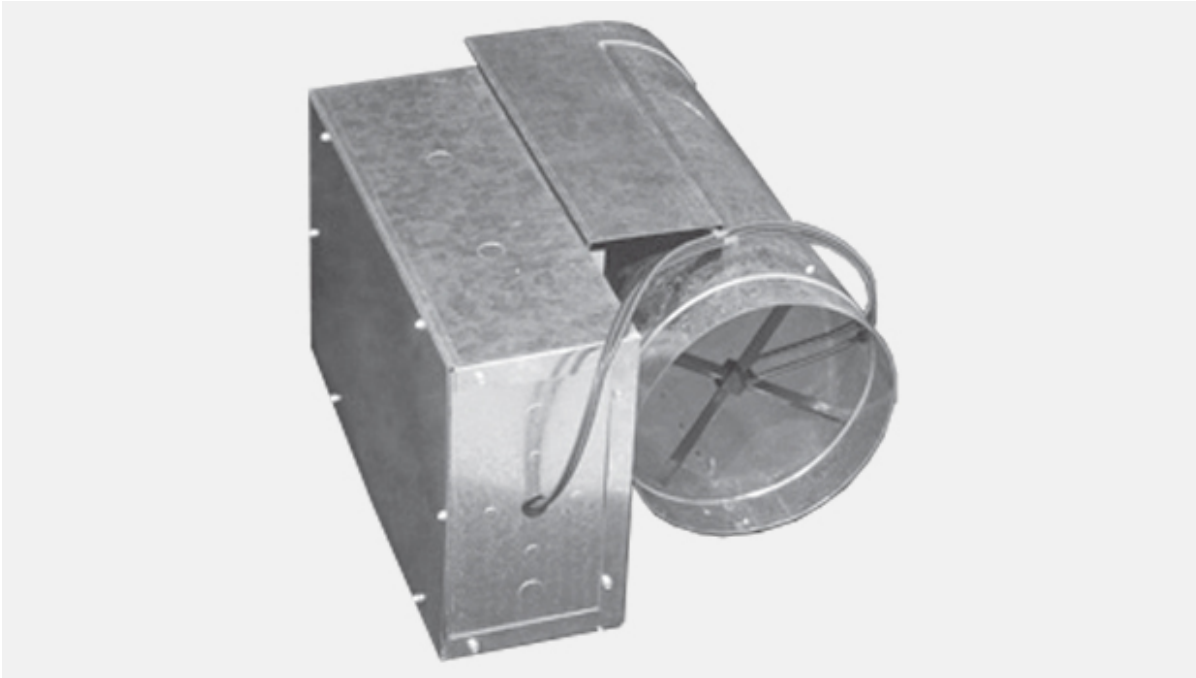


KVV-R – Kitchen ventilation rectangular VAV box



Overview

- Available in many sizes; mounts in almost any square or rectangular duct.
- Gasketing around the orifice plate and mounting plate give the unit a tight seal inside the existing duct.
- Multi-point center averaging sensor amplifies flow signal for best control of low flow rates; center averaging feature provides signal accuracy, regardless of inlet duct configuration.
- Interior housing is fully insulated.
- Multi-blade damper is constructed of heavy gage galvanized steel to prevent vibration under high pressure conditions.
- Elastomer seals on edges of damper blades allow low leakage during full shut off.
- Formed flanges provide added duct stiffness at insertion point.
- Casing may be configured to mount on either right or left side of existing duct.

Unit Capacities

Inlet Size	Airflow CFM [L/s]		Min. Ps.
	Max.	Min.*	
4	230 (109)	40 (19)	0.24
5	360 (170)	62 (29)	0.26
6	515 (243)	89 (42)	0.24
7	700 (330)	121 (57)	0.25
8	920 (434)	159 (75)	0.26
9	1160 (547)	201 (95)	0.26
10	1430 (675)	248 (117)	0.25
12	2060 (972)	357 (168)	0.25
14	2800 (1321)	486 (229)	0.26
16	3660 (1727)	634 (299)	0.25

* The minimum CFM value is based on a signal of 0.03" WG differential pressure of the inlet sensor. Minimum Ps is measured at maximum airflow.