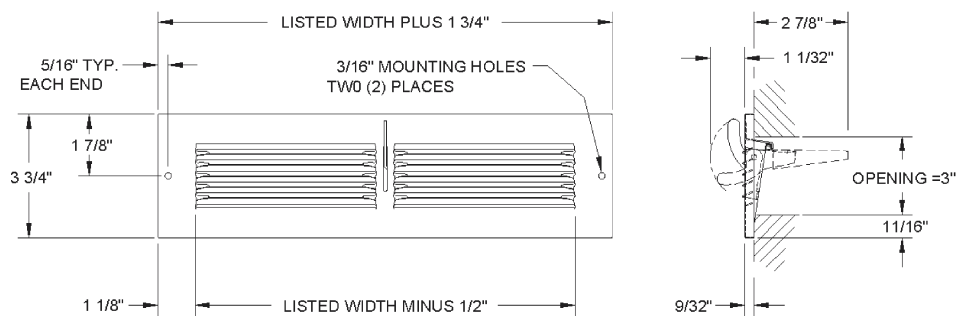




51 SERIES TOE SPACE REGISTERS

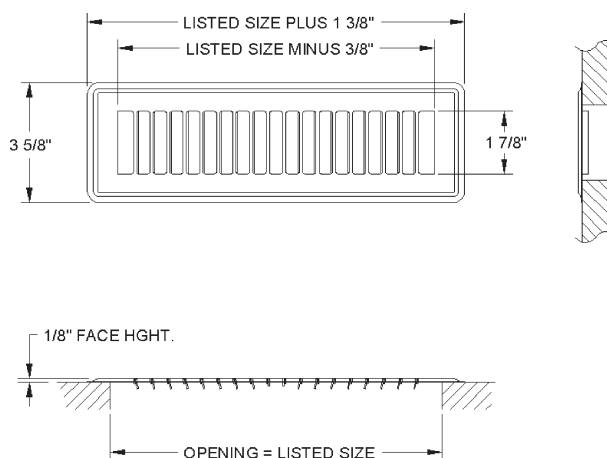
UNIT SIZE	OVERALL SIZE	FACE VELOCITY	300	400	500	600	700	800	900	1000
		PRESSURE LOSS	.006	.010	.016	.022	.031	.040	.050	.062
10x3 Ak .17	11 3/4 x 3 3/4	Cfm	30	40	51	61	71	81	91	101
		Throw	5	6.5	8	9.5	11	12.5	17	17
12x3 Ak .12	13 3/4 x 3 3/4	Cfm	37	49	62	74	86	98	111	123
		Throw	4.5	5.5	7	8.5	10	11.5	13	16
14x3 Ak .15	15 3/4 x 3 3/4	Cfm	44	58	73	88	102	117	131	146
		Throw	4	5.5	7	8.5	9.5	11	12	15

