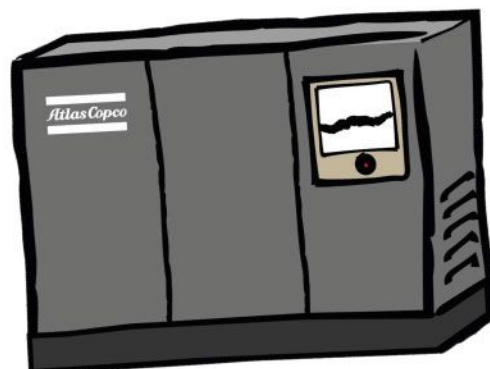


COMPRESSOR INSTALLATION DO'S AND DON'TS

Atlas Copco

TIPS & TRICKS

1. Proper installation environment
2. Stable equipment management
3. Consideration of maintenance environment
4. Worker safety and health considerations
5. Precautions when connecting power
and communication lines
6. Other installation precautions



TIPS & TRICKS

1. Proper installation environment

- Select proper installation location for easy access to the compressor room
- For outdoor installation, be sure to consult with the Atlas Copco technical team

2. Stable equipment management

- Ventilation is required to prevent overheating
- Install a dust filter to avoid exposure from excessive dust and moisture
- Install a duct on the top of the compressor so that the generated heat and dust escape

3. Consideration of maintenance environment

- Sufficient workspace and upper height for service activities
- Installation of lifting crane for equipment transportation
- Maintain the illuminance of the compressor room over 150 LUX

4. Worker safety and health considerations

- Arrangement of hoses and cables installed on the floor
- Earplug storage box installed at the entrance of the compressor room to protect from noise

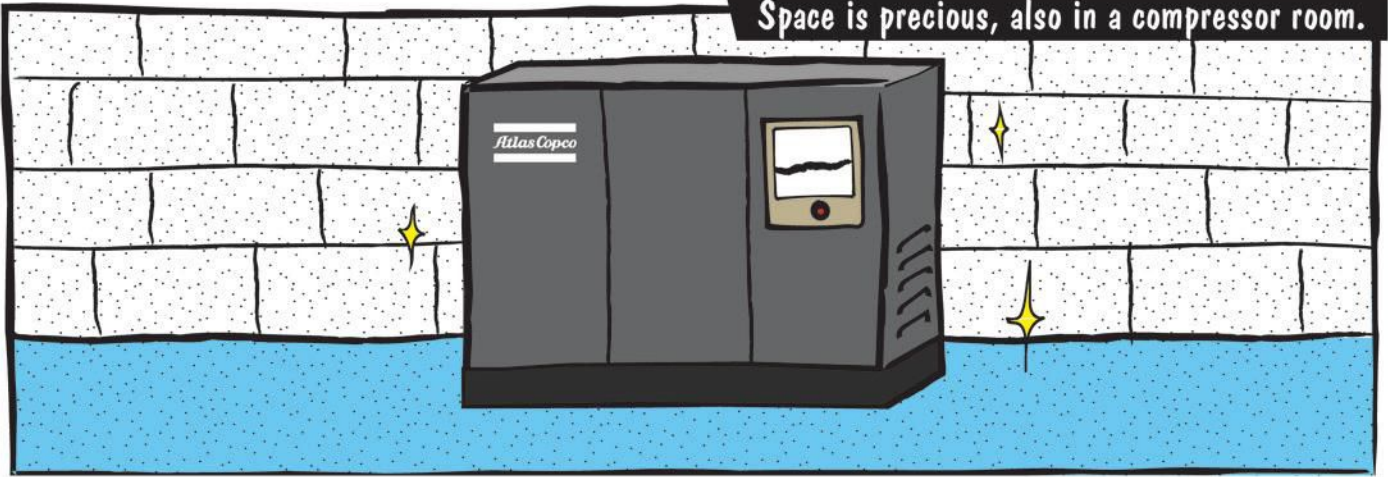
5. Precautions when connecting power and communication lines

- When connecting the power line, block the inflow of metallic impurities to prevent damage of electrical and instrumentation parts inside the panel
- Ground wire must be installed

