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IRRC

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I would like to express my concerns on ventilation of the canine Health Board proposals.

the air movement is 100 cfm of air per dog. we need to consider that a small puppy is counted as a dog.

now let us do the math.

a 24" fan will generate 3,000 cfm of air. if we had 30 breeders we will also need to provide for 30 puppies. this will call for 2 running fans of 24" and the auxiliary ventilation calls for 200 cfm of air per dog, this will call for 4 additional 24" fans. this is now a total of 6-24" fans for every 30 breeders.

this would mean 90 breeders will take 18-24" fans.

180 breeders will take 36 fans

360 breeders will take 72 fans

→ over

510 breeders will take 102 fans 24" each  
34 will need to be running  
and 68 will need to be on stand  
by.

now let us compare this to  
humans pound for pound.

if 510 dogs along with 1 puppy each  
weight was 30 lbs. this is a total  
weight of 15,300 lb.

this now equals to 102 people  
at 150 lb each. (also 15,300 lb)

now just imagine a room with  
102 people with 34 running fans  
24" in diameter, and 68 fans standing  
idle just in case we need them.

this is not acceptable

Phares Horning