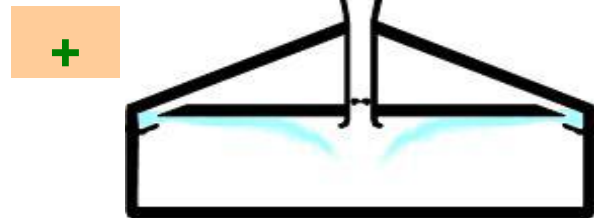


## H25 – Air intake



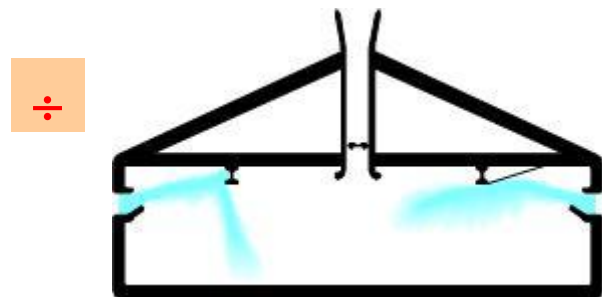
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1. Smoke is used to check air flow



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2. Correct negative pressure and distribution of air



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3. Intake of cold air triggered by obstacles crosswise the air. Can be set right by covering with a board.



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5. Baffle plate on wall

**Check the distribution of air in the facility - is there a correct air intake? Is there a risk of cold air causing draught problems?**

1. Release smoke during the current ventilation. Have your advisor help with this.
2. Does the smoke distribute optimally?
3. Intake of cold air from fittings, beams or other obstacles?
4. Read the negative pressure gauge. Is the negative pressure optimum? Does the smoke stick to the ceiling? Smoke/air must move towards the middle of the facility at a low speed.
5. Baffle plates can be used to stop draught from the house end or section wall.

**Additional comments - Intake of cold air and draught**

5. If the wall inlets are placed less than 0.5 m from the section wall or house end, the air speed increases in the nearest pen. It is an advantage to shut the outer inlet during winter or place a baffle plate on the wall. A baffle plate is a 20 to 30 cm board placed perpendicular on the wall in a height of approx. 1 m.