



Quality Registers, Grilles and Diffusers Since 1947

Engineering Data

375 Series																								
Size	Velocity		300	400	500	600	700	800	900	1000														
	Duct Pt		0.007	0.011	0.017	0.024	0.034	0.044	0.055	0.068														
2 1/4 x10	Eff.Area .091ft ²	CFM	29		39		48		57		66		75		84		94							
		NC	<20		<20		20		25		25		25		30		35							
		Spread	2.5		3		4		5		5.5		6		7		8							
		Throw	1.5	2	3	2	2.5	3.8	3	3.5	5	3	4	5.5	3.5	5	6.5	4	5.5	7.5	4.5	6	8.5	5
2 1/4 x12	Eff.Area .111 ft ²	CFM	36		46		56		66		77		87		97		108							
		NC	<20		<20		20		25		25		25		30		35							
		Spread	3		3.5		4.5		5.5		6		7		8		9							
		Throw	2	2.5	3.5	2.5	3	4.5	3	4	5.5	3.5	5	7	4	5.5	7.5	4.5	6.5	9	5	7	10.5	5.5
2 1/4 x14	Eff.Area .125 ft ²	CFM	41		53		65		77		90		103		115		128							
		NC	<20		<20		20		25		25		25		30		35							
		Spread	3		4		5		5.5		6.5		7.5		8		9							
		Throw	2	2.5	4	2.5	3.5	5	3	4.5	6.5	4	5.5	7.5	4.5	6.5	9	5	7	10	6	8	11.5	6.5
4x10	Eff.Area .180 ft ²	CFM	52		68		85		100		118		135		150		166							
		NC	<20		<20		20		25		25		30		30		35							
		Spread	3		4		5		6		7		8		10		11							
		Throw	3.5	4	4.5	5	5.5	6	6.5	7.5	8.5	7	8.5	9.5	8.5	10.5	12	9.5	11.5	13	10	12.5	15	11
4x12	Eff.Area .212 ft ²	CFM	66		86		107		127		143		164		184		210							
		NC	<20		<20		20		25		25		30		30		35							
		Spread	3.5		5		6		7		8		9		10		12							
		Throw	4.5	5	5.5	5.5	6.5	7	7	8.5	9.5	7.5	9	10.5	9.5	11	12.5	11	13.5	15.5	11.5	14.5	17.5	12.5
4x14	Eff.Area .251 ft ²	CFM	74		95		119		141		163		190		220		245							
		NC	<20		<20		20		25		25		30		30		35							
		Spread	4		5		6		7		9		10		11		12							
		Throw	4.5	5.5	6.5	6	7	8	7	8	9	8.5	10.5	12	10	11.5	13.5	11.5	13.5	16	12.5	15	18	13.5

104 N Montgomery Ave.
Cle Elum, WA 98922
USA

www.shoemakermfg.com

toll free: (866) 940-0696
local: (509) 674-4414
fax: (509) 674-4420
email: sm@shoemakermfg.com



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	Duct Pt		0.007	0.011	0.017	0.024	0.034	0.044	0.055	0.068														
6x10	Eff.Area .265 ft ²	CFM	82	112	138	163	194	219	250	275														
		NC	<20	<20	20	25	30	30	30	35														
		Spread	5	7	9	10.5	12	14	15	17														
		Throw	4.5	5	5.5	6.5	7	7.5	7.5	8.5	9.5	8.5	10	11.5	10	12	14	11.5	13.5	15.5	12	15	18	13.5
6x12	Eff.Area .325 ft ²	CFM	102	133	168	204	235	270	301	337														
		NC	<20	<20	20	25	30	30	30	35														
		Spread	6	8	9	11	13	15	17	19														
		Throw	5	5.5	6	6.5	7	7.5	8	9	10	9.5	11	12.5	11	13	15	13	15	17	13	17	20	15
6x14	Eff.Area .391 ft ²	CFM	117	158	199	240	281	316	357	398														
		NC	<20	<20	20	25	30	30	30	35														
		Spread	6	8	11	13	15	17	18	21														
		Throw	5.5	6	6.5	7	8	9	9	10	11	10	12	14	12.5	14.5	17	14.5	17	20	15	19	22	17

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