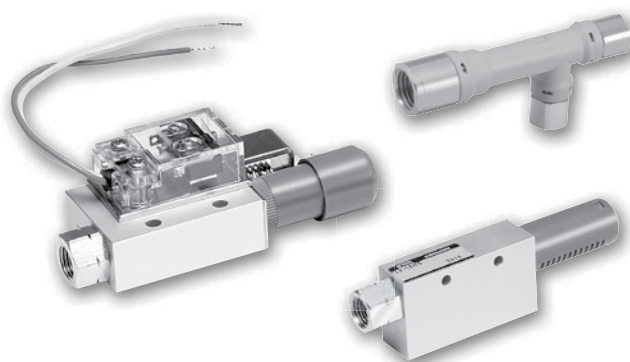


Features & Characteristics

MCA, CV, CV-CK

Parker Inline Single Stage Vacuum Generators is a compact design offering multiple vacuum flow ranges in 3 styles. These Generators are meant to be mounted near the vacuum application for improved vacuum response time. A Normally Open or Normally Closed 3 way valve can be used to control the supply pressure to obtain up to a 27 InHg degree of vacuum.



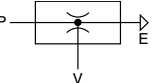
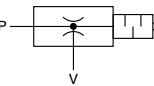
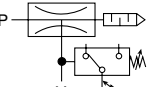
Features

- **MCA:**
 - light weight vacuum generator
 - vacuum flow rates to 1.26 SCFM
- **CV:**
 - basic aluminum body generator with exhaust muffler
 - vacuum flow rates to 12.36 SCFM
 - degree of vacuum to 27 inHg
- **CV-CK**
 - basic aluminum body generator with mechanical vacuum switch
 - vacuum flow rates to 5.85 SCFM
 - degree of vacuum to 27 inHg

Specifications

Media	Non-lubricated air, non-corrosive gases
Operating pressure	14 to 114 PSI
Operating temperature	32° to 120°F (MCA, CV); 32 to 140°F (CV-CK)
Material	Polycarbonate, Aluminum fittings (MCA) Body: Aluminum (CV, CV-CK) Nozzle: Nickel plated brass (CV, CV-CK)
CV-CK Switch	Setting range: 5.9 to 15.7 inHg, accuracy ± 1.57 inHg Hysteresis: 1.1 to 3.9 inHg Switch output: N.O., AC125V; 5A, AC250V; 3A, DC250V; 0.2A

Model numbers

	Port size			Max. vacuum flow SCFM	Air consumption SCFM	Max. degree of vacuum inHg	Part number	Part number
Symbol	Pressure	Vacuum	Exhaust				NPT	BSPP
MCA Series								
	1/8	1/8	1/4	1.68	1.68	24	MCA10HSN1N1N2	MCA10HSG1G1N2
	1/8	1/8	1/4	2.81	2.81	24	MCA13HSN1N1N2	MCA13HSG1G1G2
CV Series								
	1/8	1/8	Muffler	0.21	0.46	27	CV05HSN	CV05HSG
	1/8	1/8	Muffler	0.32	0.46	17	CV05LSN	CV05LSG
	1/8	1/8	Muffler	0.95	1.55	27	CV10HSN	CV10HSG
	1/8	1/8	Muffler	1.27	1.55	17	CV10LSN	CV10LSG
	1/4	3/8	Muffler	2.22	3.53	27	CV15HSN	CV15HSG
	1/4	3/8	Muffler	3.35	3.53	17	CV15LSN	CV15LSG
	1/4	3/8	Muffler	3.88	6.36	27	CV20HSN	CV20HSG
	1/4	1/2	Muffler	5.85	6.36	17	CV20LSN	CV20LSG
	3/8	1/2	Muffler	5.65	9.36	27	CV25HSN	CV25HSG
	3/8	1/2	Muffler	8.83	9.36	17	CV25LSN	CV25LSG
	1/2	3/4	Muffler	7.94	13.60	27	CV30AHSN	CV30AHSG
	1/2	3/4	Muffler	12.36	13.60	17	CV30ALSN	CV30ALSG
CV-CK Series								
	1/8	1/8	—	0.95	1.55	27	CV10HSCKN	CV10HSCKG
	1/4	1/4	—	2.22	3.53	27	CV15HSCKN	CV15HSCKG
	1/4	3/8	—	3.88	6.36	27	CV20HSCKN	CV20HSCKG

■ Most popular.

