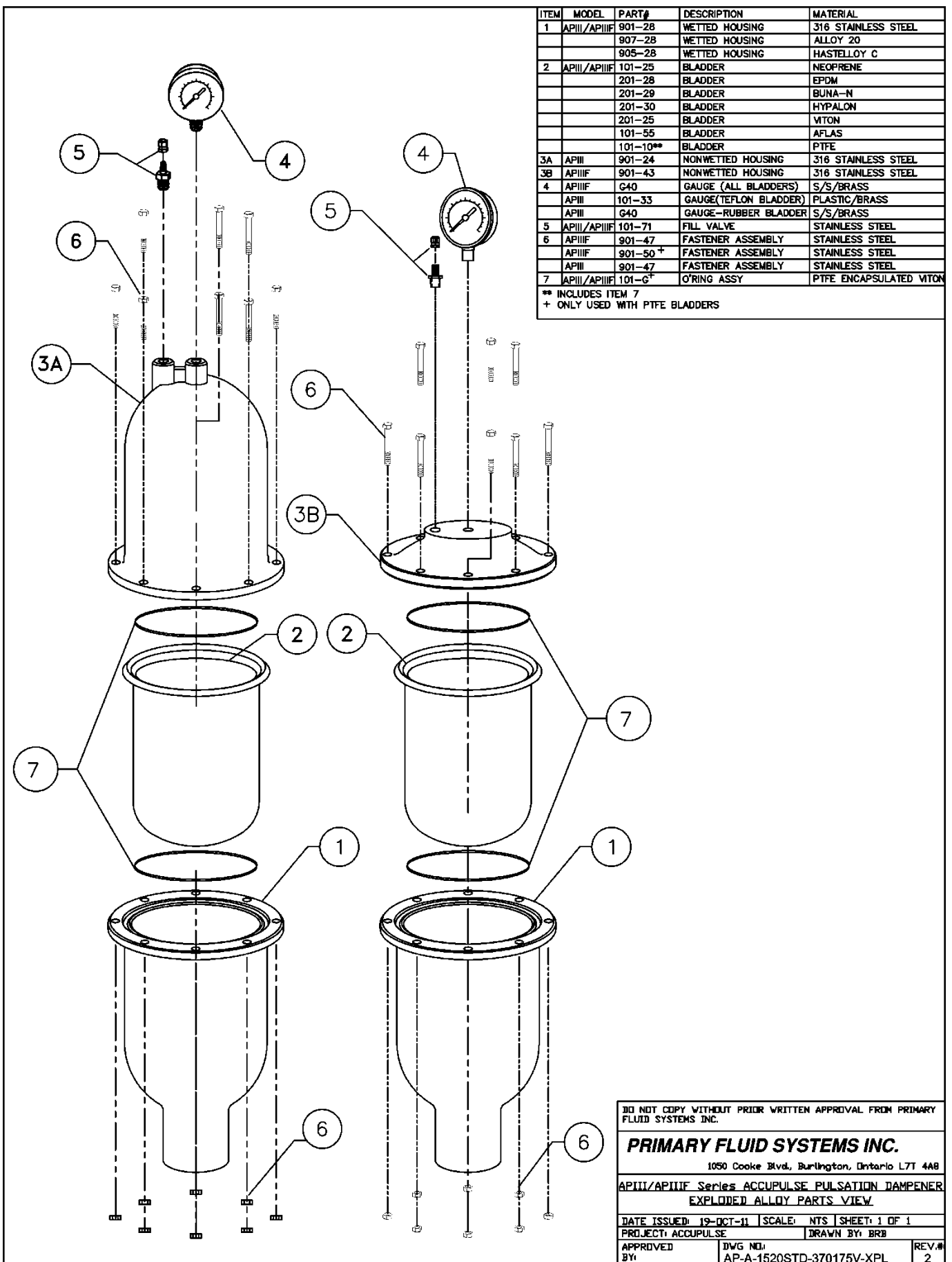
Recommended Spare Parts

Pro-Kit

CODE F

Part #	To Suit Model #	Description	Price USA
APIII-N	APIII in all Body Materials	Items Include: 2, 5, 6	\$ 384.00
APIIIF-N	APIIIF in all Body Materials	Items Include: 2, 5, 6	\$ 384.00
APIII-E	APIII in all Body Materials	Items Include: 2, 5, 6	\$ 501.00
APIIIF-E	APIIIF in all Body Materials	Items Include: 2, 5, 6	\$ 501.00
APIII-B	APIII in all Body Materials	Items Include: 2, 5, 6	\$ 436.00
APIIIF-B	APIIIF in all Body Materials	Items Include: 2, 5, 6	\$ 436.00
APIII-H	APIII in all Body Materials	Items Include: 2, 5, 6	\$ 578.00
APIIIF-H	APIIIF in all Body Materials	Items Include: 2, 5, 6	\$ 578.00
APIII-V	APIII in all Body Materials	Items Include: 2, 5, 6	\$ 933.00
APIIIF-V	APIIIF in all Body Materials	Items Include: 2, 5, 6	\$ 933.00
APIII-A	APIII in all Body Materials	Items Include: 2, 5, 6	\$1,257.00
APIIIF-A	APIIIF in all Body Materials	Items Include: 2, 5, 6	\$1,257.00
APIII-T	APIII in all Body Materials	Items Include: 2, 5, 6	\$2,777.00
APIIIF-T	APIIIF in all Body Materials	Items Include: 2, 5, 6	\$2,777.00

AccuPulse Pulsation Dampener – APIII/APIIIF Series - Alloy – Exploded Parts View



DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS INC.

