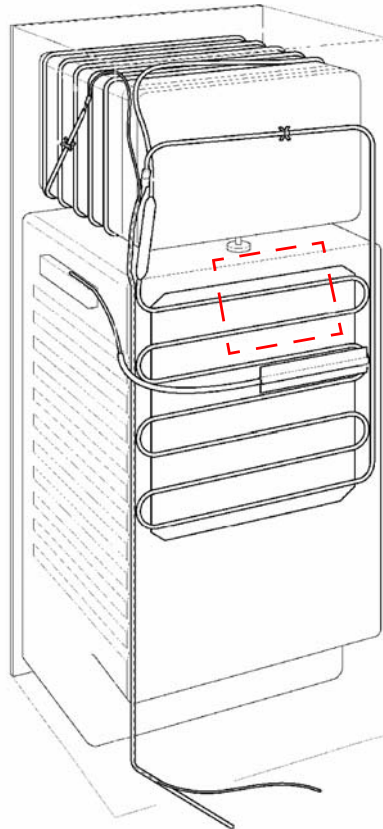


Noises in refrigerators with foamed evaporators

TOF (Tube On Foil) foamed evaporators are lowerable tube evaporators which are positioned in the interior of the refrigerator and held by self-adhesive film during the subsequent expanding phase of the refrigerated space.



Appliances with TOF foamed evaporators shown on the list may have the following defects:

Knocking or cracking noises caused when the adhesive tape suddenly comes off the refrigerator interior wall (area marked in red on the drawing).

A number of holes will need to be made in the adhesive tape in order to avoid the noise described. To do this, a hole is made in the rear wall of the appliance with a steel bar, as described below.

Material required:

- Tape measure
- Hook for the evaporator (spare-part no. 340643), 2 mm in diameter, with rounded ends (sharp ends are not permitted)
- Adhesive tape
- Sealing agent (silicone low-temperature putty)

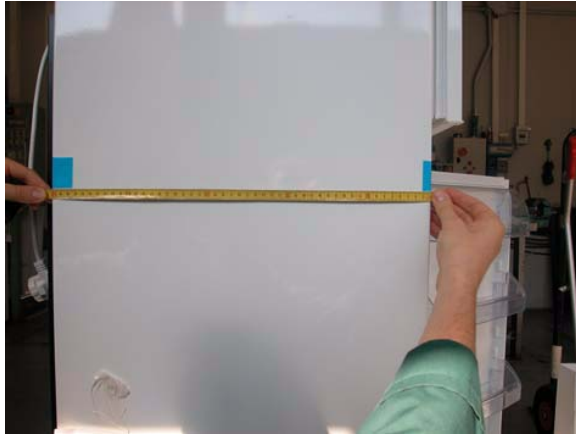
Caution! Disconnect the appliance from the power supply before carrying out any work!
If the hook for the evaporator gets stuck before clearance Y has been reached, stop drilling immediately. Otherwise electric wires may be damaged. In this case place the drill a few millimetres to the left or the right and try again.

Models affected

PNC code	Clearance X	Clearance Y
	Clearance between the back wall and the refrigerator interior (mm)	Clearance between the back wall and the evaporator tube (mm)
925542XXX	45	40
925551XXX	45	40
925590XXX	45	40
925592XXX	53	48
925595XXX	52	47
925596XXX	52	47
925597XXX	55	50
925598XXX	55	50
925632XXX	40	35
925740XXX	45	40
925860XXX	40	35
925875XXX	40	35

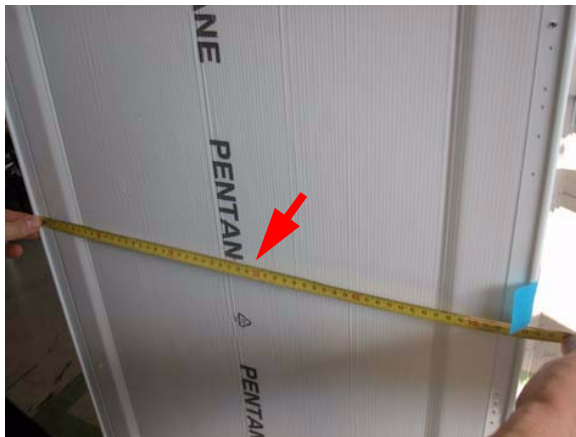


1. Look for the characteristic indentation in the refrigerator interior. The tube evaporator starts below this point.
2. Use a tape measure to mark the reference dimensions on the front of the appliance with adhesive tape.



