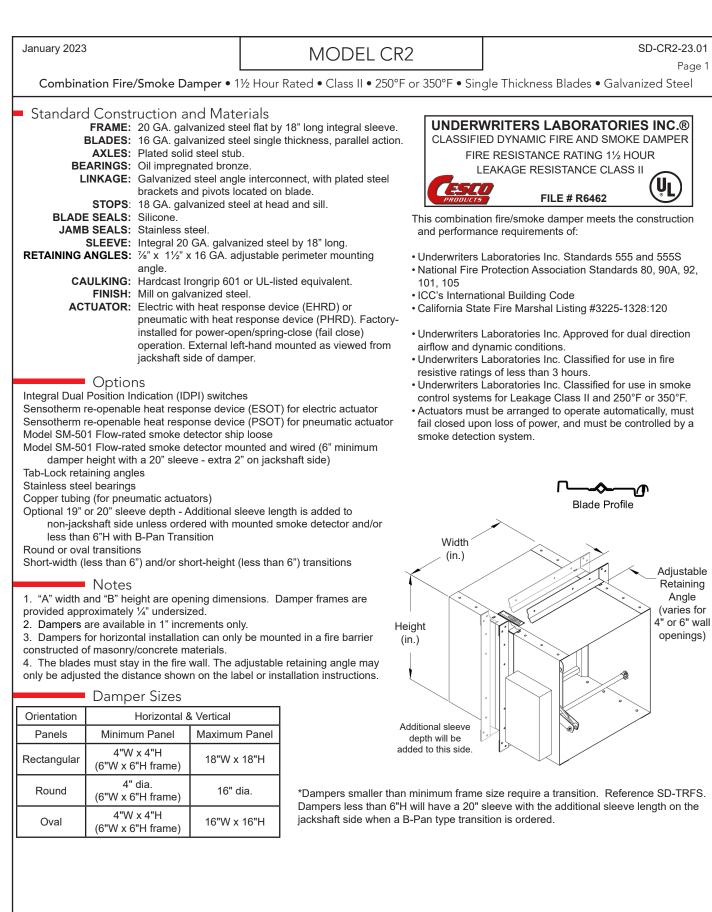
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January 2023

MODEL CR2

SD-CR2-23.01

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Combination Fire/Smoke Damper • 11/2 Hour Rated • Class II • 250°F or 350°F • Single Thickness Blades • Galvanized Steel

Operations Ratings

Maximum Differential Pressure: 4 in. w.g. Maximum Velocity: 2000 fpm

Leakage Ratings

UL Class II

20 cfm per sq. ft. maximum @ 4 in. w.g.

Sound Ratings

The Noise Criterion data below was tested in accordance with ASTM E477.99 in the center octave band.

Noise Criterion (NC)							
Damper	Velocity fpm (m/s)						
Size	1000 (5.08)	2000 (10.16) 3000 (15.24)		4000 (20.32)			
12"W x 12"H (305mm x 305mm)	22dB	44dB	55dB	62dB			

Pressure Drop Ratings

The pressure drop data shown below is based on laboratory conditions. The test setup does not take into account elbows or other duct fittings that are part of every actual duct system. The configuration of the actual duct system immediately upstream and downstream of the damper often contributes more pressure loss than the damper itself.

<u>12"W :</u>	<u>x 12"H</u>		<u>24"W x 24"H</u>		
Velocity (FPM)	ΔΡ (in. w.g.)		Velocity (FPM)	ΔP (in. w.g.)	
500	0.01		500	0.01	
1000	0.04		1000	0.04	
1500	0.09		1500	0.08	
2000	0.16		2000	0.15	
2500	0.25		2500	0.23	

This damper tested in accordance with AMCA 500-D, Figure 5.3

Intake air converted to standard air density.



Cesco Products certifies that the model CR2 damper shown here is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to Air Performance Ratings only.

ltem #	Qty Damper	Dompor Sizo	Horizontal	Vertical	250°F	350°F				
		Damper Size	Orien	Orientation Air		o. Rating			<u>Union Made</u>	
Arch.	/ Eng.:				EDR:		ECN:		Job:	
Contractor:										
Р	roject:				Date:		DWN:		DWG:	
450 Riverside Dr • Wyalusing PA, 18853 Phone: 570-746-1888 • Fax: 570-746-9286 www.cescoproducts.com										