PRIMARY FLUID SYSTEMS INC.
1050 Cooke Blvd, Burlington, Ontario L7T 4A8

APIII/APIIIF Series ACCUPULSE PULSATION DAMPENER
EXPLODED ALLOY PARTS VIEW

DATE ISSUED: 19-OCT-11 SCALE: NTS SHEET: 1 OF 1
PROJECT: ACCUPULSE DRAWN BY: BRB

APPROVED BY: DWG NO: AP-A-1520STD-370175V-XPL REV.# 2

AccuPulse Pulsation Dampener – APIII/APIIIF – Alloy

CODE F

Item #	Model	Description	Material	Part #	Price USA
1	APIII / APIIIF	Wetted Housing	316 Stainless Steel	901-28	Call Factory
	APIII / APIIIF	Wetted Housing	Alloy 20	907-28	Call Factory
	APIII / APIIIF	Wetted Housing	Hastelloy C	905-28	Call Factory
2	APIII / APIIIF	Bladder	Neoprene	101-25	\$ 279.00
	APIII / APIIIF	Bladder	EPDM	201-28	\$ 396.00
	APIII / APIIIF	Bladder	Buna - N	201-29	\$ 333.00
	APIII / APIIIF	Bladder	Hypalon	201-30	\$ 471.00
	APIII / APIIIF	Bladder	Viton	201-25	\$ 829.00
	APIII / APIIIF	Bladder	Aflas	101-55	\$1,154.00
	APIII / APIIIF	Bladder	PTFE	101-10**	Call Factory
3A	APIII	Nonwetted Housing	316 Stainless Steel	901-24	Call Factory
3B	APIIIF	Nonwetted Housing	316 Stainless Steel	901-43	Call Factory
4	APIIIF	Gauge (All Bladders)	S/S / Brass	G40	\$ 125.00
	APIII	Gauge (PTFE Bladders)	Plastic / Brass	101-33	\$ 62.00
	APIII	Gauge (Rubber Bladders)	S/S / Brass	G40	\$ 125.00
5	APIII / APIIIF	Fill Valve	Stainless Steel	101-71	\$ 121.00
6	APIIIF	Fastener Assembly	Stainless Steel	901-47	\$ 151.00
	APIIIF	Fastener Assembly	Stainless Steel	901-50+	\$ 155.00
	APIII	Fastener Assembly	Stainless Steel	901-47	\$ 151.00
7	APIII / APIIIF	O' Ring Assembly	TFE Encapsulated Viton	101-G+	Call Factory
** Includes Item 7					
+ Only Used with PTFE Bladders					

Recommended Spare Parts Pro-Kit

CODE F

Part #	To Suit Model #	Description	Price USA
APIII-NA	APIII in all Body Materials	Items Include: 2, 5, 6	\$ 524.00
APIIIF-NA	APIIIF in all Body Materials	Items Include: 2, 5, 6	\$ 524.00
APIII-EA	APIII in all Body Materials	Items Include: 2, 5, 6	\$ 642.00
APIIIF-EA	APIIIF in all Body Materials	Items Include: 2, 5, 6	\$ 642.00
APIII-BA	APIII in all Body Materials	Items Include: 2, 5, 6	\$ 578.00
APIIIF-BA	APIIIF in all Body Materials	Items Include: 2, 5, 6	\$ 578.00
APIII-HA	APIII in all Body Materials	Items Include: 2, 5, 6	\$ 718.00
APIIIF-HA	APIIIF in all Body Materials	Items Include: 2, 5, 6	\$ 718.00
APIII-VA	APIII in all Body Materials	Items Include: 2, 5, 6	\$1,075.00
APIIIF-VA	APIIIF in all Body Materials	Items Include: 2, 5, 6	\$1,075.00
APIII-AA	APIII in all Body Materials	Items Include: 2, 5, 6	\$1,400.00
APIIIF-AA	APIIIF in all Body Materials	Items Include: 2, 5, 6	\$1,400.00
APIII-TA	APIII in all Body Materials	Items Include: 2, 5, 6	\$2,864.00
APIIIF-TA	APIIIF in all Body Materials	Items Include: 2, 5, 6	\$2,864.00

PFS Injection Quill – IQ - Plastic – Exploded Parts View

1

2

3

4

5

6

7

White Sticker - Model + S/N

Silver Sticker - Contact Information and flow direction arrow

MATERIAL/SIZE CODING

X = PVC = (PVC)
X = CPVC = (CPVC CORZAN)
X = PP = (POLYPROPYLENE)
X = PVDF = (PVDF)

Φ = CR = (CERAMIC)
Φ = GFPTF = (25% GF PTFE)
Φ = PVDF = (PVDF)
Φ = S/S6 = (316 STAINLESS STEEL)
Φ = HAST = (HASTELLOY C276)
Φ = TITA = (TITANIUM)

⊗ = S/S6 = (316 STAINLESS STEEL)
⊗ = HAST = (HASTELLOY C276)
⊗ = TITA = (TITANIUM)
= PVC = (PVC)
= CPVC = (CPVC CORZAN)

^ = P = (PVC)
^ = C = (CPVC CORZAN)
^ = PP = (POLYPROPYLENE)
^ = K = (PVDF)

⊕ = 2.625 (2-5/8) INSERTION UNITS
⊕ = 4.625 (4-5/8) INSERTION UNITS
⊕ = OTHER THAN STANDARD LENGTH CONTACT FACTORY

Ø = 0 (USED WITH PVC AND CPVC UNITS)
Ø = 5 (USED WITH PP AND PVDF UNITS)

* ONLY USED WITH PVC AND CPVC UNITS
** ADD SUFFIX -25 FOR 1/4" ORIFICE

ITEM #	DESCRIPTION	PART#
1	SEAT, CHECK	IQ-1X-SEAT
2	BALL, CHECK	IQ-1 Φ-BALL
3	SPRING, CHECK	IQ-1 ⊗-SPRING
4	BODY, CHECK*	IQ-BODY-#
5	LABEL, DIRECTION, SILVER	IQ-LABEL-DIR
6	LABEL, MODEL + SERIAL #	MSLABEL
7	QUILL**	IQ-Ø-⊕-^

NOTE: SERIAL NUMBER & MODEL REQUIRED FOR PARTS ORDER

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS INC.