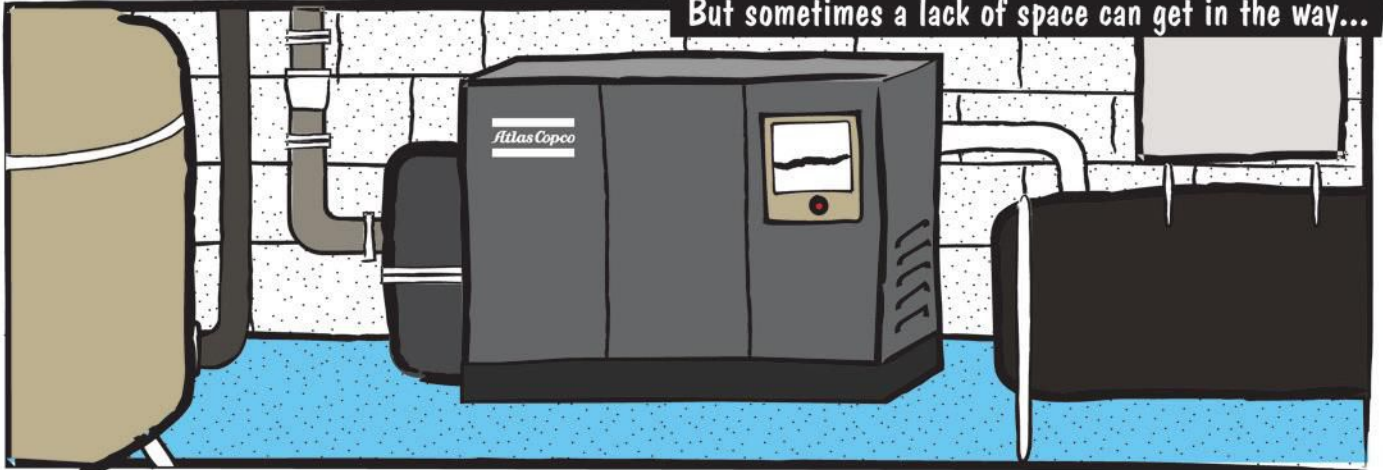
6. Other installation precautions

- Always install the compressor discharge pipe with a gooseneck and fix the pipe
- Condensate drain must be installed in an open type by separating each

