

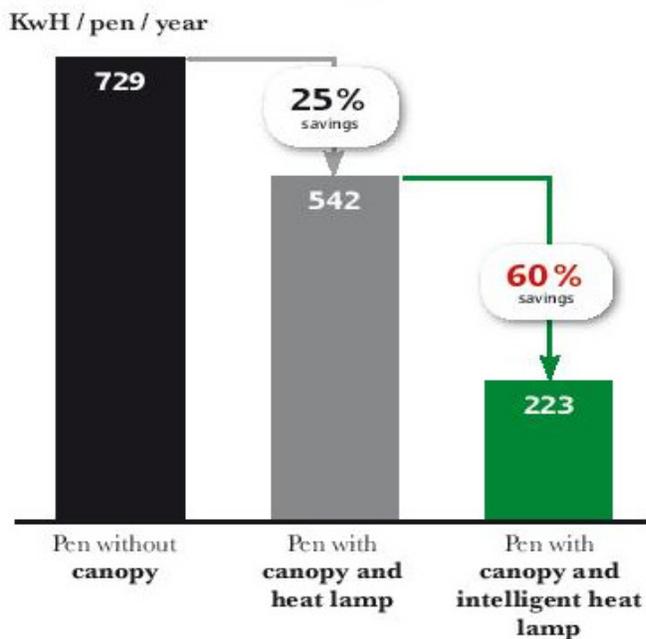


Intelligent heat lamp

Innovative design for the farm - makes your life easier

Reduce your energy costs by 60%

- ✓ Optimal climate for piglets
- ✓ Optimal climate for sows
- ✓ Reduced mortality
- ✓ Better weight gain



Source: IFIP France

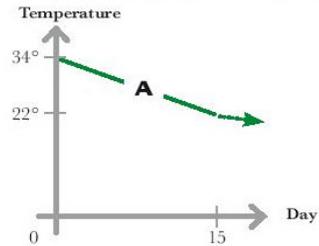




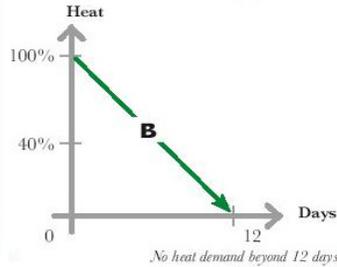
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Temperature curve of controller



Heat demand of piglets



The intelligence of the heat lamp.

How it operates:

The infrared sensor reads the surface temperature of the floor, or the piglet itself. The controller then compares this to the set temperature, and immediately controls the heat output to correspond with the set temperature curve. This initially starts at 34°. This way a stable environment, and desired behaviour of piglets are assured at all times.



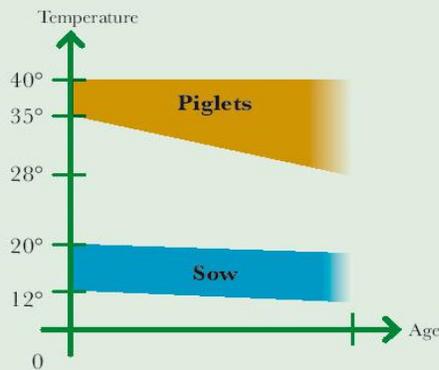
Simple to operate with huge benefits

Press to turn ON and OFF
 Hold  and  simultaneously, to start a batch on day 1: The lamp turns ON and the controller works automatically.



VE122 for independent control of two pens

VE121 for one pen with side by side canopies.



Avoid crushed piglets:

A farrowing pen with a canopy, but without the intelligent heat lamp control. Increases the risk of crushed piglets.

It often gets too warm, and the piglets prefer to rest outside. Quite possibly next to the sow.

