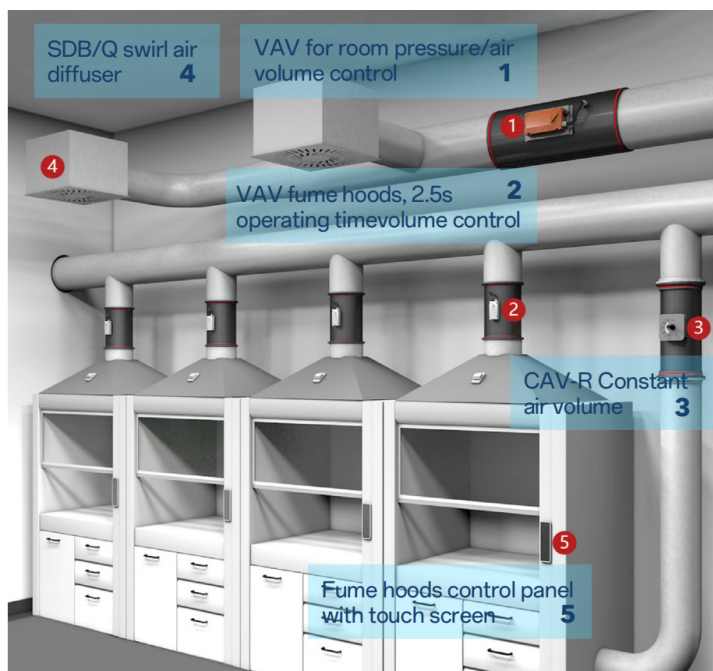


Product Portfolio

KST products are specified in the most demanding environments where precision air control is non-negotiable —from pharmaceutical cleanrooms to biosafety laboratories and tertiary hospitals.

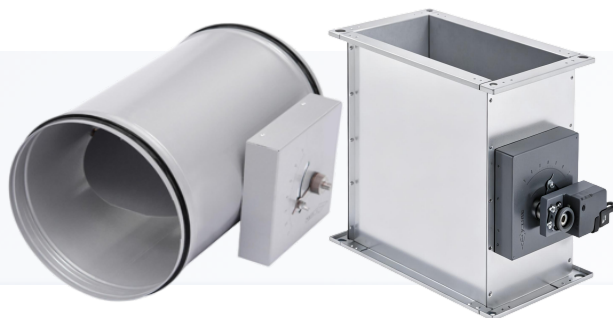


Focus: CAV Solutions

KST CAV · Constant Air Volume Valve

- ▶ National testing agency calibrated — precision < 5%
- ▶ Maintains set air volume within $\pm 10\%$ regardless of pressure
- ▶ Automatic mechanical operation (electric actuators optional)
- ▶ Position-independent installation — robust to inlet/outlet conditions
- ▶ Long service life with consistent control accuracy

- ▶ DIN EN 1751 air tightness Class 4 · leakage < 0.5%
- ▶ 24 air volume measurement holes — error $\leq \pm 5\%$
- ▶ Mobile APP commissioning · cloud maintenance
- ▶ German standard design · Swiss-imported controllers
- ▶ Optional anti-corrosive coating & stainless-steel construction



CAVC-R/Q

air flow rate

150~10000m³/h



CAVP

50~350m³/h

Technical Parameter

TypeØRa	Flow V	Flow V	Error△V	Pressure difference
mm	(L/S)	(m³/h)	±%	Pa
R100	19~99	70~355	<5	50
R125	43~125	155~450	<5	50
R150	53~169	190~610	<5	50
R160	50~194	180~700	<5	50
R200	83~333	300~1200	<5	50
R250	100~472	360~1700	<5	50
R300	146~681	525~2450	<5	50
R315	167~778	600~2800	<5	50
R400	278~1208	1000~4350	<5	50

Size W1xH1	Flow V	Flow V	Size W1xH1	Flow V	Flow V	Error△V	Pressure difference
mm	(L/S)	(m³/h)	mm	(L/S)	(m³/h)	±%	Pa
100*100	33~106	120~380	400*200	153~792	550~2850	<5	50
120*120	36~131	130~470	400*250	194~1000	700~3600	<5	50
150*150	67~250	240~900	400*300	250~1222	900~4400	<5	50
160*120	51~181	185~650	400*320	250~1319	900~4750	<5	50
160*160	51~231	185~830	400*400	319~1625	1150~5850	<5	50
200*100	61~208	220~750	500*200	203~1056	730~3800	<5	50
200*160	75~292	270~1050	500*250	264~1250	950~4500	<5	50
200*200	83~417	300~1500	500*300	292~1528	1050~5500	<5	50
250*200	108~500	390~1800	500*320	319~1611	1150~5800	<5	50
250*250	125~611	450~2200	500*400	417~2014	1500~7250	<5	50
300*100	78~250	280~900	500*500	542~2556	1950~9200	<5	50
300*150	111~403	400~1450	600*200	292~1208	1050~4350	<5	50
300*200	131~583	470~2100	600*250	319~1444	1150~5200	<5	50
320*120	86~361	310~1300	600*300	333~1694	1200~6100	<5	50
320*160	96~514	345~1850	600*400	472~2361	1700~8500	<5	50
320*200	125~625	450~2250	600*500	611~2750	2200~9900	<5	50
320*250	158~778	570~2800	630*250	347~1639	1250~5900	<5	50
320*320	222~1139	800~4100	630*320	458~1958	1650~7050	<5	50
400*120	97~458	350~1650	630*400	431~2472	1550~8900	<5	50

Trusted by Industry Leaders

50+ PHARMACEUTICAL & HOSPITAL PROJECTS · 2020–2026

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Pharmaceutical & Life Science

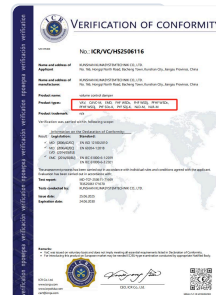
- ★ MERCK China
- ★ Novartis China (Shanghai & Suzhou)
- ★ SINOBIOPHARM China
- ★ WuXi Biologics Singapore CRDMO Center
- ★ Thermo Fisher Scientific (Suzhou)
- ★ Novartis Suzhou
- ★ Chengdu Advanced Medical Science Center
- ★ Shenzhen Beike Biological Industry Base

Hospitals & Research Institutes

- ★ Sun Yat-sen University Hospital
- ★ Shenzhen Third People's Hospital
- ★ Shenzhen Longhua General Hospital
- ★ Hong Kong Central Aid Emergency Hospital
- ★ Wuhan COVID-19 Vaccine Phase II Center
- ★ Peking University Health Science Center
- ★ Shanghai Children's Medical Center
- ★ Novo Nordisk (China) Pharmaceutical

Quality & Compliance

Products verified by ICR Poland according to EN ISO 12100:2010 · EN 60204-1:2018 · EN IEC 61000 series.



Tsinghua University's Air-Ground Integrated Project, China



Central Government-aided Emergency Hospital, China

