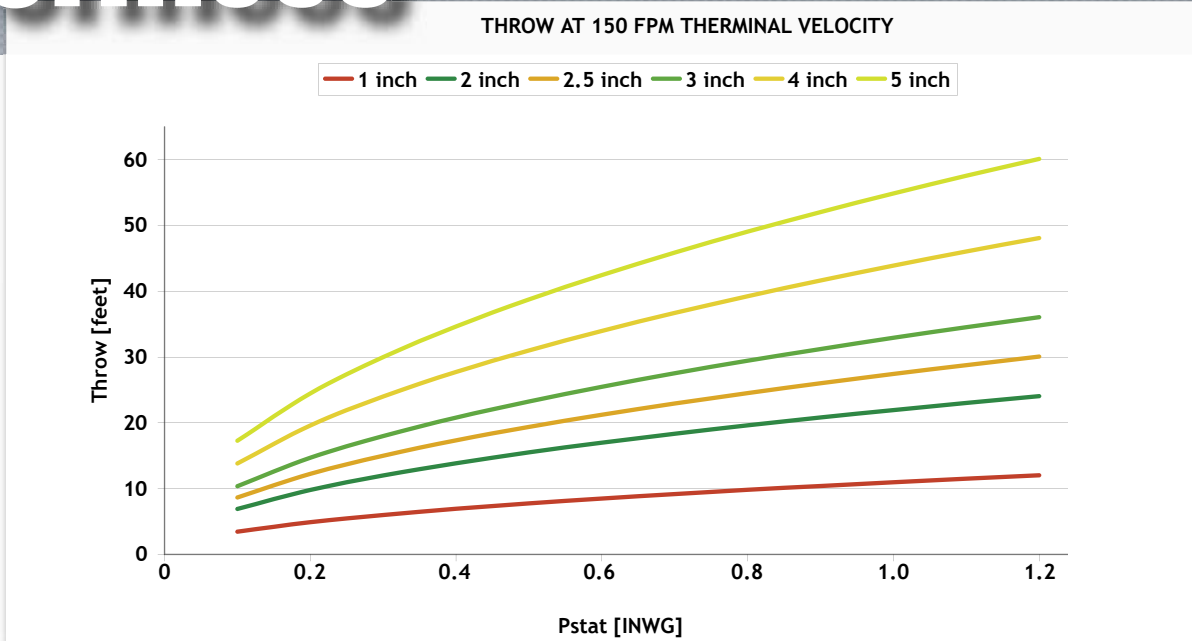


Throw data Orifices



Throw data for non permeable ducts shown at 150 fpm isothermal terminal velocity with various orifice sizes.



THROW AT 150 FPM

Pstat [INWG]	Orifice diameter [inch]					
	1.0	2.0	2.5	3.0	4.0	5.0
0.1	3	7	9	10	14	17
0.2	5	10	12	15	20	24
0.3	6	12	15	18	24	30
0.4	7	14	17	21	28	35
0.5	8	16	19	23	31	39
0.6	8	17	21	25	34	42
0.7	9	18	23	28	37	46
0.8	10	20	25	29	39	49
0.9	10	21	26	31	42	52
1.0	11	22	27	33	44	55
1.1	12	23	29	35	46	58
1.2	12	24	30	36	48	60

THROW AT 100 FPM

Pstat [INWG]	Orifice diameter [inch]					
	1.0	2.0	2.5	3.0	4.0	5.0
0.1	8	16	19	23	31	39
0.2	11	22	28	33	44	55
0.3	14	27	34	41	54	68
0.4	16	31	39	47	62	78
0.5	17	35	44	52	70	87
0.6	19	38	48	57	76	96
0.7	21	41	52	62	83	103
0.8	22	44	55	66	88	110
0.9	23	47	59	70	94	117
1.0	25	49	62	74	99	123
1.1	26	52	65	78	104	130
1.2	27	54	68	81	108	135



THROW AT 150 FPM

Pstat [INWG]	Orifice diameter [inch]					
	0.1	0.2	0.3	0.4	0.5	0.6
0.1	1	1	1	1	2	2
0.2	1	1	2	2	2	3
0.3	1	1	2	2	3	3
0.4	1	2	2	3	3	4
0.5	1	2	2	3	4	4
0.6	1	2	3	3	4	5
0.7	1	2	3	4	4	5
0.8	2	2	3	4	5	5
0.9	2	2	3	4	5	6
1.0	2	3	3	4	5	6
1.1	2	3	4	4	5	6
1.2	2	3	4	5	6	6

THROW AT 100 FPM

Pstat [INWG]	Orifice diameter [inch]					
	0.1	0.2	0.3	0.4	0.5	0.6
0.1	1	2	2	3	4	4
0.2	2	3	3	4	5	6
0.3	2	3	4	5	6	7
0.4	2	4	5	6	7	8
0.5	3	4	5	7	8	9
0.6	3	4	6	7	9	10
0.7	3	5	6	8	10	11
0.8	3	5	7	8	10	12
0.9	4	5	7	9	11	13
1.0	4	6	8	10	11	13
1.1	4	6	8	10	12	14
1.2	4	6	8	10	13	15

THROW AT 50 FPM

Pstat [INWG]	Orifice diameter [inch]					
	0.1	0.2	0.3	0.4	0.5	0.6
0.1	5	7	10	12	14	17
0.2	7	10	14	17	20	24
0.3	8	12	17	21	25	29
0.4	10	14	19	24	29	34
0.5	11	16	21	27	32	38
0.6	12	18	24	29	35	41
0.7	13	19	25	32	38	44
0.8	14	20	27	34	41	48
0.9	14	22	29	36	43	50
1.0	15	23	30	38	46	53
1.1	16	24	32	40	48	56
1.2	17	25	33	42	50	58