PRIMARY FLUID SYSTEMS INC.
1050 Cooke Blvd., Burlington, Ontario L7T 4A8

**PFS INJECTION QUILL
EXPLODED POLY PARTS VIEW**

DATE ISSUED: 19-OCT-11 | SCALE: NTS | SHEET: 1 OF 1
PROJECT: INJECTION QUILL | DRAWN BY: JCB

APPROVED BY: | DWG NO: IQ-P-5075NPT-1325-L-XPL | REV.#: 3

PFS Injection Quill – IQ - Plastic

				CODE E
Item #	Description	Material	Part #	Price USA
1	Seat, Check	PVC	IQ-1PVC-SEAT	\$ 36.00
	Seat, Check	CPVC (Corzan)	IQ-1CPVC-SEAT	\$ 52.00
	Seat, Check	Polypropylene	IQ-1PP-SEAT	\$ 52.00
	Seat, Check	PVDF	IQ-1PVDF-SEAT	\$ 69.00
2	Ball, Check	Ceramic	IQ-1CR-BALL	\$ 36.00
	Ball, Check	25% GF PTFE	IQ-1GTFE-BALL	\$ 98.00
	Ball, Check	PVDF	IQ-1PVDF-BALL	\$ 98.00
	Ball, Check	316 Stainless Steel	IQ-1S/S6-BALL	\$ 70.00
	Ball, Check	Hastelloy C276	IQ-1HAST-BALL	\$ 98.00
	Ball, Check	Titanium	IQ-1TITA-BALL	\$ 204.00
3	Spring, Check	316 Stainless Steel	IQ-1S/S6-SPRING	\$ 54.00
	Spring, check	Hastelloy C276	IQ-1HAST-SPRING	\$ 102.00
	Spring, Check	Titanium	IQ-1TITA-SPRING	\$ 178.00
4	Body, Check *	PVC	IQ-BODY-PVC	\$ 138.00
	Body, Check *	CPVC (Corzan)	IQ-BODY-CPVC	\$ 235.00
5	Label	Silver Sticker - Contact Information & Flow Direction Arrow	IQ-LABEL-DIR	\$ 5.50
6	Label	White Sticker Model + S/N	MSLABEL	N/A
7	Quill **	PVC (2-5/8) Insertion Units	IQ-0-2.625-P	\$ 61.00
	Quill **	PVC (4-5/8) Insertion Units	IQ-0-4.625-P	\$ 67.00
	Quill **	CPVC (Corzan (2-5/8) Insertion Units	IQ-0-2.625-C	\$ 77.00
	Quill **	CPVC (Corzan (4-5/8) Insertion Units	IQ-0-4.625-C	\$ 87.00
	Quill **	Polypropylene (2-5/8) Insertion Units	IQ-5-2.625-PP	\$ 137.00
	Quill **	Polypropylene (4-5/8) Insertion Units	IQ-5-4.625-PP	\$ 164.00
	Quill **	PVDF (2-5/8) Insertion Units	IQ-5-2.625-K	\$ 241.00
	Quill **	PVDF (4-5/8) Insertion Units	IQ-5-4.625-K	\$ 262.00
Other Than Standard Length Contact Factory				
* Only used with PVC and CPVC Units				
** Add Suffix -25 for ¼" Orifice				

Recommended Spare Parts Pro-Kit

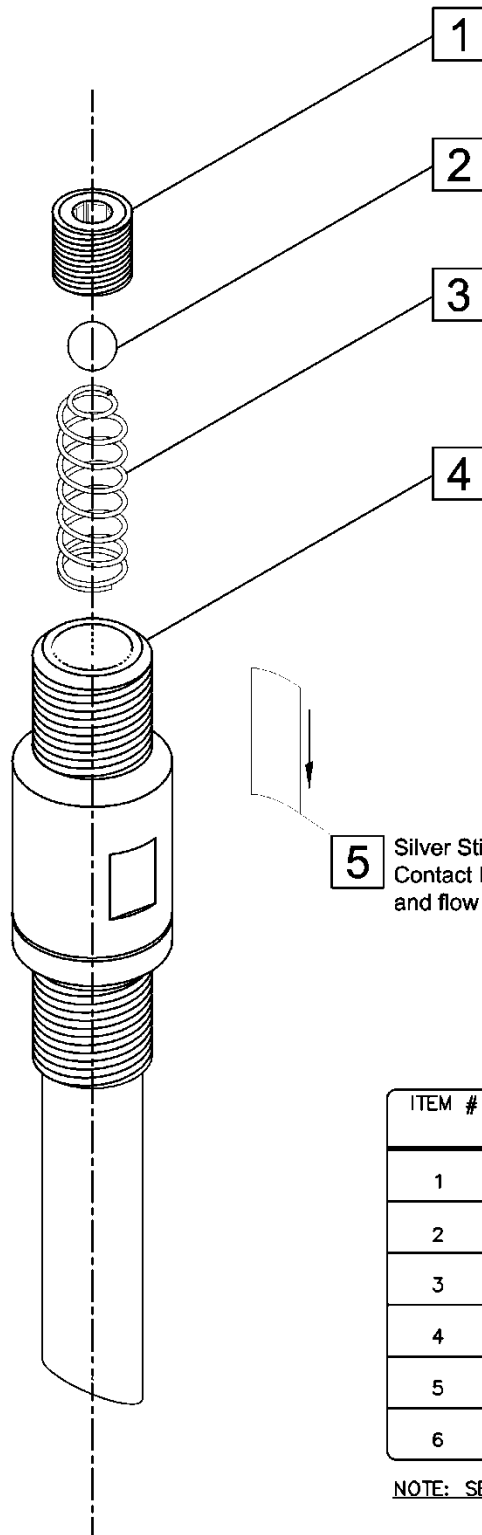
				CODE E
Part #	To Suit Model #	Description	Price USA	
IQPVC-C-S	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 126.00	
IQPVC-C-H	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 177.00	
IQPVC-C-T	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 248.00	
IQPVC-G-S	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 186.00	
IQPVC-G-H	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 237.00	
IQPVC-G-T	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 310.00	
IQPVC-P-S	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 186.00	
IQPVC-P-H	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 237.00	
IQPVC-P-T	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 310.00	
IQPVC-S-S	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 161.00	
IQPVC-S-H	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 210.00	
IQPVC-S-T	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 282.00	
IQPVC-H-S	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 186.00	
IQPVC-H-H	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 237.00	
IQPVC-H-T	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 310.00	
IQPVC-T-S	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 294.00	
IQPVC-T-H	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 343.00	
IQPVC-T-T	All PVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 416.00	
IQCPVC-C-S	All CPVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 141.00	
IQCPVC-C-H	All CPVC IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 191.00	

Recommended Spare Parts Pro-Kit

CODE E

[illegible]

PFS Injection Quill – IQ - Alloy – Exploded Parts View



MATERIAL/SIZE CODING

X = S/S6 = (316 STAINLESS STEEL)
X = HAST = (HASTELLOY C276)
X = ALL20 = (ALLOY20)
X = TITA = (TITANIUM)

Φ = S/S6 = (316 STAINLESS STEEL)
Φ = HAST = (HASTELLOY C276)
Φ = TITA = (TITANIUM)
Φ = CR = (CERAMIC)
Φ = GFPTF = (25% GF PTFE)
Φ = PVDF = (PVDF)

⊗ = S/S6 = (316 STAINLESS STEEL)
⊗ = HAST = (HASTELLOY C276)
⊗ = TITA = (TITANIUM)

⊕ = 2.625 (2-5/8) INSERTION UNITS
⊕ = 4.625 (4-5/8) INSERTION UNITS
⊕ = OTHER THAN STANDARD LENGTH
CONTACT FACTORY

^ = S = (316 STAINLESS STEEL)
^ = H = (HASTELLOY C276)
^ = A = (ALLOY20)
^ = T = (TITANIUM)

5 Silver Sticker -
Contact Information
and flow direction arrow

6
White
Sticker -
Model + S/N

* ADD SUFFIX -25 FOR 1/4" ORIFICE

ITEM #	DESCRIPTION	PART#
1	SEAT, CHECK	IQ-1X-SEAT
2	BALL, CHECK	IQ-1 Φ -BALL
3	SPRING, CHECK	IQ-1 ⊗ -SPRING
4	BODY, QUILL, W/ CHECK*	IQ-5- ⊕ - ^
5	LABEL, DIRECTION, SILVER	IQ-LABEL-DIR
6	LABEL, MODEL + SERIAL #	MSLABEL

NOTE: SERIAL NUMBER & MODEL REQUIRED FOR PARTS ORDER

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY
FLUID SYSTEMS INC.

