

VARIBLE VOLUME UNITS – PRISMATIC - VAV – CKV-02



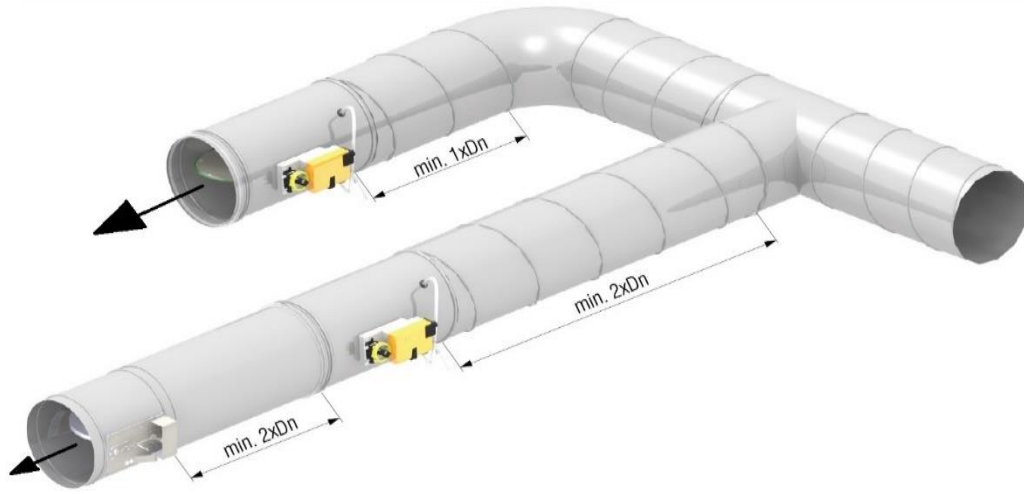
AREAS OF USAGE AND FEATURES: It is used with automation in ventilation systems. It provides ease of use in situations where the air flow needs to be changed optionally. Ease of use is provided in intensive care units, operating theaters, buildings where savings and comfort are sought. The degree of sealing complies with EN 1751 Class –C. It is controlled by servomotor.

MATERIAL: CKV-02 VAV Damper Body 1 mm. It is manufactured from the galvanized plate without bolt-nut method without welding. Damper blade 1.5 mm. It is manufactured from aluminum profile with sealed gasket. Elements that provide damper sensitivity are used from aluminum profile. Specially designed servomotor is used as the main control element.

INSTALLATION: bolted as standard.

COATING: Your body is made of galvanized coated sheet metal, blades are made of Al.profil.

CKV-02 VAV DAMPER MOUNTING



STANDARD DIMENSIONS

L (cm.)	H (cm)	W (cm.)												
		20	30	35	40	45	50	60	70	75	80	85	90	100
35	15	*	*	*	*	*	*	*						
35	20	*	*	*	*	*	*	*	*	*	*			
35	25		*	*	*	*	*	*	*	*	*	*		
35	30		*	*	*	*	*	*	*	*	*	*	*	*
35	35			*	*	*	*	*	*	*	*	*	*	*
35	40				*	*	*	*	*	*	*	*	*	*

VAV DAMPERS ARE MANUFACTURED WITH STANDARD 30 mm.

SOUND AND PRESSURE LOSSES

W*H	AIR SPEED THAT VAV DAMPER (m/s)	AIR FLOW (m3/h)	LOST SOUND LEVEL (dBA) SUCTION - BLOWING FOR 250Pa		AUDITABLE SOUND LEVEL (dBA) - FOR 250 Pa	
			AIR SUCTION - AIR BLOW	AIR SUCTION - AIR BLOW		
35*30	2	770	17	17	43	36
	4	1.521	20	16	54	47
	6	2.262	30	28	63	56
	8	3.013	31	29	63	57
	10	3.787	26	24	60	53
	12	4.550	24	21	57	50
35*35	2	890	20	15	42	35
	4	1.755	20	15	53	47
	6	1.655	30	28	61	55
	8	3.534	29	28	61	54
	10	4.458	26	25	58	52
	12	5.351	36	36	60	56
40*40	2	1.152	24	21	45	38
	4	2.301	23	21	56	49
	6	3.466	33	30	64	57
	8	4.613	34	31	65	58
	10	5.762	30	28	62	55
	12	6.915	29	26	60	53
50*40	2	1.442	21	20	44	37
	4	2.883	25	23	58	51
	6	4.356	34	31	65	58
	8	5.801	32	29	63	56
	10	7.153	28	26	60	53
	12	8.690	27	24	58	51
60*40	2	1.739	21	19	43	36
	4	3.461	23	21	56	49
	6	5.181	33	30	64	57
	8	6.911	32	29	63	56
	10	8.649	30	28	62	55
	12	10.375	29	26	60	53
80*40	2	2.301	22	20	44	37
	4	4.611	23	21	56	49
	6	6.915	35	32	66	59
	8	9.222	33	30	64	57
	10	11.526	30	28	62	55
	12	13.822	29	26	60	53