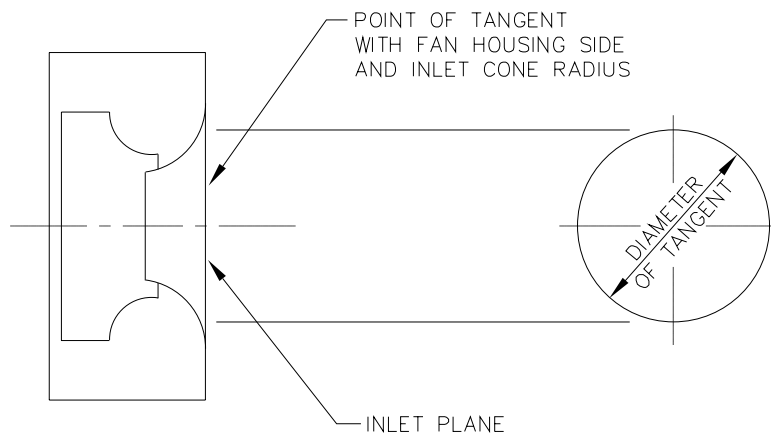


A. FREE INLET AREA PLANE -- FAN WITH INLET COLLAR.



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

DETERMINE SEF BY CALCULATING INLET VELOCITY AND USING FIGURE 6-26

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*SYSTEM EFFECT CURVES  
FOR INLET OBSTRUCTIONS*

DATE

5-92

FIGURE

6-25