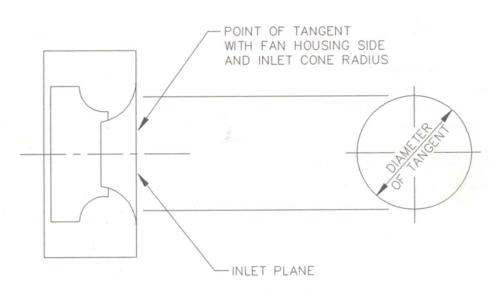


A. FREE INLET AREA PLANE -- FAN WITH INLET COLLAR.



B. FREE INLET AREA PLANE -- FAN WITHOUT INLET COLLAR.

PERCENTAGE OF UNOBSTRUCTED INLET AREA	SYSTEM EFFECT FACTORS
100	NO LOSS
95	0.26
90	0.40
85	0.53
75	0.8
50	1.6
25	2.0

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SYSTEM EFFECT FACTORS FOR INLET OBSTRUCTIONS (Adapted from AMCA 201)

DATE 7 - 89

FIGURE 6-21