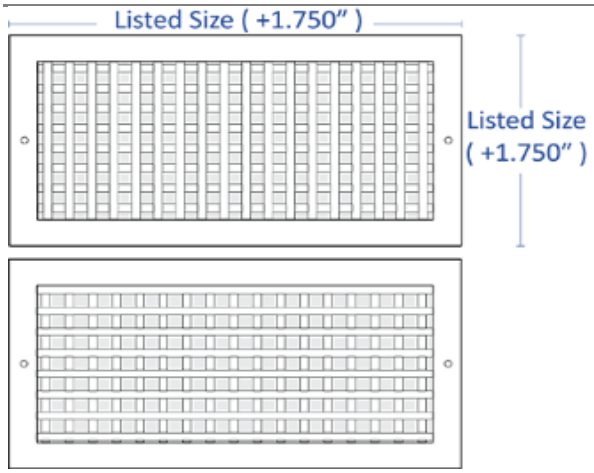
Submittal and Drawing: Model 220

Submitted by: _____

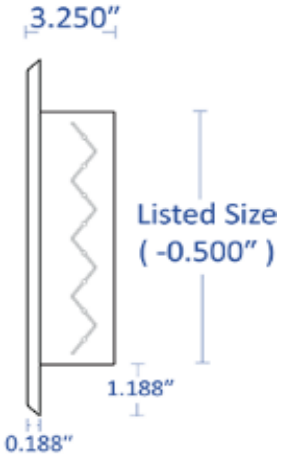
Date: _____

Bar Type Supply | Side wall / Ceiling | **Model:**



Available Options

- ☐ Aluminum front
- ☐ Steel front
- ☐ Opposed Blade Damper
- ☐ Horizontal front bars
- ☐ Vertical front bars



Model Features

Double deflection adjustable bars
One piece frame (up to 14" x 10")
Durable white powder coat finish

Material: Steel or Aluminum

Face: Adjustable Bar Type

Model Size: [ ]

Project Name: _____ Architect: _____

Project Location: _____ Engineer: _____

Contractor: _____

T.A. Industries, Inc. 11335 Greenstone Ave
Santa Fe Springs, CA 90670

Tel. 562-466-1000
Fax. 562-466-1010

truaire.com
mytruairehome.com

TRUaire REGISTERS & GRILLES

Performance Data

220 Bar Type Supply Double Deflection

Face Jet Velocity			400	500	600	700	800	1000	1200	1400
Total Pressure Loss			0.011	0.017	0.024	0.034	0.044	0.055	0.068	0.10
Size	Free Area									
8x4	**22**	**CFM**	**67**	**90**	**106**	**123**	**140**	**168**	**207**	**246**
		Throw	6	8	10	12	13	17	20	24
8X6	**35**	**CFM**	**106**	**134**	**162**	**190**	**213**	**269**	**325**	**375**
		Throw	8	10	12	15	17	18	22	29
8x8	**42**	**CFM**	**202**	**252**	**302**	**347**	**398**	**498**	**599**	**700**
		Throw	11	15	18	20	24	30	35	43
10x4	**28**	**CFM**	**90**	**112**	**134**	**157**	**179**	**224**	**269**	**314**
		Throw	20	25	30	30	30	35	35	40
10x6	**45**	**CFM**	**140**	**174**	**213**	**246**	**280**	**353**	**420**	**493**
		Throw	9	12	15	17	20	25	30	35
10x10	**68**	**CFM**	**234**	**292**	**348**	**411**	**466**	**579**	**698**	**811**
		Throw	20	25	30	30	30	35	35	40
12x4	**34**	**CFM**	**106**	**134**	**162**	**190**	**213**	**269**	325	375
		Throw	8	10	12	15	17	18	22	29
12x6	**54**	**CFM**	**168**	**213**	**213**	**297**	**342**	**426**	**510**	**594**
		Throw	20	25	30	30	30	35	35	40
12x8	**62**	**CFM**	**230**	**286**	**342**	**403**	**459**	**571**	689	801
		Throw	11	15	18	21	24	30	37	43
14x4	**43**	**CFM**	**136**	**170**	**209**	**240**	**274**	**345**	**411**	**480**
		Throw	8	11	14	16	19	24	29	34
14x6	**64**	**CFM**	**202**	**252**	**302**	**347**	**398**	**498**	**599**	**700**
		Throw	11	15	18	20	24	30	35	43
14x8	**85**	**CFM**	**269**	**330**	**398**	**465**	**526**	**661**	**795**	**924**
		Throw	20	25	30	35	35	40	40	40
16x4	**52**	**CFM**	**150**	**185**	**225**	**270**	**305**	**400**	**485**	**555**
		Throw	10	12	15	17	20	25	30	35
16x6	**73**	**CFM**	**230**	**286**	**342**	**403**	**459**	**571**	**689**	**801**
		Throw	11	15	18	21	24	30	37	43
16x8	**95**	**CFM**	**297**	**370**	**448**	**515**	**588**	**739**	885	1036
		Throw	20	25	30	35	35	40	40	45
18x4	**57**	**CFM**	**170**	**210**	**250**	**295**	**335**	**420**	505	585
		Throw	11	13	16	18	21	26	32	37
18x6	**98**	**CFM**	**285**	**361**	**422**	**488**	**554**	**705**	857	1002
		Throw	20	24	29	34	34	39	39	44
20x4	**63**	**CFM**	**190**	**245**	**295**	**350**	**400**	**505**	**610**	**715**
		Throw	12	15	18	21	23	29	35	41
20x6	**104**	**CFM**	**291**	**364**	**431**	**504**	**577**	**722**	**868**	**1014**
		Throw	13	18	21	24	28	32	40	45
20x8	**126**	**CFM**	**398**	**493**	**594**	**689**	**790**	**986**	**1187**	**1383**
		Throw	17	20	24	28	32	36	43	47
20x10	**156**	**CFM**	**489**	**606**	**730**	**847**	**971**	**1216**	**1460**	**1701**
		Throw	24	28	32	34	36	41	47	49
24x4	**75**	**CFM**	**235**	**295**	**360**	**425**	**485**	**615**	**740**	**870**
		Throw	13	16	19	22	25	31	38	44
24x8	**151**	**CFM**	**467**	**587**	**702**	**817**	**933**	**1168**	**1410**	**1641**
		Throw	23	27	32	33	35	40	45	48
24x10	**189**	**CFM**	**530**	**660**	**790**	**925**	**1055**	**1320**	**1585**	**1845**
		Throw	19	23	28	33	37	42	56	65
24x12	**227**	**CFM**	**653**	**970**	**990**	**1112**	**1268**	**1589**	**1912**	**2232**

		Throw	20	25	31	36	41	51	60	71
30x04	**98**	**CFM**	**345**	**445**	**540**	**635**	**735**	**925**	**1120**	**1315**
		Throw	14	18	22	26	30	38	46	54
30x8	**188**	**CFM**	**525**	**655**	**785**	**915**	**1050**	**1310**	**1570**	**1835**
		Throw	24	28	32	34	36	41	47	49
30x10	**237**	**CFM**	**660**	**825**	**990**	**1160**	**1325**	**1650**	**1985**	**2310**
		Throw	21	26	31	37	42	52	63	73

Velocity: The actual velocity of the air through the vanes measured with a velometer or similar device.

Throw : The throws noted in the tables are the distance from the register to where the air stream has velocity has dropped to not under 75 F.P.M.