

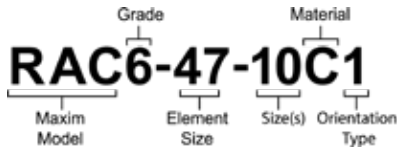
# Guides - MCC, MACC, RAC and MAC Nomenclature



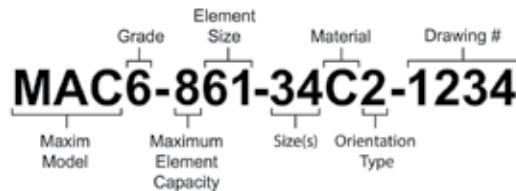
**MCC Series** - MCC is horizontal model, but can be mounted either way, with rectangle elements

**MACC Series** - MACC is vertical base ring tower model with rectangle elements

Model	Grade dBA		-Element Size	#	-Size(s)	Material	Orientation	#
	Noise Reduction							
MCC	1	No Silencing	F 15 x 36"	Element Capacity	Outlet Inlet	C Carbon Steel	1 End in, End out	Drawing #
MACC	2	Residential 20-25	G 15 x 24" or 15.44 x 24.75"		Outlet size is the nominal silencer size	S Stainless Steel 304	2 Side in, End out	
	3	Critical 25-32			T Stainless Steel 316	3 End in, Side out		
	4	Super Critical 30-40			Only list inlet size if different from outlet	4 Side in, Side out		
	6	Hospital Plus 35-50			5 Dual side in, End out			
	7	Extreme 50-55			6 Dual mitered side in, End out			
	8	Super Extreme 45-60			7 Dual end in, Side out			



RAC element capacity is always 2, therefore it is NOT used in the nomenclature.



**RAC Series** - RAC is quick access model with round elements, element capacity is two (2)

**MAC Series** - MAC is vertical model with round elements

Model	Grade dBA		#	Element Size	-Size(s)	Material	Orientation	#
	Noise Reduction							
RAC	1	No Silencing	Element Capacity in MAC	16 8" dia	Outlet Inlet	C Carbon Steel	1 End in, End out	Drawing #
MAC	2	Residential 20-25		20 10" dia	Outlet size is the nominal silencer size	S Stainless Steel 304	2 Side in, End out	
	3	Critical 25-32		24 11.5" dia	T Stainless Steel 316	3 End in, Side out		
	4	Super Critical 30-40		25 12" dia	4 Side in, Side out			
	6	Hospital Plus 35-50		29 14.5" dia	Only list inlet size if different from outlet	5 Dual side in, End out		
				34 17" dia	6 Dual mitered side in, End out			
				39 19.5" dia	7 Dual end in, Side out			
				43 21.5" dia				
				47 23.5" dia				
				53 26.5" dia				
				57 28.5" dia				
		61 30.25" dia						
		67 33.5" dia						

**Element Capacity:** Maximum number of elements housing can hold. RAC element capacity is always 2, therefore it is NOT used in the nomenclature

**Size(s):** MCC and MACC outlet size is the nominal silencer size.

**Drawing numbers:** Drawing numbers are reserved for customized products. Not all part numbers will have drawing numbers.

As of July 2016 this nomenclature for the MCC and MACC represents an internal design change which is a holster style catalyst bed. When ordering old style catalyst bed Legacy MCC part number format should be used. This nomenclature is NOT for MCCO, or MCCOS.



# Guides - MCC, MACC, RAC and MAC Nomenclature

## Cylindrical Silencer Orientation Types



Type 1 - EIEO  
End In, End Out



Type 2 - SIEO  
Side In, End Out



Type 3 - EISO  
End In, Side Out



Type 4 - SISO  
Side In, Side Out



Type 5 - Dual SIEO  
Dual Side In, End Out



Type 6 - Dual Mitered SIEO  
Dual Mitered Side In, End Out

## Mounting Supports

### Horizontal Support Options



ES Type "E"  
Bracket Support (4)



SD Type "F"  
Saddle Support (2)

### Vertical Support Options



D3 Type "D"  
Leg Support (3)



AS Type "A"  
Trunnion Support



BS Type "B"  
Bracket Support

**Mounting Direction:** Silencers may be mounted vertically or horizontally with the drain located accordingly. Specify prior to ordering if silencer is to be mounted vertically.

## Side Inlet and Outlet Directional Placement



End In, Side Out at 3 o'clock



Side In 3 o'clock, Side Out 12 o'clock



Side In 6 o'clock, Side Out 9 o'clock

**Side Inlet and Outlet Placement:** Side inlet and outlet placements are viewed from the inlet end. Other placement options are available upon request. Mounting placement positions are noted as clock positions.