Terminal Velocity of 75 fpm

Always specify width by height

TG32 TOE SPACE GRILLES

Steel Construction
Rolled Face
Mounting Holes
Golden Brown or White Finish



Engineer's specs on page 4

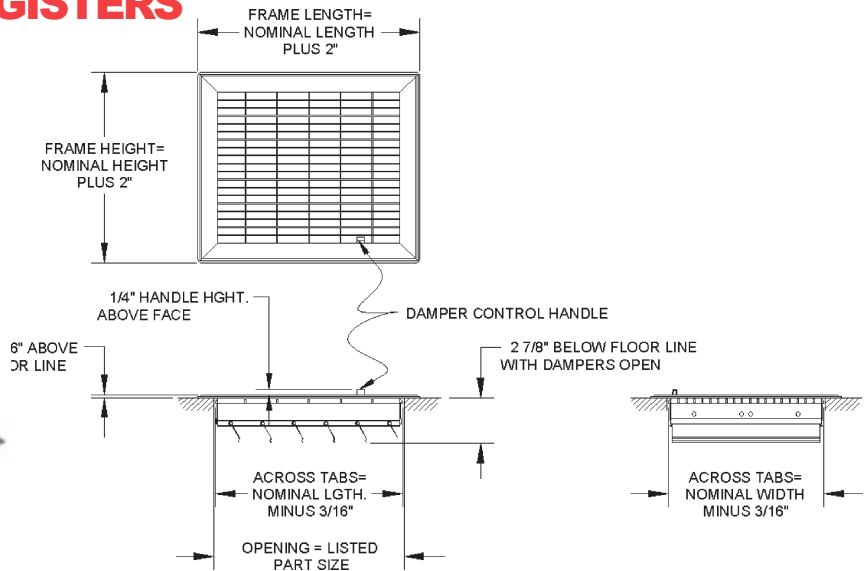
TG32 SERIES TOE SPACE GRILLES

UNIT SIZE	OVERALL SIZE	FACE VELOCITY PRESSURE LOSS	300	400	500	600	700	800	900	1000
2 1/4 x 10 Ak .097	3 5/8 x 11 3/8	Cfm	.29	.38	.48	.58	.68	.77	.87	.97
		Throw	2	3	3.5	4	4.5	5	6	6.5
		Spread	3.5	4.5	5	6.5	7.5	8.5	10	11
2 1/4 x 12 Ak .118	3 5/8 x 13 3/8	Cfm	35	47	59	70	82	94	106	118
		Throw	2	3	3.5	4	4.5	5.5	6	7
		Spread	3.5	5	5	7	8	10	11	12
2 1/4 x 14 Ak .132	3 5/8 x 15 3/8	Cfm	39	52	65	79	92	105	118	131
		Throw	2.5	3	3.5	4.5	5	6	6.5	7.5
		Spread	3.5	4.5	6	7	8.5	10	11.5	12.5
4 x 10 Ak .174	5 3/8 x 11 3/8	Cfm	52	69	86	104	121	138	156	173
		Throw	2.5	3	4	4.5	5.5	6.5	7	8
		Spread	4	4.5	6.5	8.5	9.5	11	12.5	14
4 x 12 Ak .208	5 3/8 x 13 3/8	Cfm	62	83	104	124	145	166	187	208
		Throw	2.5	3.5	4	5.5	6	7	8	8.5
		Spread	4	6	7.5	9	10.5	12	13.5	15.5
4 x 14 Ak .243	5 3/8 x 15 3/8	Cfm	72	97	121	145	170	194	218	243
		Throw	3	4	5	6	7	7.5	8.5	9.5
		Spread	4.5	6.5	8.5	9.5	11.5	13	14	16.5

Terminal Velocity of 50 fpm Always specify width by height

F20 BAR-FACED REGISTERS

Steel Construction
Bar-Faced
Extremely Rigid
Firm, Smooth Surface
Free Area Averages Over 74%
Toe Operated, Valve Control
Golden Brown Finish



F20 SERIES BAR FACED REGISTERS

UNIT SIZE	OVERALL SIZE	FACE VELOCITY PRESSURE LOSS	300	400	500	600	700	800	900	1000
4x8 Ak .160	6 x 10	Cfm	48	64	80	96	112	128	144	160
		Throw	5	7	9	11	12	14	16	17
4x10 Ak .201	6 x 12	Cfm	60	80	100	121	141	161	181	201
		Throw	8	11	13	16	19	22	24	26
4x12 Ak .243	6 x 14	Cfm	73	97	122	146	170	194	219	243
		Throw	9	12	15	18	21	25	28	31
6x6 Ak .181	8 x 8	Cfm	54	72	91	109	127	145	163	181
		Throw	6	8	10	12	14	15	16	17
6x8 Ak .250	8 x 10	Cfm	75	100	125	150	175	200	225	250
		Throw	9	12	15	18	21	25	28	31

Engineer's specs continued on page 5