

Exploded View -- Back Pressure / Pressure Relief Valve

1/2" High Flow, 3/4", 1" ECO Valves

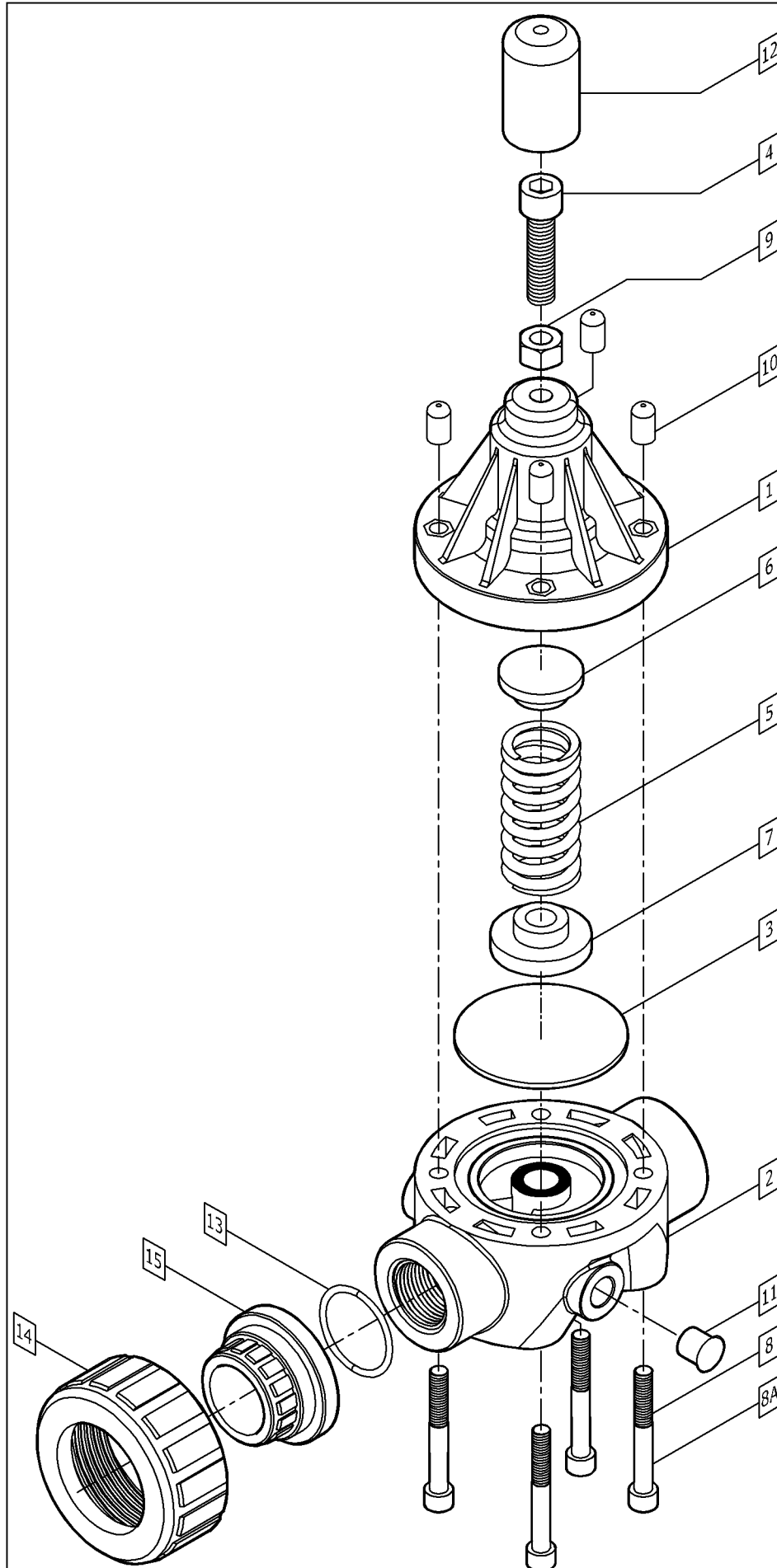


CHART OF MATERIAL/SIZE CODING: SERIES-B

∞ = PVC = (PVC TYPE 1)
∞ = CPVC = (CPVC: CORZAN)
∞ = PP = (POLYPROPYLENE)
∞ = PVDF = (POLYVINYLIDENE FLUORIDE: KYNAR)
∞ = SS = (316L STAINLESS STEEL)
Δ = NPT
Δ = BSPT
Δ = SOC (Imperial)
Δ = SOC-M (Metric)
Ω = NPT
Ω = BSPT
Ω = SOC
Ω = UNN
Ω = FLG
⊘ = "BLANK" = STD TEFLON Laminated EPDM
⊘ = V = OPTIONAL VITON
⊘ = E = OPTIONAL EPDM
⊘ = P = OPTIONAL PVC
Φ = 55 = 1/2" VALVES (HIGH FLOW)
Φ = 75 = 3/4" VALVES
Φ = 10 = 1" VALVES
⊗ = Y = YELLOW = 1/2" VALVES
⊗ = R = RED = 3/4" VALVES
⊗ = B = BLUE = 1" VALVES
Σ = V = VITON
Σ = E = EPDM
Σ = T = TEFLON Encapsulated VITON

ITEM	QTY	DESCRIPTION	PART NUMBER
1	1	BONNET	EVT-1CPVC-51
2	1	BODY	EVB-2∞-Φ-Ω
3	1	DIAPHRAGM	EVD-3-51-⊘
4	1	ADJUSTING BOLT	EVAB-4-51
5	1	SPRING (Ni Plated)	EVS-5-51
6	1	TOP DISC	EVTD-6-51
7	1	BOTTOM DISC	EVBD-7-51
8	4	BOLTS SS (Plastic)	EVSB-8-51
8A	4	BOLTS SS (Metal)	EVSB-8A-Φ
9	1	LOCK NUT SS	EVBN-9-51
10	4	BOLT CAP COVER	EVBC-10-51
11	2	GAUGE PORT CAP	EVGC-11
12	1	BONNET CAP COVER	EVTC-12-⊗-51
13	2	UNION SEAL O-RING*	EVO-13-51-Σ
14	2	UNION NUT*	EVUN-14-∞-51
15	2	UNION INSERT*	EVUI-15-∞-Δ-Φ

-UNDERLINED ITEMS REQUIRE CODES FROM ABOVE CHART
*OPTIONAL FEATURE (AVAILABLE IN PLASTIC ONLY)

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PRIMARY FLUID SYSTEMS INC.

1050 Cooke Blvd., Burlington, Ontario L7T 4A8

ECO BACK PRESSURE & PRESSURE RELIEF VALVE - 1/2", 3/4" & 1" (EXPLODED VIEW)

DATE ISSUED: 20-APR-09 | SCALE: NTS | SHEET: 1 OF 1
PROJECT: B-SERIES ECO VALVE | DRAWN BY: SAA
APPROVED BY: DWG NO: B-SER_ECOVALVE-EXP | REV.# 1