



The air circulation

The image above shows a schematic drawing of the air circulation that takes place with pallet-ventilation. Cold air enters the room through the ventilation hatch (1). The hatch is closed when the weather conditions are unfavorable. In that case an intern air circulation takes place. There is a possibility to place a heater in the system to warm up the air (2). The fan (3) blows the air through the outlets of the system. The last pallets are closed with closing blocks (6). As a result the air is forced upwards through the boxes (4). The air can escape through the gaps between two boxes (5).

1-Layer boxes

To gain the best results it is necessary to use closed boxes with closed pallet bottoms. The bottom of the box is made of a mesh. This makes complete ventilation through the boxes possible. The air can escape through gaps on the sides of the box. Because of the closed pallet bottoms the boxes can only be moved with a forklift truck and not with a hand pallet truck.



Gap between two boxes



Two 1-layer boxes