

Add proportioning and material layering capability to vacuum loaders and receivers. Use as dry air or ambient air convey/purge valve.

NOVATEC external proportioning valves can easily be added to our single inlet vacuum loaders or receivers, allowing two materials to be layered or added in different proportions. The EPV can also be used for purging material lines, after each shot of resin is transported, ensuring that resin will not build up and cause plugging of the lines.

- **Durable Construction**

Abrasion-resistant stainless steel body with welded seams, flange-mounted high-heat silicone seals standard and stainless steel disc/seat with adjustable throw

- **Easy-View of Interior**

Through thick, full sized vertical polycarbonate window

- **Easy Access**

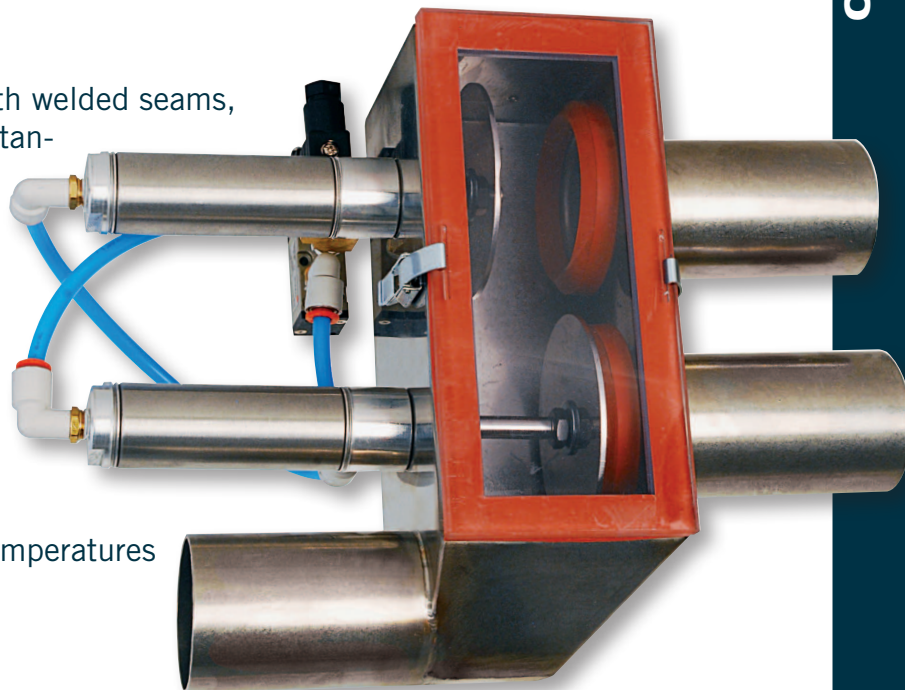
Quick-release latches allow access to interior

- **High Temperature Applications**

For use with all thermoplastic resins at temperatures up to 350° F. (170° C)

Plus:

- Positive seal shutoff valve cylinders
- Supplied with coupler
- 2-Year warranty



Proportioning Loading Control with Blowback

Proportioning and Purge Controls

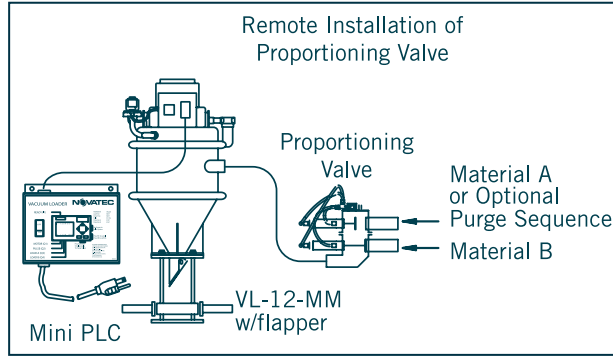
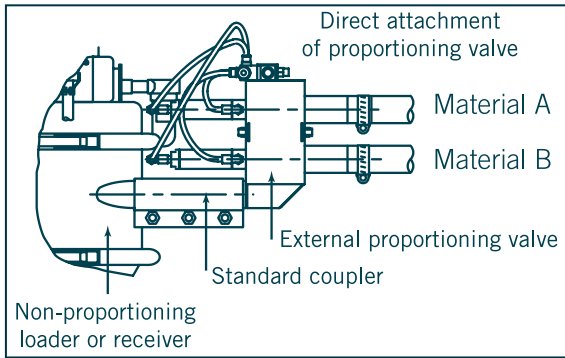
Many central and self contained loading controls are equipped with proportioning and/or purging control capability for the addition of the EPV.