PRIMARY FLUID SYSTEMS INC.

1050 Cooke Blvd., Burlington, Ontario L7T 4A8

PFS INJECTION QUILL EXPLODED ALLOY PARTS VIEW

DATE ISSUED: 19-OCT-11 SCALE: NTS SHEET: 1 OF 1
PROJECT: INJECTION QUILL DRAWN BY: BCB

APPROVED BY: DWG NO: IQ-A-5075NPT-1325-L-XPL REV.# 3

PFS Injection Quill - IQ - Alloy

CODE E

Item #	Description	Material	Part #	Price USA
1	Seat, Check	316 Stainless Steel	IQ-1S/S6-SEAT	\$ 55.00
	Seat, Check	Hastelloy C276	IQ-1HAST-SEAT	\$ 191.00
	Seat, Check	Alloy 20	IQ-1ALL20-SEAT	\$ 182.00
	Seat, Check	Titanium	IQ-1TITA-SEAT	\$ 522.00
2	Ball, Check	316 Stainless Steel	IQ-1S/S6-BALL	\$ 70.00
	Ball, Check	Hastelloy C276	IQ-1HAST-BALL	\$ 98.00
	Ball, Check	Titanium	IQ-1TITA-BALL	\$ 204.00
	Ball, Check	Ceramic	IQ-1CR-BALL	\$ 36.00
	Ball, Check	25% GF PTFE	IQ-1GFTFE-BALL	\$ 98.00
	Ball, Check	PVDF	IQ-1PVDF-BALL	\$ 98.00
3	Spring, Check	316 Stainless Steel	IQ-1S/S6-SPRING	\$ 54.00
	Spring, Check	Hastelloy C276	IQ-1HAST-SPRING	\$ 102.00
	Spring, Check	Titanium	IQ-1TITA-SPRING	\$ 178.00
4	Body Quill W/ Check *	316 Stainless Steel (2-5/8) Insertion Units	IQ-5-2.625-S	\$ 241.00
	Body Quill W/ Check *	316 Stainless Steel (4-5/8) Insertion Units	IQ-5-4.625-S	\$ 282.00
	Body Quill W/ Check *	Hastelloy C276 (2-5/8) Insertion Units	IQ-5-2.625-H	P.O.A.
	Body Quill W/ Check *	Hastelloy C276 (4-5/8) Insertion Units	IQ-5-4.625-H	P.O.A.
	Body Quill W/ Check *	Alloy 20 (2-5/8) Insertion Units	IQ-5-2.625-A	P.O.A.
	Body Quill W/ Check *	Alloy 20 (4-5/8) Insertion Units	IQ-5-4.625-A	P.O.A.
	Body Quill W/ Check *	Titanium (2-5/8) Insertion Units	IQ-5-2.625-T	P.O.A.
	Body Quill W/ Check *	Titanium (4-5/8) Insertion Units	IQ-5-4.625-T	P.O.A.
Other Than Standard Length Contact Factory				
5		Silver Sticker-Contact Information & Flow Direction Arrow	IQ-LABEL-DIR	\$ 5.50
6		White Sticker - Model + S/N	MSLABEL	N/A
* Add Suffix -25 for 1/4" Orifice				

Recommended Spare Parts

Pro-Kit

CODE E

Part #	To Suit Model #	Description	Price USA
IQS-S-S	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 180.00
IQS-S-H	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 231.00
IQS-S-T	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 303.00
IQS-H-S	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 208.00
IQS-H-H	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 259.00
IQS-H-T	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 331.00
IQS-T-S	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 311.00
IQS-T-H	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 363.00
IQS-T-T	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 436.00
IQS-C-S	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 145.00
IQS-C-H	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 194.00
IQS-C-T	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 267.00
IQS-G-S	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 208.00
IQS-G-H	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 259.00
IQS-G-T	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 331.00
IQS-P-S	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 208.00
IQS-P-H	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 259.00
IQS-P-T	All S/S IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 331.00
IQHAST-S-S	All HAST IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 314.00
IQHAST-S-H	All HAST IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 365.00
IQHAST-S-T	All HAST IQ-56 & 58 or 76 & 78 or 5X	Items Include: 1, 2 & 3	\$ 439.00

Pro-Kit

CODE E

[illegible]

PFS Corporation Stop – Plastic – Exploded Parts View

1
2
3
4
5
6
4A
7
8
9
10
11
12

Silver Sticker - Contact Information and flow direction arrow

White Sticker - Model + S/N

MATERIAL/SIZE CODING	
X = PVC = (PVC)	^ = P = (PVC)
X = CPVC = (CPVC CORZAN)	^ = C = (CPVC CORZAN)
X = PP = (POLYPROPYLENE)	^ = PP = (POLYPROPYLENE)
X = PVDF = (PVDF)	^ = K = (PVDF)
Φ = CR = (CERAMIC)	Φ = 8.125 (2-5/8) INSERTION PVC/CPVC
Φ = GFPTF = (25% GF PTFE)	Φ = 10.125 (4-5/8) INSERTION PVC/CPVC
Φ = PVDF = (PVDF)	Φ = 8.5 (2-5/8) INSERTION PP/PVDF
Φ = S/S6 = (316 STAINLESS STEEL)	Φ = 10.5 (4-5/8) INSERTION PP/PVDF
Φ = HAST = (HASTELLOY C276)	Φ = OTHER THAN STANDARD LENGTH CONTACT FACTORY
Φ = TITA = (TITANIUM)	Ø = 0 (USED WITH PVC & CPVC UNITS)
⊗ = S/S6 = (316 STAINLESS STEEL)	Ø = 5 (USED WITH PP & PVDF UNITS)
⊗ = HAST = (HASTELLOY C276)	√ = V = VITON (STANDARD SEAL)
⊗ = TITA = (TITANIUM)	√ = E = EPDM (OPTIONAL SEAL)
# = PVC = (PVC)	▽ = PVC = (PVC)
# = CPVC = (CPVC CORZAN)	▽ = CPVC = (CPVC CORZAN)
	▽ = PVDF = (PVDF)
	Σ = PVC = (PVC)
	Σ = CPVC = (CPVC CORZAN)
	Σ = PP = (POLYPROPYLENE)
	Σ = PVDF = (PVDF)