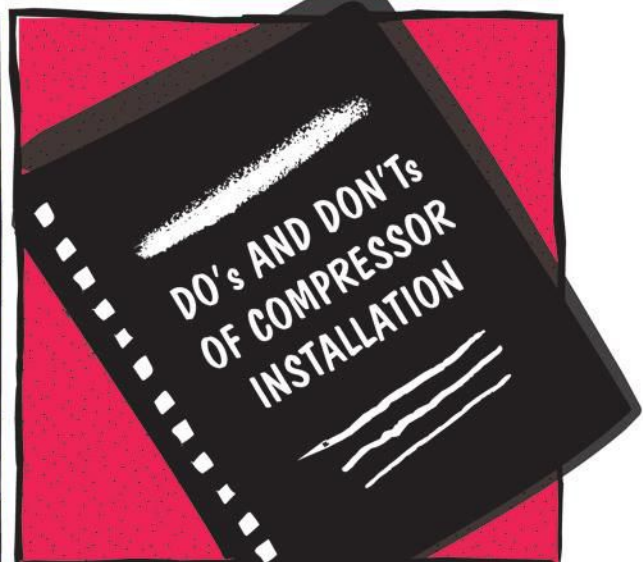
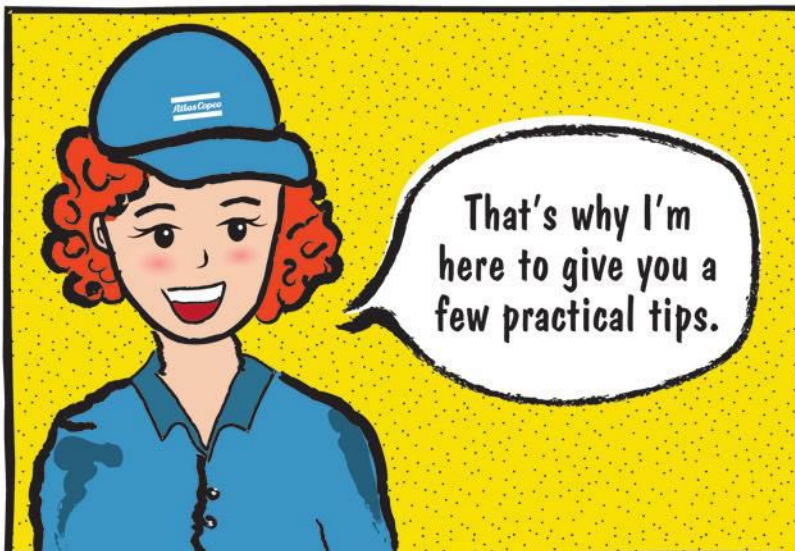
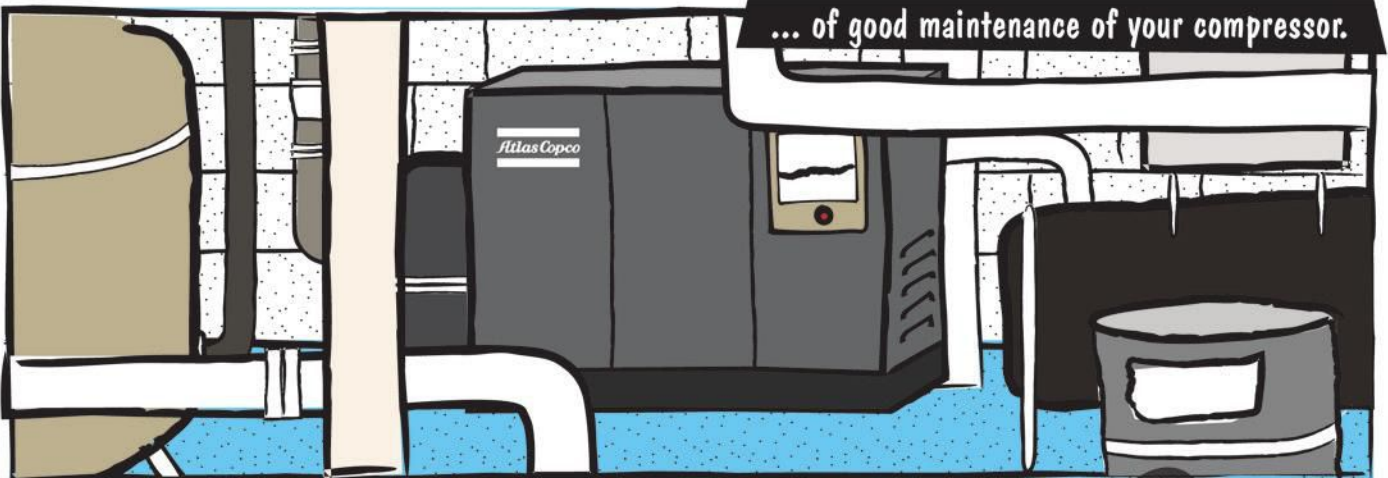
Space is precious, also in a compressor room.



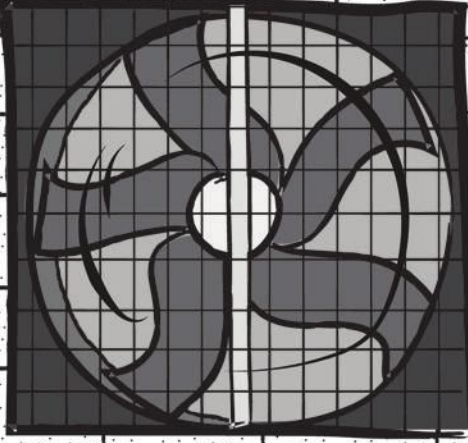
But sometimes a lack of space can get in the way...



