



Drying each box individually to the desired moisture content of the seed.



Example installation without boxes



Installation partly filled with boxes



Boxes placed in scaffolding in front of drying installation. Box can be placed or taken one's ready.



Extracted air heated and or dehydrated passes through each box individually.



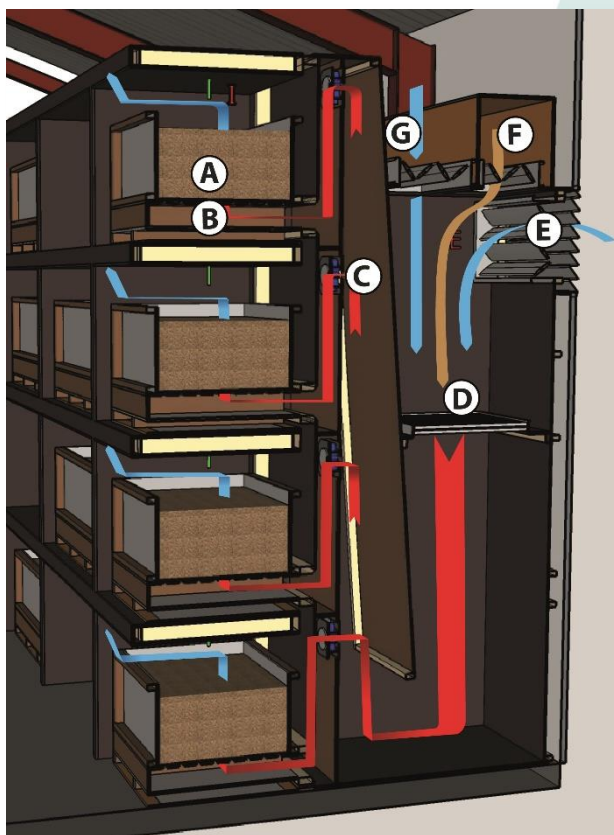
Drying of an individually box starts when placed in scaffolding and stops automatically when the seed is dry.



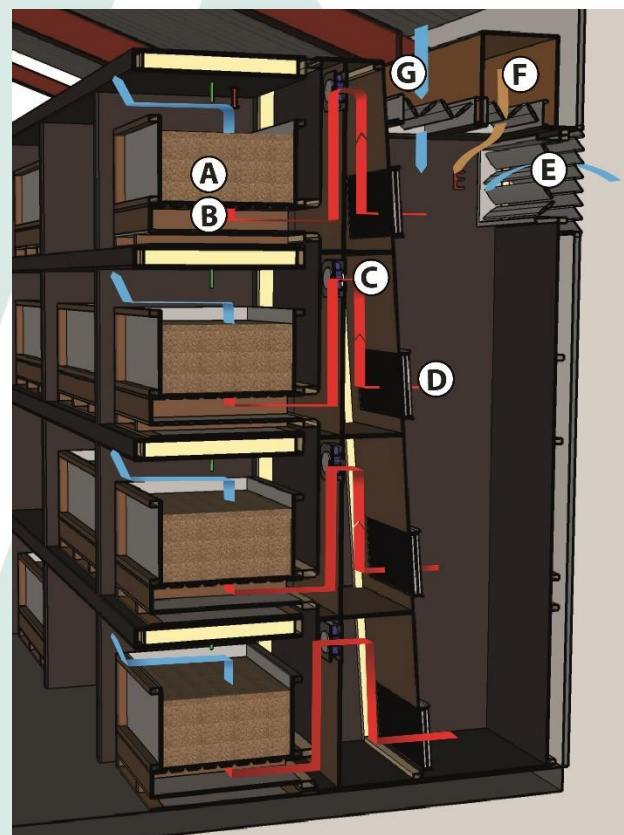
Measuring air out of seed per box to control.



LED-lamps for indication status of drying.



Example individual box drying with dehydrated air.



Extra option: temperature per box individually

- A. Box with seed
- B. Inlet pallet
- C. High pressure fan per box
- D. Radiator heater with warm water

- E. Valve for inlet outside air
- F. Air-duct and hatch for inlet dehydrated air
- G. Valve for inlet inside air (recycling).

Process:

The box is being placed, the fan will start automatically. The fan will speed up till the desired airflow as set for this box has been reached. The drying starts by extracting outside air. When seed starts to dry and outside air is not dry enough, dehydrated air will automatically mix with the outside air till the desired AH as programmed. When air out of the seed becomes dryer than outside air, automatically dry inside air will be extracted. The drying will continue till the air out of the seed has reached the AH as goes with the equilibrium moist content of the seed. At that moment, the slide will slowly close. When closed the seed in this box is dry.