ITEM #	DESCRIPTION	PART#
1	SEAT, CHECK	IQ-1X-SEAT
2	BALL, CHECK	IQ-1 Φ-BALL
3	SPRING, CHECK	IQ-1 ⊗-SPRING
4	BODY, CHECK*	IQ-BODY-#
4A	QUILL**	IQ-Ø-Φ-^
5	LABEL, DIRECTION, SILVER	IQ-LABEL-DIR
6	LABEL, MODEL + SERIAL #	MSLABEL
7	SEAL, GLAND	√-208
8	GLAND	CCS-▽-GLD
9	VALVE	CCS-VAL-▽
10	SCREW, SET	10-24X3/8-316SS
11	CHAIN, ASSY	CCS-SSCA
12	NIPPLE	NIP-Σ

NOTE: SERIAL NUMBER & MODEL REQUIRED FOR PARTS ORDER

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS INC.

PRIMARY FLUID SYSTEMS INC.
1050 Cooke Blvd., Burlington, Ontario L7T 4A8

**PFS CORPORATION STOP – PLASTIC VALVE
EXPLODED PARTS VIEW**

DATE ISSUED: 19-OCT-11 SCALE: NTS SHEET: 1 OF 1
PROJECT: CORP STOP DRAWN BY: JCB
APPROVED BY: DWG NO.: CS-PV-5075NPT-7510BV-XPL REV.#: 5

* ONLY USED WITH PVC AND CPVC UNITS
** ADD SUFFIX -25 FOR 1/4" ORIFICE

PFS Corporation Stop - Plastic

CODE E

Item #	Description	Material	Part #	Price USA
1	Seat, Check	PVC	IQ-1PVC-SEAT	\$ 36.00
	Seat, Check	CPVC (Corzan)	IQ-1CPVC-SEAT	\$ 52.00
	Seat, Check	Polypropylene	IQ-1PP-SEAT	\$ 52.00
	Seat, Check	PVDF	IQ-1PVDF-SEAT	\$ 69.00
2	Ball, Check	Ceramic	IQ-1CR-BALL	\$ 36.00
	Ball, Check	25% GF PTFE	IQ-1GFTFE-BALL	\$ 98.00
	Ball, Check	PVDF	IQ-1PVDF-BALL	\$ 98.00
	Ball, Check	316 Stainless Steel	IQ-1S/S6-BALL	\$ 70.00
	Ball, Check	Hastelloy C276	IQ-1HAST-BALL	\$ 98.00
	Ball, Check	Titanium	IQ-1TITA-BALL	\$ 204.00
3	Spring, Check	316 Stainless Steel	IQ-1S/S6-SPRING	\$ 54.00
	Spring, Check	Hastelloy C276	IQ-1HAST-SPRING	\$ 102.00
	Spring, Check	Titanium	IQ-1TITA-SPRING	\$ 178.00
4	Body, Check*	PVC	IQ-BODY-PVC	\$ 138.00
	Body, Check*	CPVC (Corzan)	IQ-BODY-CPVC	\$ 235.00
4A	Quill**	PVC (2-5/8) Insertion Units	IQ-0-8.125-P	\$ 135.00
	Quill**	PVC (4-5/8) Insertion Units	IQ-0-10.125-P	\$ 149.00
	Quill**	CPVC (Corzan) (2-5/8) Insertion Units	IQ-0-8.125-C	\$ 155.00
	Quill**	CPVC (Corzan) (4-5/8) Insertion Units	IQ-0-10.125-C	\$ 169.00
	Quill**	Polypropylene (2-5/8) Insertion Units	IQ-5-8.5-PP	\$ 342.00
	Quill**	Polypropylene (4-5/8) Insertion Units	IQ-5-10.5-PP	\$ 394.00
	Quill**	PVDF (2-5/8) Insertion Units	IQ-5-8.5-K	\$ 767.00
	Quill**	PVDF (4-5/8) Insertion Units	IQ-5-10.5-K	\$ 818.00
Other Than Standard Length Contact Factory				
5	Label	Silver Sticker - Contact Information & Flow Direction Arrow	IQ-LABEL-DIR	\$ 5.50
6	Label	White Sticker - Model + S/N	MSLABEL	N/A
7	Seal, Gland	VITON (Standard Seal)	V-208	\$ 3.05
	Seal, Gland	EPDM (Optional Seal)	E-208	\$ 3.05
8	Gland	PVC	CCS-PVC-GLD	\$ 71.00
	Gland	CPVC (Corzan)	CCS-CPVC-GLD	\$ 89.00
	Gland	PVDF	CCS-PVDF-GLD	\$ 201.00
9	Valve	PVC	CCS-VAL-PVC	\$ 87.00
	Valve	CPVC (Corzan)	CCS-VAL-CPVC	\$ 209.00
	Valve	PVDF	CCS-VAL-PVDF	\$ 705.00
9A	Valve Assembly	PVC Valve Assembly (inc. item #10)	CCS-VAL-PVC-ASSY	\$ 117.00
	Valve Assembly	CPVC Valve Assembly (inc. item #10)	CCS-VAL-CPVC-ASSY	\$ 240.00
	Valve Assembly	PVDF Valve Assembly (inc. item #10)	CCS-VAL-PVDF-ASSY	\$ 735.00
10	Screw, Set	Stainless Steel	10-24X3/8-316SS	\$ 4.90
11	Chain, A'ssy	Stainless Steel	CCS-SSCA	\$ 12.25
12	Nipple	PVC	NIP-PVC	\$ 3.95
	Nipple	CPVC (Corzan)	NIP-CPVC	\$ 11.00
	Nipple	Polypropylene	NIP-PP	\$ 8.50
	Nipple	PVDF	NIP-PVDF	\$ 71.00
* Only Used with PVC And CPVC Units				
** Add Suffix - 25 For 1/4" Orifice				

Recommended Spare Parts Pro-Kit

CODE E

[illegible]

Recommended Spare Parts Pro-Kit

CODE E

[illegible]