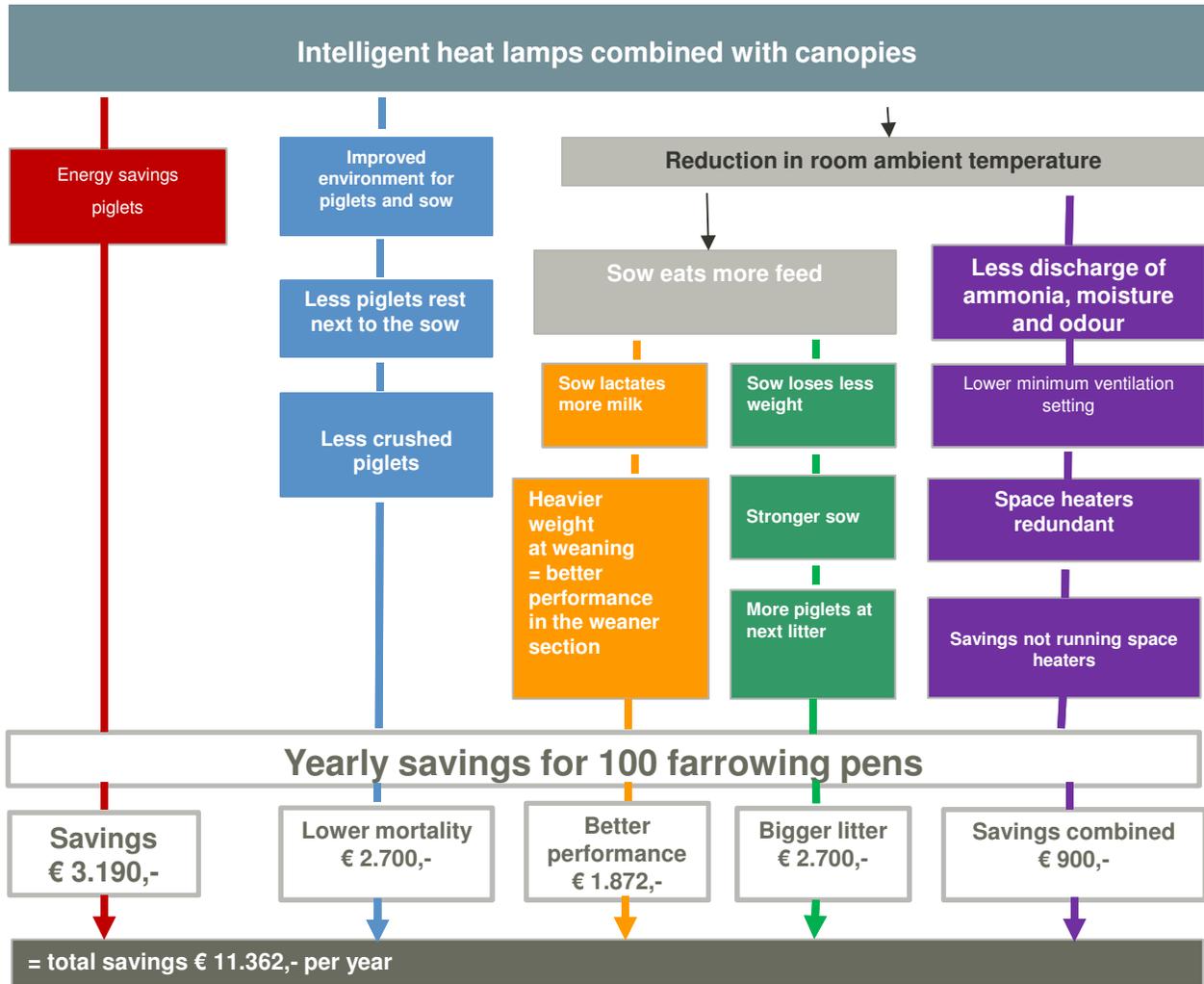
With the canopy, the demand of both piglets and sow are assured.

The piglets demand high temperature, the sow low temperature. The canopy creates a true two-climate pen. The automatic control of the environment beneath the canopy, saves energy and improves performance.



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Up to 70 % savings on energy for heat

With the combination of a canopy and the intelligent heat lamp the heat supply is continuously adjusted according to the actual demand. Energy savings lies between 40 and 70 %.

Lower mortality

The environment below the canopy is unstable without control of the heat lamp. Piglets move away and find heat at the sow. The risk of getting crushed is eminent. 1 % lower mortality is 1.5 piglets per pen per year.

Stronger piglets

The canopy makes the resting zone for the piglets much warmer, and the ambient room temperature can be much lower, which is beneficial for the sow.

She eats more feed, lactates more milk and the piglets grow heavier = stronger at weaning. Consequently they perform better in the weaner room.

Stronger heat and more piglets

Lower ambient temperature encourages the sow to eat more resulting in a higher body weight at weaning. The sow stays stronger and the next litter is bigger.

Better environment:

Decreasing ambient temperature by 1°C reduces ammonia by 15% less moisture and odour from slats and slurry. The minimum ventilation can be set lower, and space heaters and the running costs become redundant.



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Designed for the environment in pig houses

Our systems are designed and field tested to survive the demanding conditions within piggeries by:

- 40 years' experience with electronics inside livestock houses
- Electronics are resistant to ammonia etc.
- Service recorded as low as 2 %
- Spare parts guaranteed

Service to your system on-line, using your PC connected to the Internet. We can check settings and adjust to your satisfaction. We can rectify problems online too.



Expand with PC monitoring

A number of benefits are available with all pens connected to your PC. You can survey all pens constantly.

- Find abnormal pens
- Turn lamps on by section
- Test heat lamps
- See development in demand over one week
- See actual temperature in all pens
- See actual set temperature in all pens
- See heat consumption in %
- Check start of batch was done correctly

Washable heat lamp VE150

VE150 has state of the art characteristics:

- Labour saving - lamp stays in place during cleaning
- No air gaps in the lamp holder – stops cold air draughts to the piglets
- Designed to be fixed on top of a canopy
- Long lifetime using quality materials
- Protective glass with rubber seal



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