

RECOMMENDED SWINE VENTILATION RATES  
(WITH ADEQUATE INSULATION FOR AREA)

	WEIGHT LBS.	VENTILATION CFM		SUMMER
		WINTER MINIMUM	NORMAL	
SOW AND LITTER 0-5 Weeks	2-40	20	100	450
GROWING PIGS	40	3	10	32
	50	4	12	32
	100	5	14	50
	150	6	16	75
	200	7	17	100
	250	7	18	125
SOWS OR BOARS	300-500	10	50	350
HEAT	FARROWING HOUSE 2000-4000 BTU per Sow			
	NURSERY	20-40 lb. pig	150-300 BTU	
		40 lb. pig - up	100-250 BTU	

RECOMMENDED AIR VELOCITIES AT INTAKES

BUILDING WIDTH	MAX FPM	MIN FPM	DIFFERENTIAL PRESSURE
12'-20'	500-700	200-300	.01 - .03
21'-28'	600-800	250-350	.02 - .04
29'-40'	700-900	300-400	.03 - .05
41'-50'	800-1000	400-500	.04 - .06

The above information is a guide only. When designing a ventilation system, there are other factors that many times must be considered, such as, building design, pits, partitions or other obstructions in the building.