Recommended Spare Parts Pro-Kit

CODE E

Part #	To Suit Model #	Description	Price USA
CSPP-T-H-V	All PP CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 361.00
CSPP-T-H-E	All PP CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 361.00
CSPP-T-T-V	All PP CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 434.00
CSPP-T-T-E	All PP CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 434.00
CSPVDF-C-S-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 162.00
CSPVDF-C-S-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 162.00
CSPVDF-C-H-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 211.00
CSPVDF-C-H-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 211.00
CSPVDF-C-T-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 283.00
CSPVDF-C-T-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 283.00
CSPVDF-G-S-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 225.00
CSPVDF-G-S-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 225.00
CSPVDF-G-H-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 274.00
CSPVDF-G-H-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 274.00
CSPVDF-G-T-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 346.00
CSPVDF-G-T-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 346.00
CSPVDF-P-S-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 225.00
CSPVDF-P-S-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 225.00
CSPVDF-P-H-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 274.00
CSPVDF-P-H-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 274.00
CSPVDF-P-T-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 346.00
CSPVDF-P-T-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 346.00
CSPVDF-S-S-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 195.00
CSPVDF-S-S-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 195.00
CSPVDF-S-H-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 246.00
CSPVDF-S-H-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 246.00
CSPVDF-S-T-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 319.00
CSPVDF-S-T-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 319.00
CSPVDF-H-S-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 225.00
CSPVDF-H-S-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 225.00
CSPVDF-H-H-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 274.00
CSPVDF-H-H-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 274.00
CSPVDF-H-T-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 346.00
CSPVDF-H-T-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 346.00
CSPVDF-T-S-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 330.00
CSPVDF-T-S-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 330.00
CSPVDF-T-H-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 377.00
CSPVDF-T-H-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 377.00
CSPVDF-T-T-V	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 451.00
CSPVDF-T-T-E	All PVDF CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 451.00

PFS Corporation Stop – Alloy – Exploded Parts View

MATERIAL/SIZE CODING

X = S/S6 = (316 STAINLESS STEEL)
X = HAST = (HASTELLOY C276)
X = ALL20 = (ALLOY20)
X = TITA = (TITANIUM)

Φ = S/S6 = (316 STAINLESS STEEL)
Φ = HAST = (HASTELLOY C276)
Φ = TITA = (TITANIUM)
Φ = CR = (CERAMIC)
Φ = GFPTF = (25% GF PTFE)
Φ = PVDF = (PVDF)

⊗ = S/S6 = (316 STAINLESS STEEL)
⊗ = HAST = (HASTELLOY C276)
⊗ = TITA = (TITANIUM)

⊕ = 7.25 (2-5/8) INSERTION UNITS
⊕ = 9.25 (4-5/8) INSERTION UNITS
⊕ = OTHER THAN STANDARD LENGTH CONTACT FACTORY

^ = S = (316 STAINLESS STEEL)
^ = H = (HASTELLOY C276)
^ = A = (ALLOY20)
^ = T = (TITANIUM)

√ = V = VITON (STANDARD SEAL)
√ = E = EPDM (OPTIONAL SEAL)

Σ = S/S6 = (316 STAINLESS STEEL)
Σ = HAST = (HASTELLOY C276)

* ADD SUFFIX -25 FOR 1/4" ORIFICE

ITEM #	DESCRIPTION	PART#
1	SEAT, CHECK	IQ-1X-SEAT
2	BALL, CHECK	IQ-1 Φ -BALL
3	SPRING, CHECK	IQ-1 ⊗ -SPRING
4	BODY, QUILL, W/ CHECK	IQ-5- ⊕ - ^
5	LABEL, DIRECTION, SILVER	IQ-LABEL-DIR
6	LABEL, MODEL + SERIAL #	MSLABEL
7	SEAL , GLAND	√ 208
8	GLAND	CCS-Σ -GLD
9	VALVE	CCS-VAL-Σ
10	SCREW, SET	10-24X3/8-316SS
11	CHAIN, ASSY	CCS-SSCA
12	NIPPLE	NIP-Σ

NOTE: SERIAL NUMBER & MODEL REQUIRED FOR PARTS ORDER

DO NOT COPY WITHOUT PRIOR WRITTEN APPROVAL FROM PRIMARY FLUID SYSTEMS INC.

PRIMARY FLUID SYSTEMS INC.
1050 Cooke Blvd., Burlington, Ontario L7T 4A8

**PFS CORPORATION STOP – ALLOY
EXPLODED PARTS VIEW**

DATE ISSUED: 19-OCT-11 SCALE: NTS SHEET: 1 OF 1
PROJECT: CORP STOP DRAWN BY: BCB
APPROVED BY: DWG NO: CS-A-5075NPT-7510BV-XPL REV.#: 3

PFS Corporation Stop - Alloy

CODE E

Item #	Description	Material	Part #	Price USA
1	Seat, Check	316 Stainless Steel	IQ-1S/S6-SEAT	\$ 55.00
	Seat, Check	Hastelloy C 276	IQ-1HAST-SEAT	\$ 191.00
	Seat, Check	Alloy 20	IQ-1ALL20-SEAT	\$ 182.00
	Seat, Check	Titanium	IQ-1TITA-SEAT	\$ 522.00
2	Ball, Check	316 Stainless Steel	IQ-1S/S6-BALL	\$ 70.00
	Ball, Check	Hastelloy C 276	IQ-1HAST-BALL	\$ 98.00
	Ball, Check	Titanium	IQ-1TITA-BALL	\$ 204.00
	Ball, Check	Ceramic	IQ-1CR-BALL	\$ 36.00
	Ball, Check	25% GF PTFE	IQ-1GFTFE-BALL	\$ 98.00
	Ball, Check	PVDF	IQ-1PVDF-BALL	\$ 98.00
3	Spring, Check	316 Stainless Steel	IQ-1S/S6-SPRING	\$ 54.00
	Spring, Check	Hastelloy C 276	IQ-1HAST-SPRING	\$ 102.00
	Spring, Check	Titanium	IQ-1TITA-SPRING	\$ 178.00
4	Body Quill W / Check	Stainless Steel (2-5/8) Insertion Units	IQ-5-7.25-S	\$2,071.00
	Body Quill W / Check	Stainless Steel (4-5/8) Insertion Units	IQ-5-9.25-S	\$2,450.00
	Body Quill W / Check	Hastelloy C276 (2-5/8) Insertion Units	IQ-5-7.25-H	P.O.A.
	Body Quill W / Check	Hastelloy C276 (4-5/8) Insertion Units	IQ-5-9.25-H	P.O.A.
	Body Quill W / Check	Alloy 20 (2-5/8) Insertion Units	IQ-5-7.25-A	P.O.A.
	Body Quill W / Check	Alloy 20 (4-5/8) Insertion Units	IQ-5-9.25-A	P.O.A.
	Body Quill W / Check	Titanium (2-5/8) Insertion Units	IQ-5-7.25-T	P.O.A.
	Body Quill W / Check	Titanium (4-5/8) Insertion Units	IQ-5-9.25-T	P.O.A.
Other Than Standard Length Contact Factory				
5	Label	Silver Sticker - Contact Information & Flow Direction Arrow	IQ-LABEL-DIR	\$ 5.50
6	Label	White Sticker-Model + S/N	MSLABEL	N/A
7	Seal, Gland	Viton (standard seal)	V-208	\$ 3.05
	Seal, Gland	EPDM (optional seal)	E-208	\$ 3.05
8	Gland	316 Stainless Steel	CCS-S/S6-GLD	\$ 201.00
	Gland	Hastelloy C 276	CCS-HAST-GLD	P.O.A.
9	Valve	316 Stainless Steel	CCS-VAL-S/S6	\$ 185.00
	Valve	Hastelloy C 276	CCS-VAL-HAST	P.O.A.
10	Screw, Set	Stainless Steel	10-24X3/8-316SS	\$ 4.90
11	Chain A'ssy	Stainless Steel	CCS-SSCA	\$ 12.25
12	Nipple	316 Stainless Steel	NIP-S/S6	\$ 29.00
	Nipple	Hastelloy C 276	NIP-HAST	P.O.A.
* Add Suffix - 25 For 1/4" Orifice				

