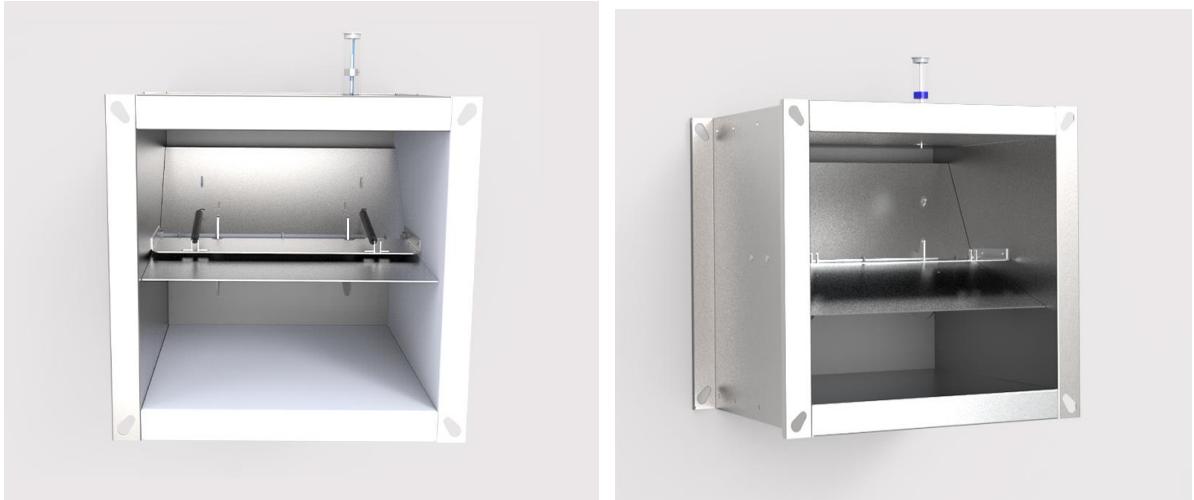


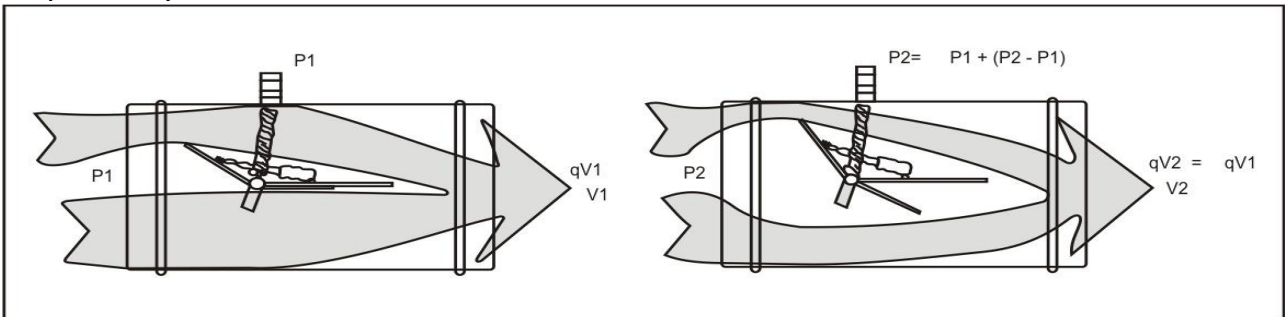
CONSTANT VOLUME UNITS – CAV UNITS - PRISMATIC – CAV-01



USAGE AREA AND FEATURES :It offers easy and economical solutions in systems where constant air flow will be used. Easily adjusted Cav dampers mechanically keep the air flow to the desired value by means of a spring. Thanks to its mechanism, it fixes its position against the changing air flow at the desired flow. In case of changing channel pressure, it prevents the change of flow by increasing or decreasing the pressure loss.

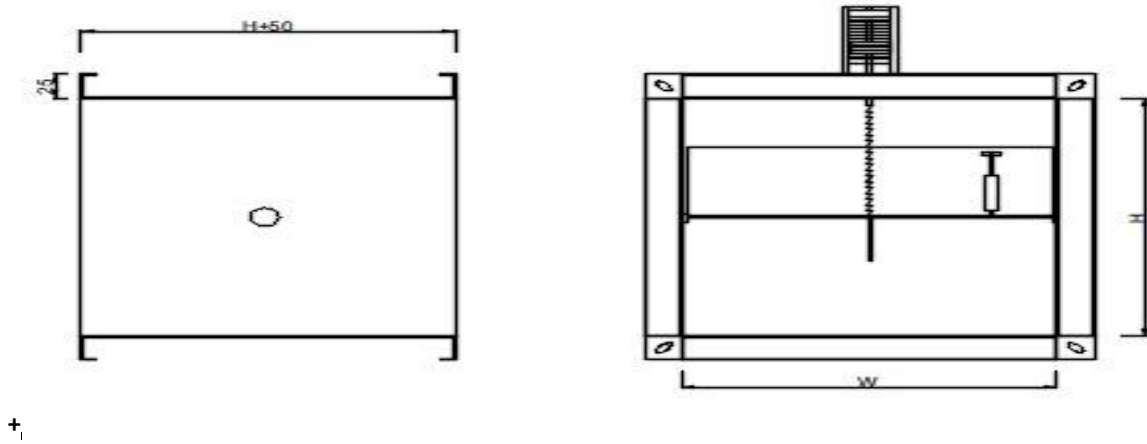
BENEFITS

- Adjusts constant flow rate in air velocity changes.
- It can be used in suction and blowing lines.
- It is economical compared to motorized dampers.
- Cav dampers, 50 Pa-250 Pa in the range of 2m / s and 10m / s. Between.
- Air flow adjustment can be made on site with a 2mm allen key.
- Has an accuracy of $\pm 10\%$.
- Optionally, it can be manufactured with insulated and silencer.