3. Also mark the reference positions on the back of the appliance.

4. Remove the fastening screws of the capacitor and fasten it to the shell with adhesive tape.



Hook for evaporator (spare-part no. 340643)

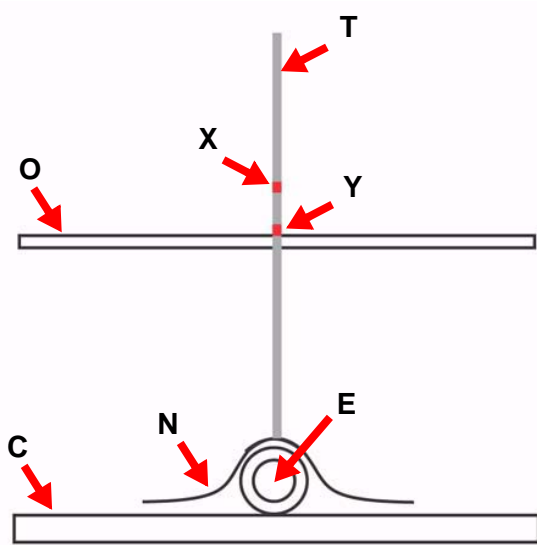
130mm

Diameter: 2mm

20mm

5. Mark the centre point (see arrow) with a felt-tip pen.

6. Mark the clearances **X** and **Y** on the hook for the evaporator in accordance with the PNC code of the appliance on the chart.



7. Drill through the back wall with the hook to find the evaporator tube. You will have found the tube when the hook meets with resistance at the Y marking. If necessary, drill again 5 mm deeper each time until the tube has been located.

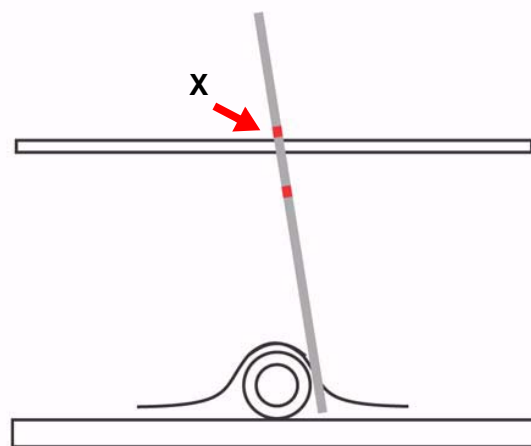
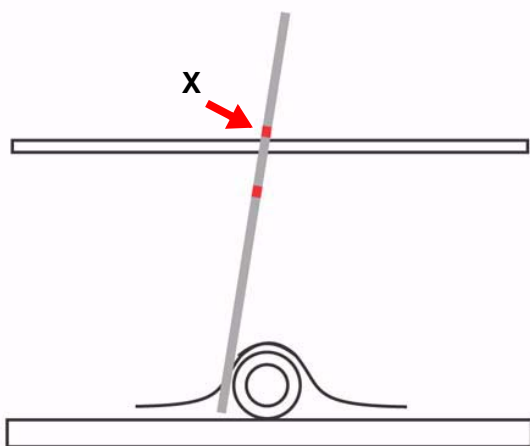


If the hook gets stuck before clearance Y has been reached, stop drilling immediately as electric wires may otherwise be damaged. In this case place the drill a few millimetres to the left or the right and try again.

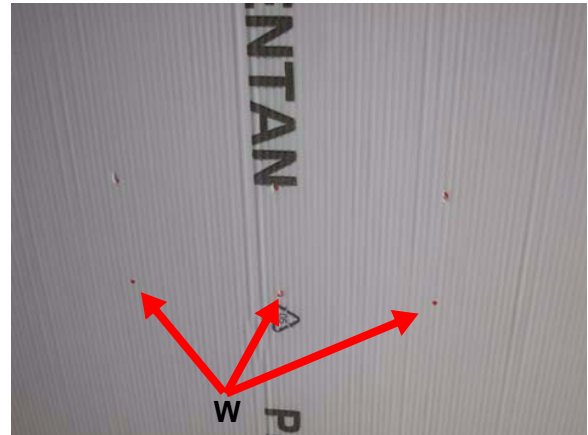
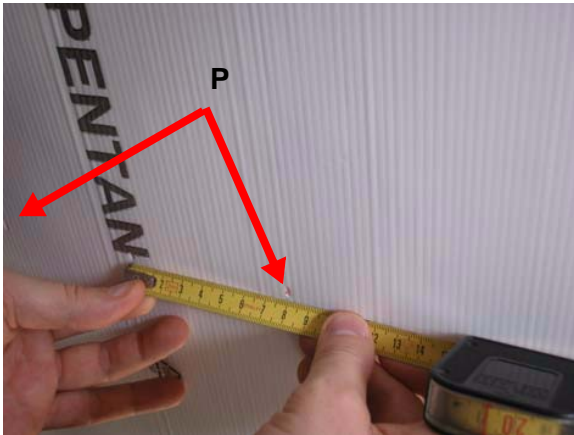
8. Profile of Step 7.

Legend:

- T = hook for the evaporator
- X = clearance X
- Y = clearance Y
- O = back wall
- C = refrigerator interior
- N = adhesive tape
- E = evaporator tube



9. Lift up the rod slightly and drill through the adhesive tape until clearance **X** has been reached. Repeat, holding the rod slightly downwards.



10. Mark two more points **P** each 8 cm from the centre point and repeat steps 7 to 9 (finding the tube and drilling through the adhesive tape).
11. Mark three more points **W** each 6 cm below the three holes already present and repeat steps 7 to 9 (finding the tube and drilling through the adhesive tape).

Seal the holes with sealant if necessary and cover the area with adhesive tape.