TRUaire REGISTERS & GRILLES

Performance Data

210 Bar Type Supply Single Deflection

Face Jet Velocity			400	500	600	700	800	1000	1200	1400	1800	2000
Total Pressure Loss			.010	.016	.022	.031	.040	.062	.090	.122	.202	.249
Size	Free Area											
6x6	**25**	**CFM**	**71**	**90**	**108**	**126**	**144**	**179**	**214**	**249**	**319**	**353**
		Throw	7	9	11	12	14	17	20	24	29	34
		NC	30	30	30	30	35	35	35	40	40	45
8x4	**22**	**CFM**	**60**	**80**	**95**	**110**	**125**	**155**	**185**	**220**	**280**	**310**
		Throw	7	9	10	12	13	16	19	23	29	33
		NC	30	30	30	30	35	35	35	40	40	45
10x4	**28**	**CFM**	**80**	**100**	**120**	**140**	**160**	**200**	**240**	**275**	**355**	**395**
		Throw	8	10	12	13	15	19	22	26	29	37
		NC	30	30	30	30	35	35	35	40	40	45
10x6	**45**	**CFM**	**125**	**155**	**185**	**215**	**250**	**310**	**370**	**435**	**560**	**620**
		Throw	9	12	14	16	19	23	28	33	42	46
		NC	30	30	30	30	35	35	35	40	40	45
10x8	**61**	**CFM**	**171**	**214**	**257**	**295**	**337**	**423**	**508**	**594**	**765**	**846**
		Throw	10	13	17	18	21	28	31	36	47	52
		NC	30	30	30	30	35	35	35	40	45	45
12x4	**34**	**CFM**	**95**	**120**	**145**	**170**	**190**	**240**	**290**	**325**	**430**	**480**
		Throw	8	10	12	14	16	20	25	28	36	41
		NC	30	30	30	30	35	35	35	40	40	45
12x6	**54**	**CFM**	**150**	**190**	**225**	**265**	**305**	**380**	**455**	**430**	**680**	**760**
		Throw	10	13	15	18	21	26	31	36	46	51
		NC	30	30	30	30	35	35	35	40	40	45
12x8	**73**	**CFM**	**205**	**255**	**305**	**360**	**410**	**510**	**615**	**715**	**920**	**1025**
		Throw	11	15	18	21	24	30	34	39	50	56
		NC	30	30	30	30	35	35	35	40	45	45
12x10	**104**	**CFM**	**260**	**325**	**385**	**450**	**515**	**645**	**775**	**905**	**1160**	**1290**
		Throw	13	18	21	24	28	33	43	47	60	67
		NC	30	30	30	30	35	35	35	40	40	45
12x12	**120**	**CFM**	**310**	**385**	**465**	**540**	**615**	**770**	**925**	**1080**	**1380**	**1540**
		Throw	15	19	23	26	30	38	45	53	68	75
		NC	30	30	30	30	35	35	35	40	45	45
14x4	**43**	**CFM**	**115**	**140**	**170**	**195**	**225**	**280**	**340**	**395**	**510**	**565**
		Throw	9	11	13	15	19	22	27	32	40	44
		NC	30	30	30	30	35	35	35	40	40	45
14x6	**64**	**CFM**	**180**	**225**	**270**	**310**	**355**	**445**	**535**	**625**	**805**	**890**
		Throw	11	14	18	19	22	29	33	39	50	55
		NC	30	30	30	30	35	35	35	40	45	45
14x8	**75**	**CFM**	**212**	**258**	**313**	**368**	**419**	**520**	**626**	**731**	**938**	**1049**
		Throw	11	14	18	20	23	29	33	39	50	55
		NC	30	30	30	30	35	35	35	40	45	45
14x12	**139**	**CFM**	**360**	**447**	**539**	**626**	**713**	**893**	**1073**	**1253**	**1601**	**1786**
		Throw	16	20	22	27	31	38	46	54	69	77
		NC	30	30	30	30	35	35	35	40	45	45
14x14	**155**	**CFM**	**430**	**535**	**640**	**745**	**855**	**1070**	**1280**	**1490**	**1920**	**2130**
		Throw	17	21	23	30	34	43	51	60	77	85
		NC	30	30	30	30	35	35	35	40	45	45
16x6	**73**	**CFM**	**205**	**255**	**305**	**360**	**410**	**510**	**615**	**715**	**920**	**1025**
		Throw	11	15	18	21	24	30	34	39	50	56
		NC	30	30	30	30	35	35	35	40	45	45

