

ULTRA-ZONE®

Forced Air Zone Controls

SUBMITTAL SHEET Model VCD Rectangular Volume Control Hand Damper

The VCD series of manually adjusted rectangular volume control dampers are designed to control and limit air volume on rectangular duct runs.

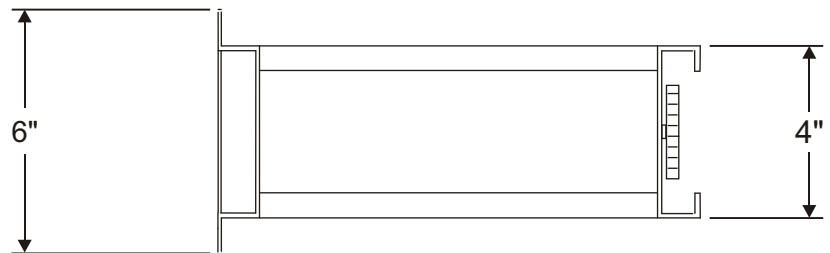
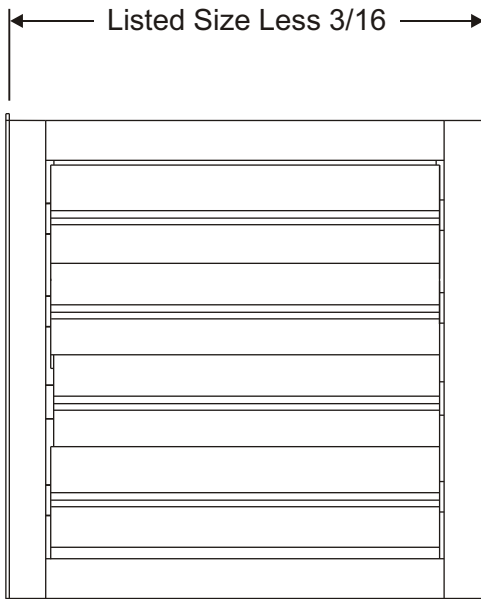
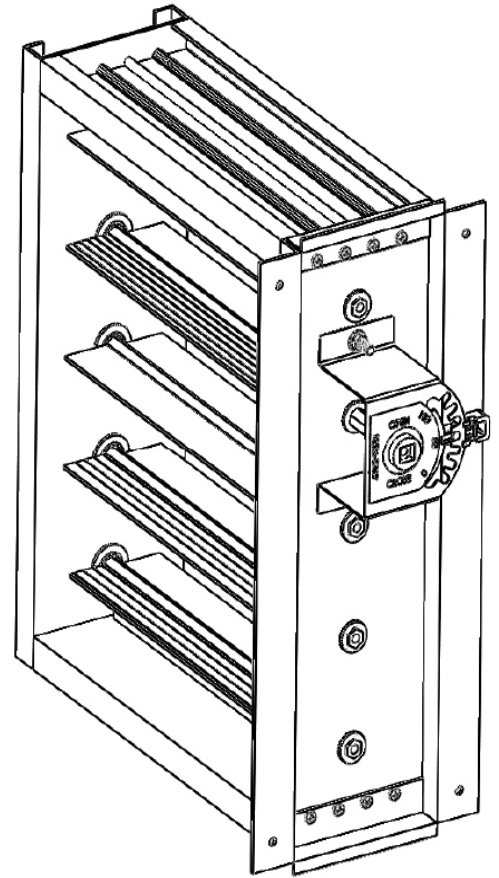
The VCD allows a technician to properly balance the HVAC duct system during a test and balance procedure.

The VCD is built using heavy duty 0.080" extruded aluminum and parallel blade construction. The VCD includes an adjustable heavy duty manual quadrant.

The VCD is designed to provide reliable and quiet volume control at nominal duct velocities.

VCD balancing dampers are easy to install and adjust. The superior design insures long life with zero maintenance and a 5 year warranty.

VCD's are available in size 6"x6" thru 36"x32". See page 2 for airflow performance data.



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SUBMITTAL FORM

SUBMITTED BY: _____
JOB: _____
ARCHITECT: _____
ENGINEER: _____
CONTRACTOR: _____
LOCATION: _____

Model VCD Rectangular
Net Free area & CFM

	8	10	12	14	16	18	20	22	24	26	28	30
6	Free Area (Sq. In.) CFM	19.46 150	28.08 190	34.84 220	41.6 260	48.35 340	55.11 360	63.74 410	70.49 450	77.25 480	84.01 540	90.76 600
8	Free Area (Sq. In.) CFM	28.49 180	41.11 270	51 350	60.89 390	70.78 470	80.67 510	93.3 630	103.19 730	113.08 750	122.97 820	132.86 950
10	Free Area (Sq. In.) CFM	37.51 250	54.14 360	67.16 450	80.19 540	93.21 630	106.24 720	122.86 850	135.88 920	148.91 1040	161.93 1110	174.96 1300
12	Free Area (Sq. In.) CFM	46.54 310	67.16 450	83.32 550	99.48 690	115.64 780	131.8 930	152.42 1080	168.58 1150	184.74 1340	200.9 1410	217.06 1690
14	Free Area (Sq. In.) CFM	55.56 340	80.19 540	99.48 690	118.77 820	138.07 910	157.36 1070	181.98 1360	201.28 1490	220.57 1620	239.86 1680	259.16 2160
16	Free Area (Sq. In.) CFM	64.59 400	93.21 630	115.64 780	138.07 910	160.49 1120	182.92 1280	211.55 1610	233.97 1740	256.4 1860	278.83 2040	301.25 2590
18	Free Area (Sq. In.) CFM	73.62 420	106.24 720	131.8 930	157.36 1070	182.92 1280	208.48 1440	241.11 1790	266.67 2080	292.23 2200	317.79 2380	343.35 3070
20	Free Area (Sq. In.) CFM	82.64 460	119.27 790	147.96 990	176.66 1240	205.35 1450	234.05 1590	270.67 2070	299.36 2250	328.06 2590	356.75 2770	385.45 3360
22	Free Area (Sq. In.) CFM	91.67 530	132.29 880	164.12 1100	195.95 1340	227.78 1550	259.61 1840	300.23 2250	332.06 2580	363.89 2820	395.72 2970	427.55 4220
24	Free Area (Sq. In.) CFM	100.69 500	145.32 950	180.28 1210	215.24 1440	250.21 1640	285.17 1920	329.79 2590	364.76 2820	399.72 3030	434.68 3450	469.65 4570
26	Free Area (Sq. In.) CFM	109.72 500	158.34 1060	196.44 1260	234.54 1580	272.63 1900	310.73 2210	359.36 2770	397.45 3210	435.55 3450	473.65 3730	511.74 5560
28	Free Area (Sq. In.) CFM	118.75 520	171.37 1110	212.6 1440	253.83 1670	295.06 1980	336.29 2280	388.92 3170	430.15 3470	471.38 3670	512.61 3910	553.84 5560
30	Free Area (Sq. In.) CFM	127.77 510	184.4 1160	228.76 1490	273.13 1750	317.49 2050	361.86 2400	418.48 3360	462.84 3630	507.21 3860	551.57 4900	595.94 6500