



PRODUCT DESCRIPTION:

- 22 gauge zinc coated mill galvanized steel casing construction, providing strength and product durability
- 1" thick 24 kg/m³ fiberglass insulation with black facing which acts as acoustic attenuator and thermal resistant barrier.
- Mult-point averaging type flow sensor for pressure independent applications.
- All standard outlet connections are rectangular and require a slip and drive duct connection for installation.
- The damper blade and control shaft (3/8"-0) are extruded aluminum mechanically keyed together as a single piece.
- Blade operation by maintenance free nylon bearings for smooth and noiseless operation.

VAD90-ES

VARIABLE AIR VOLUME
STANDARD CONSTRUCTION FEATURE
SINGLE DUCT TERMINAL VAV WITH SOUND ATTENUATOR



DIMENSIONS LISTED IN INCHES - BASIC ASSEMBLY

MODEL	CFM RANGE	DISCHARGE		LENGTH C	COLLAR DIA - ϕ - D	EQUIVALENT OVAL SIZE - O	SILENCER SIZE		
		A	B				P	Q	R
VAD90-02ES	90 - 400	10	10	24	5	N/A	8	8	24
VAD90-04ES	130 - 600	10	10	24	6	N/A	8	8	24
VAD90-06ES	175 - 800	12	10	24	7	N/A	10	8	24
VAD90-08ES	200 - 1000	12	10	24	8	N/A	10	8	24
VAD90-10ES	310 - 1500	14	10	24	10*	7 7/8" X 09 7/16	12	8	24
VAD90-12ES	410 - 2000	16	10	24	12*	7 7/8" X 11 3/16	14	8	24
VAD90-14ES	610 - 3000	22	10	24	14*	7 7/8" X 14 3/16	20	8	24
VAD90-16ES	810 - 4000	28	10	24	16*	7 7/8" X 17 5/16	26	8	24
VAD90-18ES	1000 - 5000	36	10	24	18*	7 7/8" X 20 7/16	34	8	24
VAD90-20ES	1400 - 7000	28	18	24	20*	15 7/8" X 22 5/32	26	16	24
VAD90-22ES	1950 - 10000	36	18	24	24*	15 7/8" X 28 5/32	34	16	24

AE: Air Flow Enter, AD: Air Flow Discharge.

*Provided with flat oval collar. All other collars are round.

Oval Size- O: H X W - Height X Width of oval collar. N/A: Not Available.