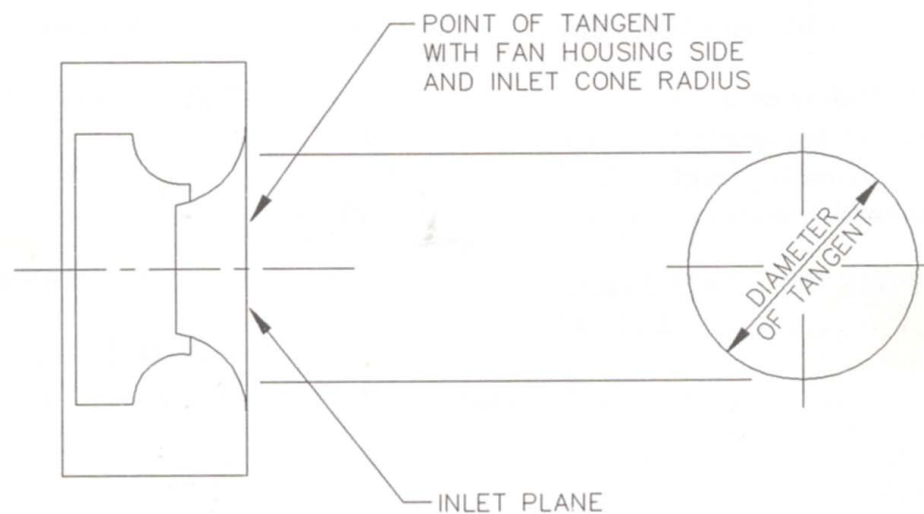


A. FREE INLET AREA PLANE -- FAN WITH INLET COLLAR.



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