Recommended Spare Parts

Pro-Kit

CODE E

[illegible]

Pro-Kit

CODE E

[illegible]

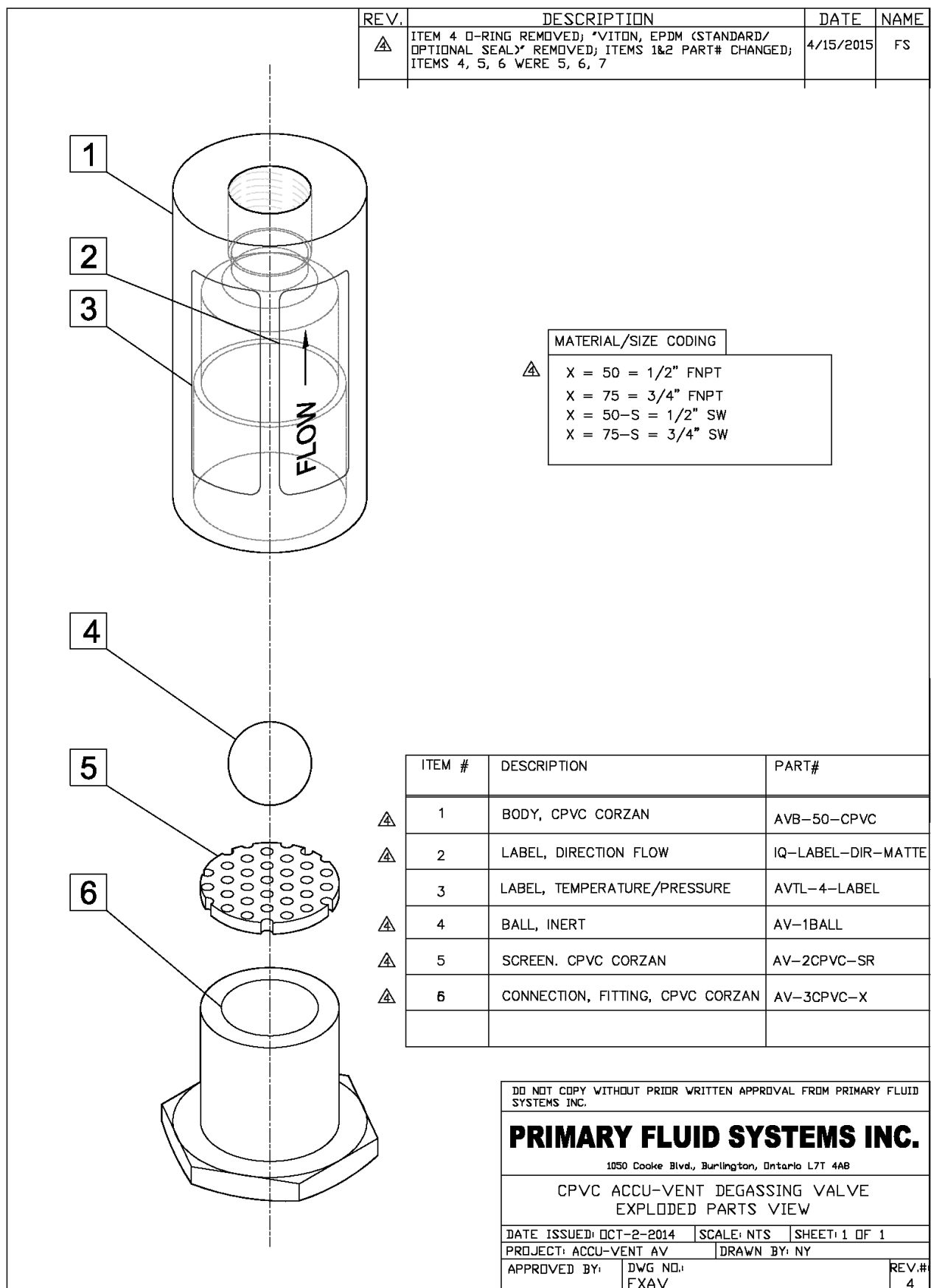
Recommended Spare Parts

Pro-Kit

CODE E

Part #	To Suit Model #	Description	Price USA
CS ALL20-G-T-V	All ALL20 CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 460.00
CS ALL20-G-T-E	All ALL20 CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 460.00
CS ALL20-P-S-V	All ALL20 CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 337.00
CS ALL20-P-S-E	All ALL20 CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 337.00
CS ALL20-P-H-V	All ALL20 CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 388.00
CS ALL20-P-H-E	All ALL20 CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 388.00
CS ALL20-P-T-V	All ALL20 CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 460.00
CS ALL20-P-T-E	All ALL20 CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 460.00
CSTITA-S-S-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 650.00
CSTITA-S-S-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 650.00
CSTITA-S-H-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 699.00
CSTITA-S-H-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 699.00
CSTITA-S-T-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 770.00
CSTITA-S-T-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 770.00
CSTITA-H-S-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 677.00
CSTITA-H-S-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 677.00
CSTITA-H-H-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 726.00
CSTITA-H-H-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 726.00
CSTITA-H-T-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 798.00
CSTITA-H-T-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 798.00
CSTITA-T-S-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 783.00
CSTITA-T-S-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 783.00
CSTITA-T-H-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 832.00
CSTITA-T-H-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 832.00
CSTITA-T-T-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 904.00
CSTITA-T-T-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 904.00
CSTITA-C-S-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 613.00
CSTITA-C-S-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 613.00
CSTITA-C-H-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 663.00
CSTITA-C-H-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 663.00
CSTITA-C-T-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 737.00
CSTITA-C-T-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 737.00
CSTITA-G-S-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 677.00
CSTITA-G-S-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 677.00
CSTITA-G-H-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 726.00
CSTITA-G-H-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 726.00
CSTITA-G-T-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 798.00
CSTITA-G-T-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 798.00
CSTITA-P-S-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 677.00
CSTITA-P-S-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 677.00
CSTITA-P-H-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 726.00
CSTITA-P-H-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 726.00
CSTITA-P-T-V	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 798.00
CSTITA-P-T-E	All TITA CS-56 & 58 or 5X	Items Include: 1, 2, 3, & 7	\$ 798.00

