

# HOW TO ORDER

## ECO VALVE\*

### Backpressure/Pressure Sustaining and Pressure Relief Valves

#### ECO Valve Standard Material of Construction

CPVC (polyvinylchloride) Top – (Corzan)

PTFE laminated to EPDM diaphragm – on all valves except PVC (see below for Misc. options)

PVC diaphragm standard in PVC valve bodies

Stainless Steel Fasteners

Gauge Port – both sides of valve ready for drilling and tapping (see below for Misc. options)

Threaded Body – (see below for Valve Style or Connection options)

150 psig max. Rated – (see below for Valve Style or Connection options)

140°F (60°C) max. Temp. Rated – (see below for Valve Style or Connection options)

**NOTE:** CRN is available on certain valves. Please contact factory for price and availability.

**Example:** ECO50A-PVDF-V-NL

ECO Valve – Backpressure - fntp thr'd - 1/2" Valve Port Connection - Body Material of PVDF

Viton Diaphragm - Threaded gauge port (Flow left to right)

e.g.: Part # **ECO50A-PVDF-V-NL**

ECO - 50A - PVDF - V - NL

**Back Pressure/Pressure Relief  
Valve 2 Port Design**

#### Sizes Available:

25 = 8 mm = 1/4"  
38 = 10 mm = 3/8"  
50 = 15 mm = 1/2"  
55 = 15 mm = 1/2" (High Flow)  
75 = 20 mm = 3/4"  
100 = 25 mm = 1"  
110 = 25 mm = 1" (High Flow)  
125 = 32 mm = 1 1/4"  
150 = 40 mm = 1 1/2"  
200 = 50 mm = 2"  
220 = 50 mm = 2" (High Flow)  
300 = 75 mm = 3"  
400 = 100 mm = 4"

#### Connections Available:

A = NPT  
B = BSPT  
C = Socket weld N.A.  
D = Socket weld Metric  
E = Flanged ANSI  
F = Flanged DIN  
G = Union X NPT (plastic only)  
H = Union X BSPT (plastic only)  
I = Union X Socket N.A. (plastic only)  
J = Union X Socket Metric (plastic only)

#### Options

NL = gauge port – NPT (left to right flow)  
BL = gauge port – BSP (left to right flow)  
NR = gauge port – NPT (right to left flow)  
BR = gauge port – BSP (right to left flow)

#### Diaphragms

P = PVC (standard on all PVC valves)  
T = PTFE backed EPDM (standard on all  
except PVC valves)  
E = EPDM  
V = Viton

#### Body Materials

PVC = polyvinylchloride  
PP = polypropylene  
PVDF = polyvinylidene fluoride  
CPVC = chlorinated polyvinyl chloride  
(Corzan)  
S/S = 316L Stainless Steel

**Note:** Viton "O" ring seals are standard on all union style valves. EPDM and PTFE encapsulated rings are available for an additional charge. Please contact our sales order desk for pricing.

**As Manufactured By:**



**PRIMARY FLUID  
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