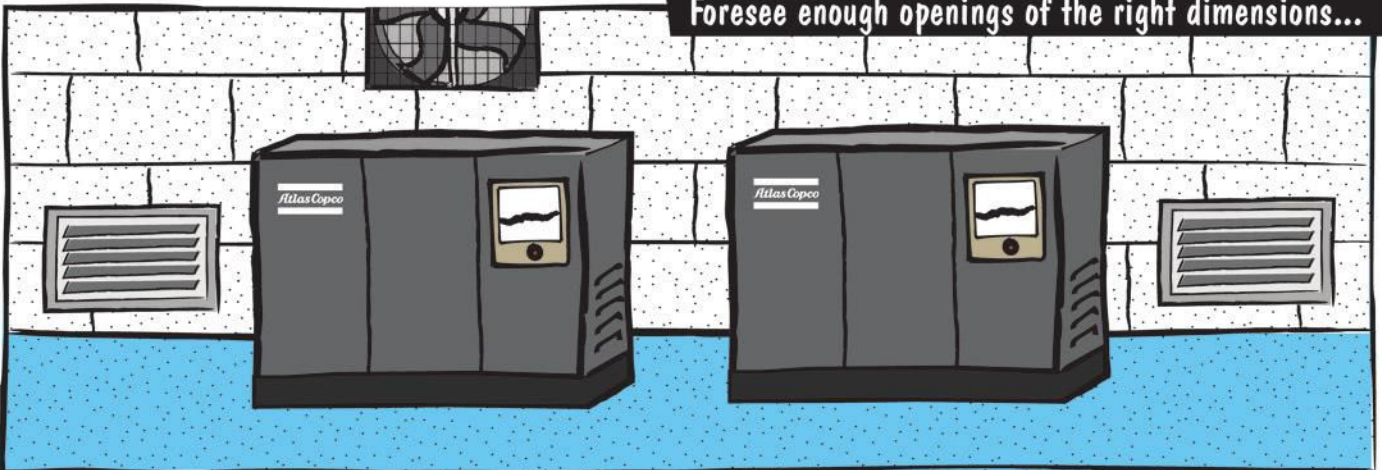
... of good maintenance of your compressor.



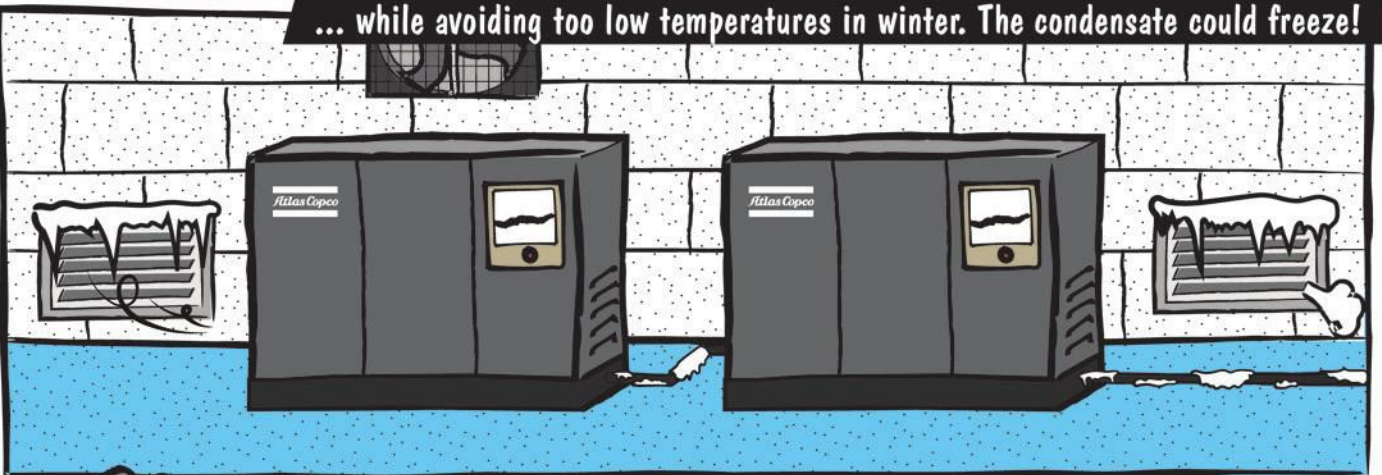
To prevent overheating, ventilation is important.



Foresee enough openings of the right dimensions...



... while avoiding too low temperatures in winter. The condensate could freeze!



Keep dust away! If necessary, add dust filters to the ventilation.



