

Multi-Coolant Baffles

Flangeless Baffles

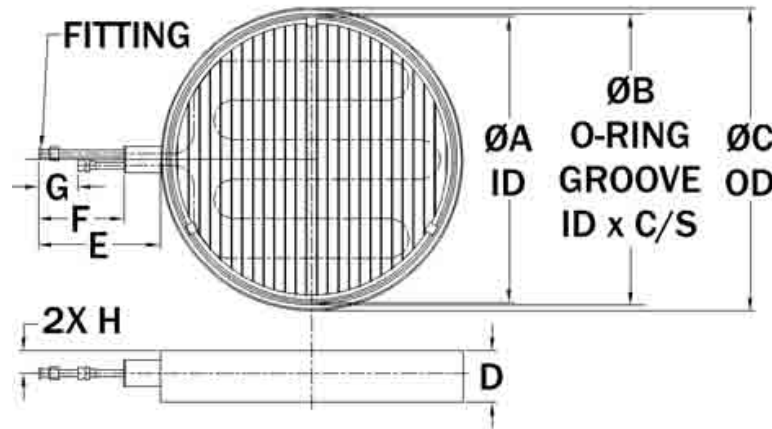
Flangeless baffles are made to be sandwiched between two other components which have flanges. Often they are positioned between an angle valve and a diffusion pump.



FEATURES:

- Body construction: 304 stainless steel with copper chevrons
- Surface: glass bead-blast finish exterior and interior
- Opening sizes: 6.0 - 35 inches and larger per customer request
- Viton o-rings seals
- Leak rate: $<1.0 \times 10^{-9}$ std cc/sec He, vacuum rating: 1×10^{-8} Torr (1.3×10^{-7} mbar)
- O-ring groove on one side.

[Technical Data](#)



Multi-Coolant Baffle - Ringless Type

Ring Type	Baffle Dimensions - Inches (mm)								Apx
Model	Opening ID A	O-ring Groove ID B x C/S	OD C	D	E	F	G	H	Wt.(lb)
MCB-6D*	7.50 [190.5]	8.00 [203.2] x 1/8	8.50 [215.9]	2.82 [71.5]	7.75 [196.9]	5.00 [127.0]	3.00 [76.2]	1.40 [35.4]	30
MCB-8	8.00 [203.2]	8.15 [207.0] x 1/8	8.63 [219.1]	2.63 [66.7]	7.69 [195.3]	5.00 [127.0]	3.00 [76.2]	1.30 [32.9]	30
MCB-12	12.25 [311.2]	12.50 [317.5] x 3/16	13.25 [336.6]	2.88 [73.0]	6.62 [168.3]	5.00 [127.0]	2.60 [66.0]	1.42 [36.1]	50
MCB-16D*	18.00 [457.2]	18.31 [465.2] x 1/4	19.63 [498.6]	4.00 [101.6]	10.97 [278.6]	8.38 [212.8]	3.00 [76.2]	1.75 [44.3]	92
MCB-20D*	21.75 [552.5]	22.12 [561.9] x 1/4	23.00 [584.2]	3.94 [100.1]	9.25 [235.0]	6.5 [165.1]	3.00 [76.2]	1.75 [44.3]	90
MCB-24	24.00 [609.6]	25.06 [636.5] x 1/4	26.00 [660.4]	3.94 [100.1]	9.25 [235.0]	6.25 [158.8]	2.75 [69.9]	1.75 [44.3]	150
MCB-32	32.50 [825.5]	32.81 [833.5] x 1/4	33.75 [827.3]	5.25 [133.4]	8.50 [215.9]	6.50 [165.1]	2.00 [50.8]	2.38 [60.3]	175
MCB-35	35.50 [901.7]	35.81 [909.6] x 1/4	36.75 [933.5]	5.25 [133.4]	10.00 [254.0]	7.00 [177.8]	3.00 [76.2]	2.38 [60.3]	310

[Fitting Types](#)

*The "D" means the baffle is oversized to fit a diffusion pump.