Material: Cav Dampers are manufactured from 1mm galvanized plate. Air fins on the body are made of aluminum plate. Air adjustment scale is made of transparent material, air adjustment cover is made by plastic injection printing method. The shock absorber in the body is designed to prevent vibration in the fins. Spring mechanisms are specially calibrated. There is coating on the damper to prevent rust. It is produced with 2 wings as the dimensions grow. Damper duct flanges are manufactured as 24mm.

TECHNICAL MEASUREMENT:



EASY SELECTION TABLE AND STANDARD DIMENSIONS

A*B			100	150	200	250	300	350	400	450	500	600	700	800	900	1000
100	MIN	m ³ /h	75	110	150	180	200	250	300	330	360	430	500	570	650	700
	MAX	m ³ /h	350	550	700	900	1.000	1.250	1.400	1.600	1.800	2.150	2.500	2.900	3.250	3.600
150	MIN	m ³ /h	110	150	200	250	300	350	450	490	550	650	750	850	950	1.100
	MAX	m ³ /h	550	800	1.000	1.300	1.600	1.800	2.100	2.400	2.700	3.250	3.800	4.300	4.850	5.400
200	MIN	m ³ /h	150	200	300	350	400	500	550	650	750	850	1.000	1.150	1.300	1.450
	MAX	m ³ /h	700	1.000	1.400	1.800	2.100	2.500	2.800	3.250	3.500	4.300	5.000	5.750	6.500	7.200
250	MIN	m ³ /h	180	250	350	450	500	600	700	800	900	1.100	1.250	1.450	1.600	1.800
	MAX	m ³ /h	900	1.300	1.800	2.200	2.600	3.100	3.500	4.000	4.400	5.400	6.300	7.200	8.100	9.000
300	MIN	m ³ /h	200	300	400	550	600	750	850	950	1.000	1.250	1.500	1.750	2.000	2.150
	MAX	m ³ /h	1.000	1.600	2.100	2.700	3.200	3.700	4.300	4.800	5.300	6.400	7.500	8.500	9.500	10.800
400	MIN	m ³ /h	300	450	550	700	850	1.000	1.100	1.300	1.400	1.700	2.000	2.300	2.600	3.000
	MAX	m ³ /h	1.400	2.100	2.800	3.500	4.300	5.000	5.700	6.500	7.100	8.600	9.900	11.500	13.000	14.000
450	MIN	m ³ /h	---	490	650	800	950	1.100	1.300	1.450	1.600	1.950	2.250	2.600	2.900	3.250
	MAX	m ³ /h	---	2.400	3.250	4.000	4.800	5.600	6.500	7.300	8.100	9.700	11.300	12.950	14.500	16.200
500	MIN	m ³ /h	---	---	750	900	1.000	1.200	1.400	1.600	1.700	2.100	2.500	2.900	3.250	3.600
	MAX	m ³ /h	---	---	3.500	4.400	5.300	6.200	7.100	8.100	9.000	10.500	12.600	14.400	16.200	18.000
600	MIN	m ³ /h	---	---	850	1.100	1.250	1.500	1.700	1.950	2.100	2.600	3.000	3.450	3.900	---
	MAX	m ³ /h	---	---	4.300	5.400	6.400	7.500	8.600	9.700	10.500	13.000	15.100	17.300	19.400	---
700	MIN	m ³ /h	---	---	---	1.250	1.500	1.800	2.000	2.250	2.500	3.000	3.500	4.000	---	---
	MAX	m ³ /h	---	---	---	6.300	7.500	8.500	9.900	11.300	12.600	15.100	17.650	20.100	---	---
800	MIN	m ³ /h	---	---	---	---	1.750	2.000	2.300	2.600	2.900	3.450	---	---	---	---
	MAX	m ³ /h	---	---	---	---	8.500	9.900	11.500	12.950	14.400	17.300	---	---	---	---
900	MIN	m ³ /h	---	---	---	---	2.000	2.300	2.600	2.900	3.250	3.900	---	---	---	---
	MAX	m ³ /h	---	---	---	---	9.500	11.000	13.000	14.500	16.200	19.400	---	---	---	---
1000	MIN	m ³ /h	---	---	---	---	---	2.500	3.000	3.250	3.600	---	---	---	---	---
	MAX	m ³ /h	---	---	---	---	---	12.600	14.000	16.200	18.000	---	---	---	---	---