For control systems not equipped with proportioning, these controls, featuring Siemens LOGO! microprocessors may be specified:

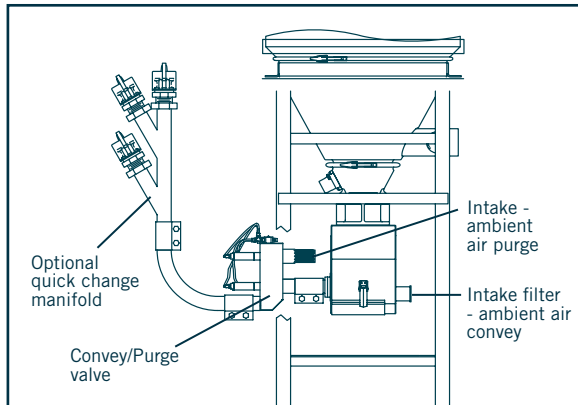
PC-1-24 Proportioning Control:
(for 24 VDC control systems)

PC-1-11 Proportioning Control:
(for 115 volt control systems)

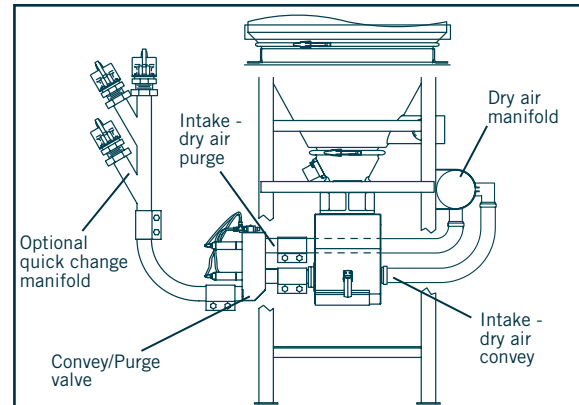
External Proportioning Valve Application



Convey/Purge Valve Application



Configured to convey resin and purge material lines with ambient air.

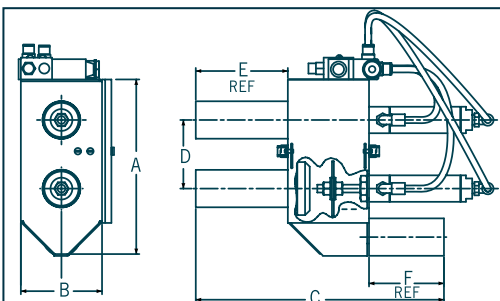


Configured to convey resin and purge material lines with dry air taken from dry air manifold.

Specifications

24 VDC Models	EPV-15-24		EPV-20-24		EPV-25-24		EPV-30-24		EPV-40-24	
115/1/60 Models	EPV-15-11		EPV-20-11		EPV-25-11		EPV-30-11		EPV-40-11	
Dimensions	in.	cm	in.	cm	in.	cm	in.	cm	in.	cm
Inlet/Outlet O.D.	1.5	3.85	2	5.1	2.5	6.35	3	7.6	4	10.16
A - Height	7	17.8	8.5	21.6	11.38	28.9	11.38	28.9	14.75	37.5
B - Width	3.25	8.26	3.75	9.53	4.75	12.07	4.75	12.07	5.75	14.61
C - Length	9.94	25.25	9.94	25.25	10.69	27.15	12.25	31.1	13.19	33.5
D - Inlets C-C	2.75	7	3.25	8.26	4.19	10.64	4.19	10.64	5.25	13.34
E - Inlet Length	3.69	9.37	3.69	9.37	4.44	11.28	4.5	11.43	4.44	11.28
F - Outlet Length	3	7.62	3	7.62	3	7.62	3.5	8.89	4.5	11.4

Compressed air consumption: 0.2 ft³/min. at 80 psi (0.3 m³/hr at 5.5 bars)



Accessories: (Shipped separately. Show as separate line item on order.)

Filter Screen: to make EPV function as external purge valve
 1.5" Part # 09163; 2.0" Part # 01037, 2.5" Part # 09400,
 3.0" Part # 09516; 4.0" Part # 01-0618

DeviceNet Cable(s): in lieu of standard cable(s) 24VDC Part # DNET-DIN-SMC

Proportioning Valve Control: 24VDC P/N PC-1-24;
 115/1/60 Part # PC-1-11 [Requires connection to 24VDC (or 115 if using 115V) power at the receiver or loader, plus load signal]