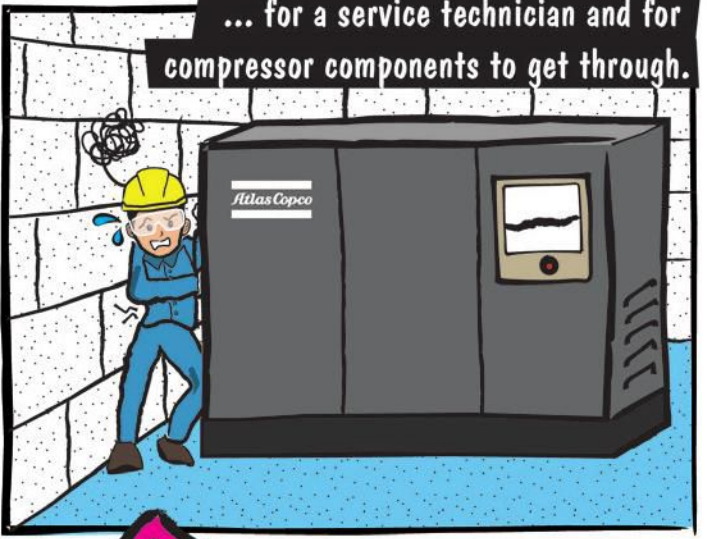
Or install ducts to supply clean air and/or remove the heat.



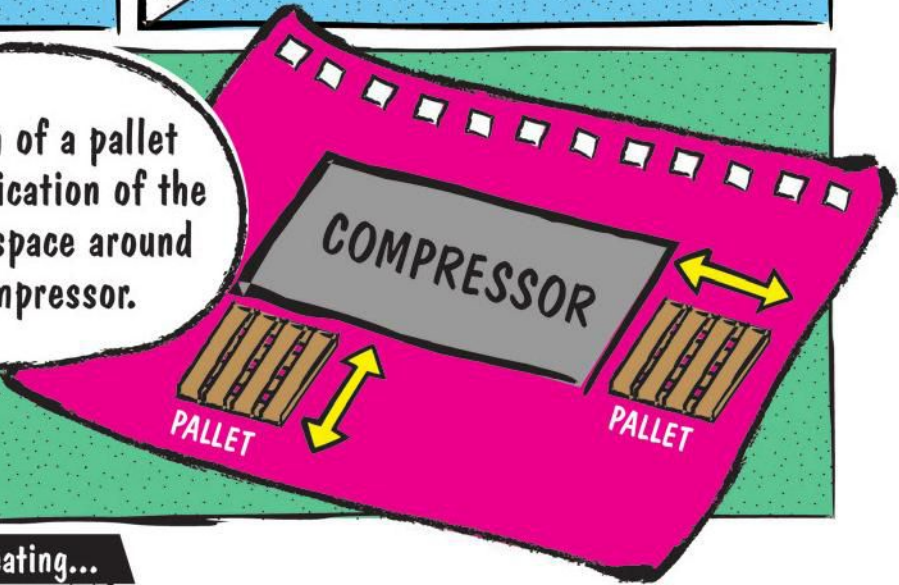
It's important to leave enough space...



... for a service technician and for compressor components to get through.



The width of a pallet is good indication of the minimum space around the compressor.



Too little overhead room can cause overheating...

