

We Claim:

1. Refrigerated sales cabinet (1) comprising:
 - a goods presentation and air circulation space (2) for supporting refrigerated goods to be sold;
 - an evaporator (6) for cooling air flowing through the goods presentation and air circulation space (2); and
 - a drain conduit (36) connecting a bottom part of the goods presentation and air circulation space (2) with a position outside of the goods presentation and air circulation space (2), said drain conduit (36) being configured for draining condensed water forming within the goods presentation and air circulation space (2) to a position outside of the goods presentation and air circulation space (2);characterized in that
 - the drain conduit (36) comprises an at least partially permeable container (54, 56) arranged along the flow path of the drain conduit (36), the container (54, 56) being filled with granulate material (34) that is non-absorbent to water, and the granulate material (34) being piled up within the container (54, 56) so as to occupy the diameter of the flow path such that air is hindered from passing through the drain conduit (36) from outside of the goods presentation and air circulation space (2) into the goods presentation and air circulation space (2) and such that water still can pass through the drain conduit (36) from the goods presentation and air circulation space (2) to the position outside of the goods presentation and air circulation space (2).
2. Refrigerated sales cabinet (1) of claim 1, wherein the drain conduit (36) has a straight, non-bent shape and the longitudinal axis of the drain conduit (36) forms an angle of 70 to 90° with the horizontal.
3. Refrigerated sales cabinet (1) of any of the preceding claims, wherein the container (54, 56) being filled with granulate material (34) forms a segment of the drain conduit (36).
4. Refrigerated sales cabinet (1) of any of the preceding claims, wherein the container (54, 56) being filled with granulate material (34) forms a cartridge (56) positioned within the drain conduit (36).
5. Refrigerated sales cabinet (1) of claim 3 or 4, wherein the container (54, 56) has a lower permeable wall (55) onto which the granulate material (34) is piled up.

6. Refrigerated sales cabinet (1) of any of the preceding claims, wherein the container (54, 56) being filled with granulate material (34) is formed as a net-bag (54) positioned within the drain conduit (36).
- 5 7. Refrigerated sales cabinet (1) of any of claims 4 to 6, wherein the drain conduit (36) comprises a support (40), particularly a grid or an orifice, for supporting the container (54, 56) within the drain conduit (36).
- 10 8. Refrigerated sales cabinet (1) of any of the preceding claims, wherein the fill level of the granulate material (34) within in the container (54, 56) is at least 20 mm.
9. Refrigerated sales cabinet (1) of any of the preceding claims, wherein the granulate material (34) comprises elements (52) having a rounded and/or smooth surface.
- 15 10. Refrigerated sales cabinet (1) of claim 9, wherein the elements (52) are of uniform size, the longest extension of the elements being in the range of 2 mm to 5 mm, particularly 3 mm approximately.
- 20 11. Refrigerated sales cabinet (1) of claim 9, wherein the elements (52) are of varying size, the longest extension of the elements being in the range of 2 mm to 5 mm.
12. Refrigerated sales cabinet (1) of any of the preceding claims, wherein the granulate material (34) comprises a plurality of pellets (52), particularly balls.
- 25 13. Refrigerated sales cabinet (1) of any of the preceding claims, wherein the granulate material (34) comprises at least one of glass, stone, gravel, plastics, polymer, silicium, or a metal material, particularly steel or aluminium.
- 30 14. Refrigerated sales cabinet (3) comprising:
a goods presentation and air circulation space (2) for supporting refrigerated goods to be sold;
an evaporator (6) for cooling air flowing through the goods presentation and air circulation space (2); and
35 a drain conduit (42) connecting a bottom part of the goods presentation and air circulation space (2) with a position outside of the goods presentation and air circulation space (2), said drain conduit (42) being configured for draining condensed water forming within

the goods presentation and air circulation space (2) to a position outside of the goods presentation and air circulation space (2);

characterized in that

the end of the drain conduit (42) at the position outside of the goods presentation and air circulation space (2) is facing upwards forming an angle with respect to a vertical plane, and a flap (48) is provided at said end of the drain conduit (42), said flap (48) being moveable between a closed position, in which the flap (48) rests on said end of the drain conduit (42) and hinders or even prevents air passing through the drain conduit (42) from outside of the goods presentation and air circulation space (2) into the goods presentation and air circulation space (2), and an open position, in which the flap (48) is raised from said end of the drain conduit (42), allowing water to pass through the drain conduit (42) from the goods presentation and air circulation space (2) to the position outside of the goods presentation and air circulation space (2), wherein the drain conduit (42) is formed as U-shaped siphon (44, 45, 46).

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15. Refrigerated sales cabinet (3) of claim 14, wherein the movable flap (48) is configured to be moved into its closed position by means of gravity and to be moved into the open position by means of the pressure of condensed water in the drain conduit (42) exerted upon the flap (48).

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16. Refrigerated sales cabinet (3) of claim 14 or 15, wherein the moveable flap (48) is mounted to the drain conduit (42) by means of a joint or hinge (50) allowing the flap (48) to pivot with respect to said end of the drain conduit (42).

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17. Refrigerated sales cabinet (1, 3) of any of the preceding claims, wherein the position outside of the goods presentation and air circulation space (2) to which the drain conduit (42) drains the condensed water is a reservoir (38) positioned in a lower bottom portion (18) of the refrigerated sales cabinet below the goods presentation and air circulation space (2).

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18. Refrigerated sales cabinet (1, 3) of claim 17, wherein the refrigerated sales cabinet (1, 3) comprises means for evaporating the water collected in the reservoir (38).

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