



# Corner Tap Substantiation Data

Metering Flow... Naturally!

CALIBRATION RESULTS OBTAINED ON UNIVERSAL VENTURI TUBES WITH CORNER TAP						
INLET DIA.	BETA RATIO	CALIBRATION		"C"		DEVIATION %
		WHERE	HOW	ACTUAL	STD.	
6	.4417	B I F	V.T.	.9763	.9762	.01
6	.5248	B I F	V.T.	.9691	.9706	.16
6	.4727	B I F	V.T.	.9725	.9747	.23
6	.4727	B I F	V.T.	.9725	.9747	.23
6	.4725	B I F	V.T.	.9710	.9747	.38
6	.4725	B I F	V.T.	.9710	.9747	.38
6	.5896	B I F	V.T.	.9667	.9614	.55
6	.5781	B I F	V.T.	.9565	.9633	.71
6	.5956	B I F	V.T.	.9689	.9604	.89
8	.3078	ALDEN	W.T.	.9789	.9789	.0
8	.5851	B I F	W.T.	.9627	.9622	.06
8	.4017	B I F	V.T.	.9767	.9776	.09
8	.4018	B I F	V.T.	.9762	.9776	.14
8	.7306	B I F	V.T.	.9242	.9223	.21
8	.5852	B I F	W.T.	.9643	.9621	.22
8	.6007	B I F	V.T.	.9572	.9594	.23
8	.7252	B I F	V.T.	.9222	.9244	.24
8	.5040	B I F	V.T.	.9683	.9725	.44
8	.5023	B I F	V.T.	.9681	.9727	.47
8	.7184	B I F	V.T.	.9320	.9269	.55
8	.5975	B I F	W.T.	.9684	.9600	.87
10	.4394	B I F	W.T.	.9765	.9763	.02
10	.4396	B I F	W.T.	.9775	.9763	.12
10	.5055	B I F	V.T.	.9744	.9724	.20
10	.5731	B I F	V.T.	.9618	.9641	.24
10	.4396	B I F	W.T.	.9739	.9763	.25
10	.5001	B I F	W.T.	.9701	.9728	.28
10	.5769	ALDEN	W.T.	.9589	.9635	.48
10	.4404	B I F	W.T.	.9713	.9763	.51



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INLET DIA.	BETA RATIO	CALIBRATION			"C"		DEVIATION %
		WHERE	HOW	ACTUAL	STD.		
10	.4520	B I F	V.T.	.9809	.9758	.53	
10	.5631	B I F	V.T.	.9743	.9657	.89	
10	.5629	B I F	V.T.	.9749	.9657	.95	
12	.5779	B I F	W.T.	.9628	.9634	.06	
12	.5503	B I F	W.T.	.9666	.9675	.09	
12	.4786	B I F	W.T.	.9755	.9744	.12	
12	.5786	B I F	W.T.	.9619	.9633	.14	
12	.4791	B I F	W.T.	.9765	.9743	.22	
12	.5771	B I F	W.T.	.9657	.9635	.23	
12	.4786	B I F	W.T.	.9768	.9744	.25	
12	.5776	B I F	W.T.	.9660	.9634	.27	
12	.7202	B I F	V.T.	.9228	.9263	.38	
12	.4712	B I F	V.T.	.9702	.9748	.47	
12	.4811	B I F	W.T.	.9664	.9742	.80	
16	.4995	ALDEN	W.T.	.9759	.9729	.31	
16	.5942	B I F	W.T.	.9692	.9606	.89	
16	.4659	ALDEN	W.T.	.9856	.9751	1.08	
20	.5948	ALDEN	W.T.	.9697	.9605	.96	
30	.4432	ALDEN	W.T.	.9808	.9762	.47	

W.T. = WEIGHT TANK  
V.T. = VOLUME TANK  
SUBSTANTIATED ACCURACY +/- 0.75%



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