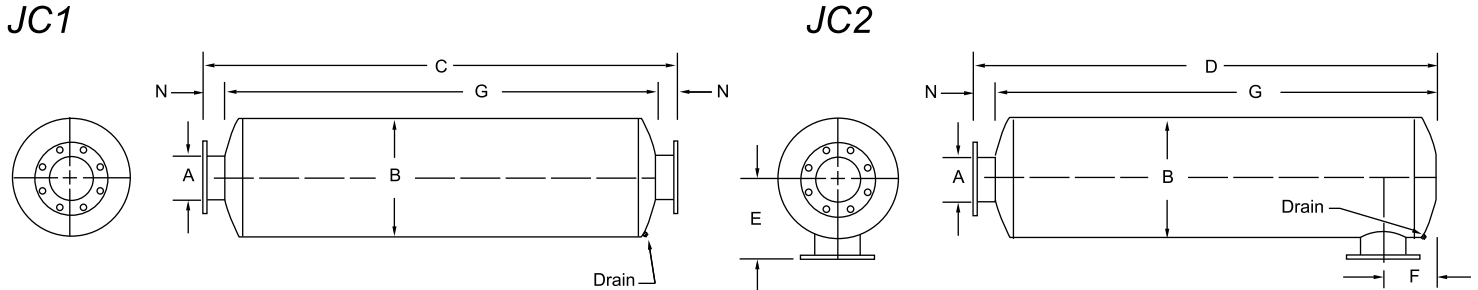


Inlet and Discharge Silencers

Chamber/Non-Packed Silencer JC1 & JC2 Series



The BelMar JC series is a two chamber reactive (no packing) silencer designed for positive displacement blowers. This series provides premium grade silencing when used on applications below transition speeds (refer to bulletin# BMBB-T1, Table A). Pulsation control is an inherent feature due to the products acoustic design requirements and therefore, if sized properly, provides optimum pressure drop and flow velocity. See Table D for typical capacity and velocity references. Performance data & additional configuration are shown on the JC4 catalog page.

The standard carbon steel construction includes a rigid and robust double wrap wall along the entire length of the silencer body. This feature provides an optimum amount of reduction of shell radiated noise, an increased ability to withstand blower pulsation and an economical way to aid with efforts to design against common shipping and handling damages.

The silencer connection that includes an internally perforated nozzle extension should always be connected as close as possible to the blower connection.

A	B	C JC1	G	N	E JC2	F JC2 (min/max)	D JC2	WT
1	4.5	21	17	2	N/A	N/A	N/A	10
1.5	6	24	20	2	N/A	N/A	N/A	15
2	8	33	24	3	7	6	30	24
2.5	10	34	24	3.38	8	7	31	34
3	10	46	36	3.12	8	7	43	45
4	14	53	42	3.38	10	6/22	50	70
5	16	65	53	3.75	11	6.50/29	53	140
6	18	72	60	3.25	12	8/32	69	185
8	22	97	84	3.38	14.50	9/48	94	400
10	26	122	107	4.62	16.50	11/63.5	119.50	560
12	30	135	128	3.50	18.50	12.50/69	131.50	810
14	36	161	154	3.50	21.50	14.50/81	157.50	1260
16	42	181	174	3.50	24.50	16.50/92.5	177.50	1610
18	48	188	181	3.50	27.50	18.50/98	184.50	2310
20	48	202	193	4.50	28.50	19.50/103	197.50	2510
22	54	204	195	4.50	31.50	21.50/103	199.50	2960
24	54	239	230	4.50	31.50	22.50/126	234.50	3460

- 1 inch to 5 inch connection sizes are standard with MNPT, 6 inch and up are 150 # ANSI drilled plate flanges
- 4 inch and 5 inch are optional with MNPT or plate flanges
- Dimensions are in inches, weights in pounds
- All products optional in stainless steel grades, ASME code and various other construction features