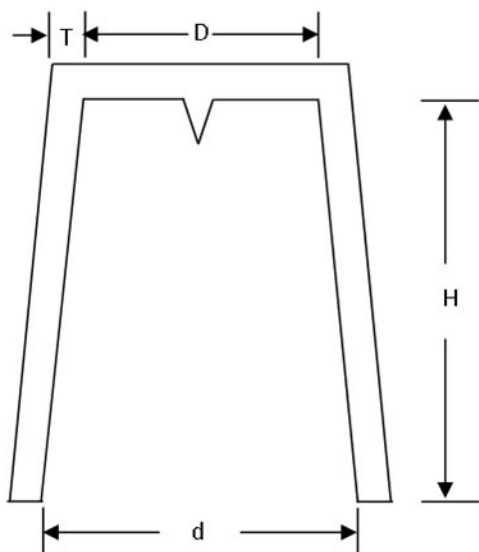


Ram UP Sleeves



Sleeve Dimensions (in)				
Ram Up	d	D	H	T
1.5x2.25	1.50	1.19	2.25	0.38
2x3	2.00	1.56	3.00	0.38
2.5x3.75	2.50	1.97	3.75	0.44
3x4.5	3.00	2.38	4.50	0.44
3.5x5.25	3.50	2.78	5.25	0.44
4x6	4.00	3.16	6.00	0.44
4x8	4.00	3.47	8.00	0.44
5x7.5	5.00	4.31	7.5	0.56
6x9	6.00	5.34	9.00	0.56

Thermotec Ram Up Sleeve Moduli					
Volume (in ³)	Sand Modulus	Type J, LD & CF64	Type EX, ES, CF38X	Type EXR, ESXP & CF54X	Type HHB, ESPX & CF75X
3.21	0.30	0.46	0.48	0.53	0.57
7.50	0.40	0.61	0.64	0.70	0.76
14.78	0.50	0.76	0.80	0.88	0.95
25.69	0.60	0.91	0.97	1.03	1.09
40.83	0.70	1.07	1.08	1.20	1.33
60.67	0.80	1.22	1.27	1.34	1.41
87.80	0.85	1.29	1.34	1.42	1.49
127.87	1.03	1.47	1.53	1.67	1.82
227.50	1.24	1.66	1.92	1.98	2.13

Dimensions above are for industry standard blind risers. Thickness dimensions are +/- 1/16".