

**APPLICATION**

New space conserving radial design is specifically engineered to provide a high degree of attenuation in a space saving, low profile size. Ideal for engine enclosures, trailers, marine, or any application in which overall height is critical and/or low radiated heat is necessary.

Offered in Critical and Super Critical Series

For "Cool" Series consult factory.

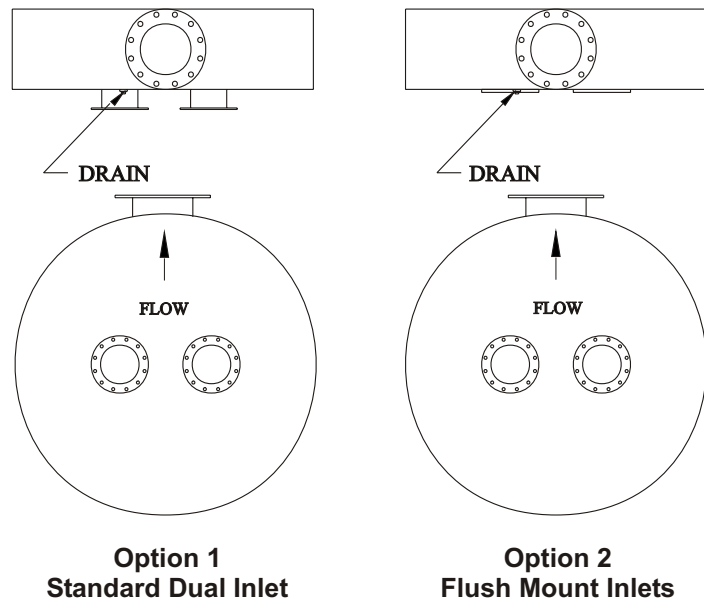
**DUAL INLET OPTIONS**

The 401 Dual Inlets are available in two options:

- (1) Our standard configuration (Option 1) and
- (2) Our space saving Flush Mount (Option 2). The bolt holes on the flush mount are threaded to accommodate standard bolts which conform to the ANSI Flange sizes. Nuts are not required.

Typical attenuation:

- 27 - 32 dB'A' Critical
- 30 - 36 dB'A' Super Critical



**CONSTRUCTION**

All welded heavy-duty steel with compressed thermal acoustical insulation inserted within the double shell construction of the silencer. Silencers are standard with 125/150# ANSI flanged inlet and outlet.

**THERMAL PERFORMANCE**

The 401-5100 Series utilizes an acoustical and thermal insulated packed shell. In a typical exhaust gas application, thermal conductivity (K) of the standard 401 silencer body is approximately 0.5 BTU/ft<sup>2</sup>/F. This combined with a high surface area emissivity yields a lower surface temperature. This makes the 401 series an ideal choice for enclosures or small engine compartments. Additional outer thermal wraps are also available when lower surface temperatures are required. Consult factory for additional specifications and surface temperature analysis.

**FINISH**

Standard finish is high heat silicone black. Consult factory for optional coatings.

**STAINLESS STEEL OPTIONS:**

304, 316, & 316L

**RESTRICTIONS:**

Because of the intrinsic internal design of our 401 Series, our dual inlet options are not available for all engine applications and certain restrictions do apply. Refer to the adjacent chart to determine if your engine application is available in a dual inlet.

See our 501 Series on the next page. A space saving silencer series comparable in performance to our 401 Series that provides greater flexibility for those special applications.

**ORDERING INFORMATION**

Submittal Approval Drawings are issued on all 401 Dual Inlet Orders. Contact your Local Sales Representative or the Factory for additional information.

401 Critical	401 Super Critical	Size Outlet	Inlet(s) Size	Bracket Part No
<b>CAT</b>				
416-6-5112-3508B	416-6-6112-3508B	12"	6"	29-H-12
416-8-5112-3508B	416-8-6112-3508B	12	8	29-H-12
416-8-5114-3512B	416-8-6114-3512B	14	8	29-H-14
416-10-5114-3512B	416-10-6114-3512B	14	10	29-H-14
416-8-5116-3512B	416-8-6116-3512B	16	8	29-H-16
416-10-5116-3512B	416-10-6116-3512B	16	10	29-H-16
416-8-5114-3516	416-8-6114-3516	14	8	29-H-14
416-10-5114-3516	416-10-6114-3516	14	10	29-H-14
416-8-5116-3516	416-8-6116-3516	16	8	29-H-16
416-10-5116-3516	416-10-6116-3516	16	10	29-H-16
416-8-5118-3516	416-8-6118-3516	18	8	29-H-18
416-10-5118-3516	416-10-6118-3516	18	10	29-H-18
<b>CUMMINS</b>				
411-5108-VTA28-G5	411-6108-VTA28-G5	8	5	29-H-8
411-5110-VTA28-G5	411-6110-VTA28-G5	10	5	29-H-10
411-5110-QST30-G1-2	411-6110-QST30-G1-2	10	6	29-H-10
411-5110-QST30-G3	411-6110-QST30-G3	10	6	29-H-10
411-5112-QST30-G3-5	411-6112-QST30-G3-5	12	6	29-H-12
411-5110-KTA38-G3	411-6110-KTA38-G3	10	6	29-H-10
411-5112-KTA38-G3-5	411-6112-KTA38-G3-5	12	6	29-H-12
411-5112-KTA50-G3	411-6112-KTA50-G3	12	6	29-H-12
411-5114-KTA50-G3-4	411-6114-KTA50-G3-4	14	6	29-H-14
411-5114-KTA50-G9	411-6114-KTA50-G9	14	6	29-H-14
<b>DDA/KOHLER</b>				
418-5114-12V4000	418-6114-12V4000	14	10	29-H-14
418-5116-12V4000	418-6116-12V4000	16	10	29-H-16

FOR FLUSH MOUNTED INLETS (OPTION 2) ADD THE LETTERS "FM" AFTER THE PART NUMBER:

I.E. 411-5110-VTA28-G5-FM