Accuvent – AV – Exploded Parts View



Accuvent

Item #	Description	Part #	Price USA
1	Body, CPVC (Corzan)	ACM-AV-50-CPVC	N/A
2	Label, Directional Flow	TVDL-13-21	N/A
3	Label, Temperature/Pressure	AVTL-4-LABEL	N/A
4	Ball Insert	AV-1BALL	N/A
5	Screen, CPVC (Corzan)	AV-2CPVC-SR	N/A
6	Connection, Fitting, CPVC (Corzan) 50 = 1/2" FNPT	AV-3CPVC-50	N/A
	Connection, Fitting, CPVC (Corzan) 75 = 3/4" FNPT	AV-3CPVC-75	N/A
	Connection, Fitting, CPVC (Corzan) 50-S = 1/2" SW	AV-3CPVC-50-S	N/A
	Connection, Fitting, CPVC (Corzan) 75-S = 3/4" SW	AV-3CPVC-75-S	N/A

There are no recommended spare parts
N/A = not applicable

Terms

Prices quoted are in US Funds
Net 30 days firm upon approved credit
F.O.B. Burlington, Ontario, Canada
All Freight charges are extra
Stock to 1 one week normal delivery on standard items
Options and specials consult factory
Prices subject to change without notice
Minimum order of \$100.00 net

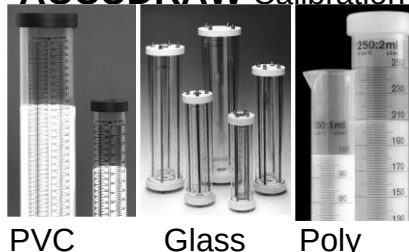
Page Intentionally Left Blank

Page Intentionally Left Blank

Metering Pump Accessories Save \$\$\$\$

Prevent unsafe and inefficient systems by design.

ACCUDRAW Calibration Cylinders



PVC

Glass

Poly

- PVC, glass, polypropylene
- translucent, chemical resistant
- coloured graduations and lettering
- threaded or socket connections
- standard sizes 100 ml to 20,000 ml

Custom built in other sizes and materials.

TOP VALVE Back Pressure/Pressure Relief



- long life diaphragm
- range of 0 – 150 PSIG
- air release, optional gauge port
- PVC, CPVC, PVDF, PTFE, polypropylene, stainless, Alloy 20 and Hastelloy C
- 7 sizes 1/4" – 2" NPT
- colour coded handles indicate size

Designed to enhance the accuracy and safety of your metering pumps.

ACCU-PULSE

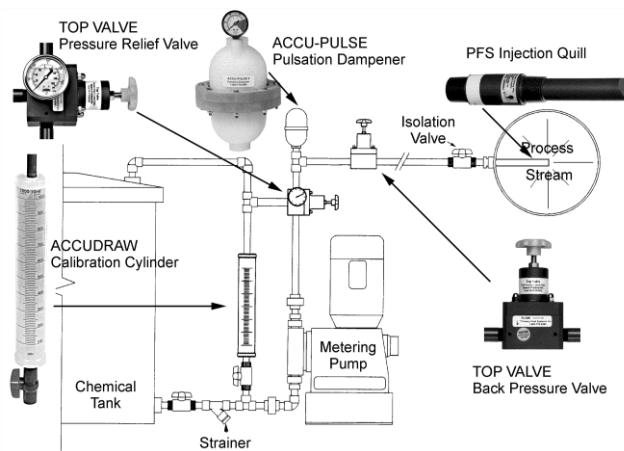
Pulsation Dampeners



Designed to remove pulsating flows from positive displacement pumps.

- increase system efficiency and pump life
- decrease maintenance and costs
- protect pipes, meters, valves and instrumentation from pulsation and vibration
- ensure meter accuracy, longevity and repeatability
- prevent foaming and splashing
- extensive range of materials and sizes
- lightweight, compact design

Typical Metering Pump System



AutoCad drawings available from our web site.

Visit www.primaryfluid.com

PFS Injection Quills



Designed to inject chemical into the center stream of process.

- provides for a more homogenous mix in the pipeline
 - built-in checks to prevent back siphoning
 - 2 sizes 6" and 8" length
 - 1/2" or 3/4" NPT, BPST, or Flg'd Conn.
 - PVC, CPVC, PVDF, polypropylene, Stainless, Hastelloy C & Titanium
 - pressure to 3000 PSIG
 - temperature to 260°C (500°F)
- Custom built in other sizes and materials.*

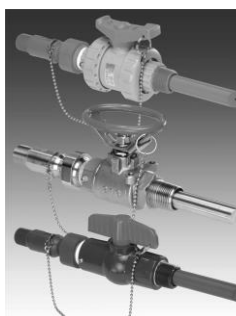
Accu-Vent



Designed to automatically vent gases and vapours.

- vents gases and vapors released from Sodium Hypochlorite, Sulfuric Acid & Hydrogen Peroxide
- CPVC (Corzan) and Viton corrosion resistant wetted materials of construction
- specially designed float material automatically vents built up gases on system start up and under working pressure
- standard 1/2" or 3/4" NPT threaded connections or optional socket weld
- available in other materials

PFS Corporation Stops



Designed to inject chemical into the center stream of process.

- isolation valve allows for ease of maintenance
 - available in 6 materials of construction
 - wetted components have comparable or greater chemical resistance than quill construction material
 - standard and custom lengths available
 - connection in NPT, metric or flanged
- Custom built in other sizes & materials.*



**PRIMARY FLUID
SYSTEMS INC.**

Call Toll Free 1-800-776-6580
Tel (905 333-8743 Fax (905 333-8746

E-mail: primary@primaryfluid.com
<http://www.primaryfluid.com>