TRUaire REGISTERS & GRILLES™

Performance Data

16x8	**81**	**CFM**	**230**	**280**	**340**	**400**	**455**	**565**	**680**	**795**	**1020**	**1140**
		Throw	11	15	18	21	24	30	34	39	50	56
		NC	30	30	30	30	35	35	35	40	45	45
16x16	**208**	**CFM**	**567**	**709**	**851**	**992**	**1134**	**1418**	**1701**	**1985**	**2552**	**2835**
		Throw	19	23	27	32	35	45	56	65	85	93
		NC	30	30	30	30	35	35	35	40	45	45
18x6	**98**	**CFM**	**250**	**310**	**380**	**440**	**500**	**630**	**755**	**895**	**1120**	**1250**
		Throw	12	16	20	22	25	31	40	46	58	65
		NC	30	30	30	30	35	35	35	40	45	45
18x18	**255**	**CFM**	**713**	**891**	**1069**	**1253**	**1431**	**1787**	**2155**	**2500**	**3213**	**3575**
		Throw	21	26	31	37	42	52	63	73	94	104
		NC	30	30	30	30	35	35	40	40	45	45
20x6	**104**	**CFM**	**260**	**325**	**385**	**450**	**515**	**645**	**775**	**905**	**1160**	**1290**
		Throw	13	18	21	24	28	33	43	47	60	67
		NC	30	30	30	30	35	35	35	40	45	45
20x8	**126**	**CFM**	**335**	**440**	**530**	**615**	**705**	**880**	**1080**	**1236**	**1590**	**1780**
		Throw	17	20	24	28	32	39	47	55	70	78
		NC	30	30	30	30	35	35	35	40	45	45
24x6	**120**	**CFM**	**310**	**390**	**465**	**545**	**620**	**775**	**930**	**1090**	**1400**	**1555**
		Throw	15	18	22	26	29	37	44	51	66	73
		NC	30	30	30	30	35	35	35	40	45	45
24x8	**151**	**CFM**	**425**	**530**	**635**	**740**	**850**	**1060**	**1270**	**1485**	**1910**	**2120**
		Throw	17	21	23	30	34	43	51	60	77	85
		NC	30	30	30	30	35	35	35	40	45	45
24x10	**189**	**CFM**	**540**	**675**	**810**	**945**	**1080**	**1350**	**1620**	**1890**	**2430**	**2700**
		Throw	19	24	29	34	39	48	58	68	87	97
		NC	30	30	30	30	35	35	35	40	45	45
24x12	**227**	**CFM**	**655**	**820**	**985**	**1150**	**1310**	**1640**	**1970**	**2295**	**2950**	**3280**
		Throw	21	27	32	38	43	53	64	75	96	107
		NC	30	30	30	30	35	35	40	40	45	45
30x6	**140**	**CFM**	**390**	**490**	**585**	**685**	**780**	**975**	**1170**	**1385**	**1755**	**1950**
		Throw	16	21	25	29	33	41	49	57	74	82
		NC	30	30	30	30	35	35	35	40	45	45
30x8	**188**	**CFM**	**535**	**670**	**805**	**940**	**1070**	**1340**	**1610**	**1875**	**2410**	**2680**
		Throw	19	24	29	34	38	48	58	67	87	96
		NC	30	30	30	30	35	35	35	40	45	45
30x10	**237**	**CFM**	**675**	**845**	**1015**	**1185**	**1350**	**1690**	**2030**	**2385**	**3040**	**3380**
		Throw	21	27	32	38	43	54	65	75	97	108
		NC	30	30	30	30	35	35	40	40	45	45
30x12	**284**	**CFM**	**810**	**1014**	**1218**	**1422**	**1620**	**2028**	**2436**	**2862**	**3648**	**4056**
		Throw	22	28	33	39	44	55	66	76	98	109
		NC	30	30	30	35	35	35	40	40	45	45

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.