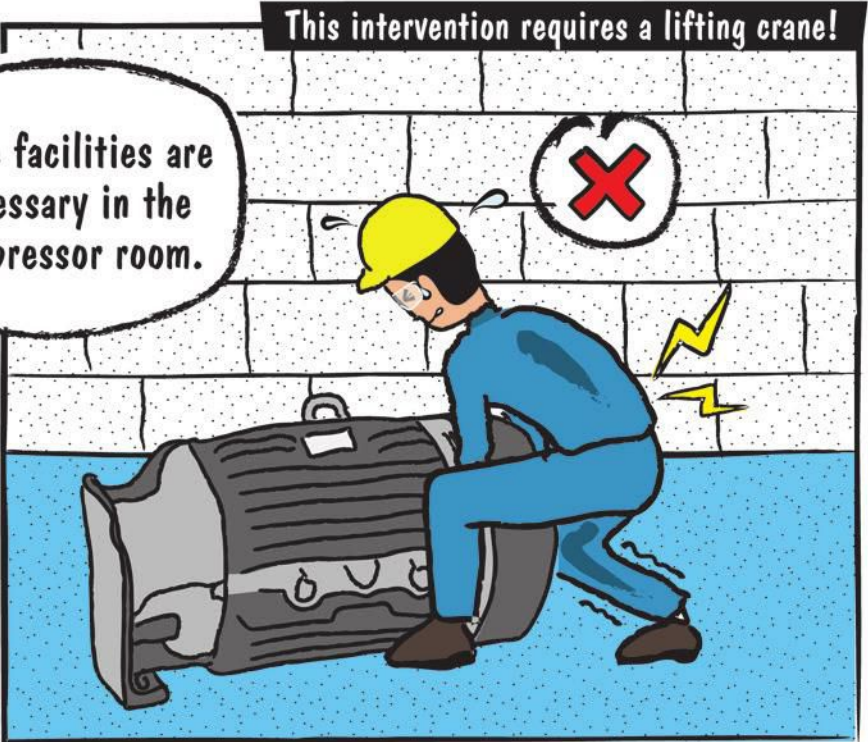


... and some components need to be accessible from the top.

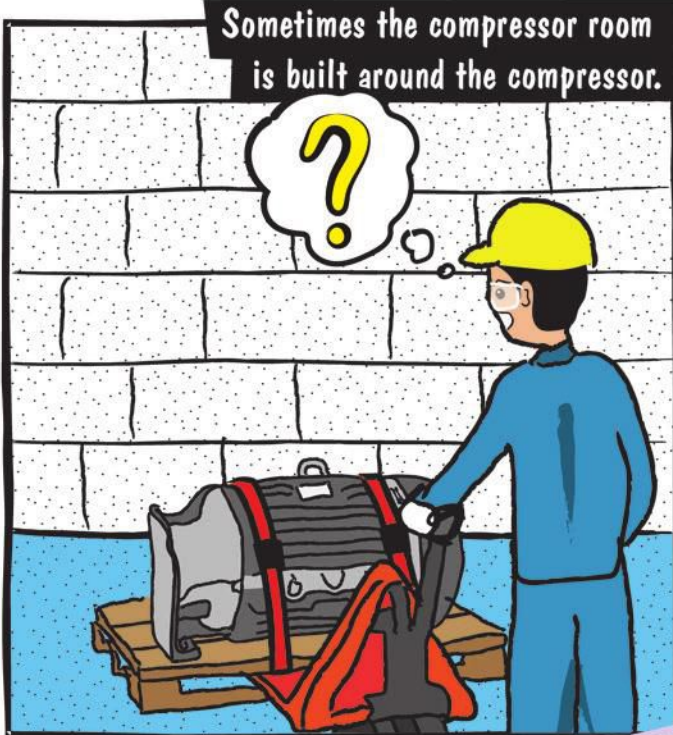




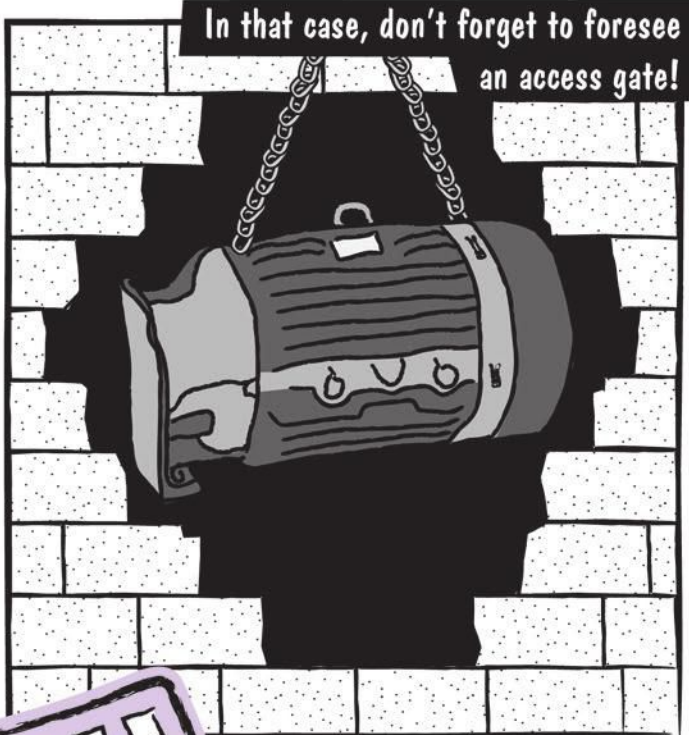
Some facilities are necessary in the compressor room.



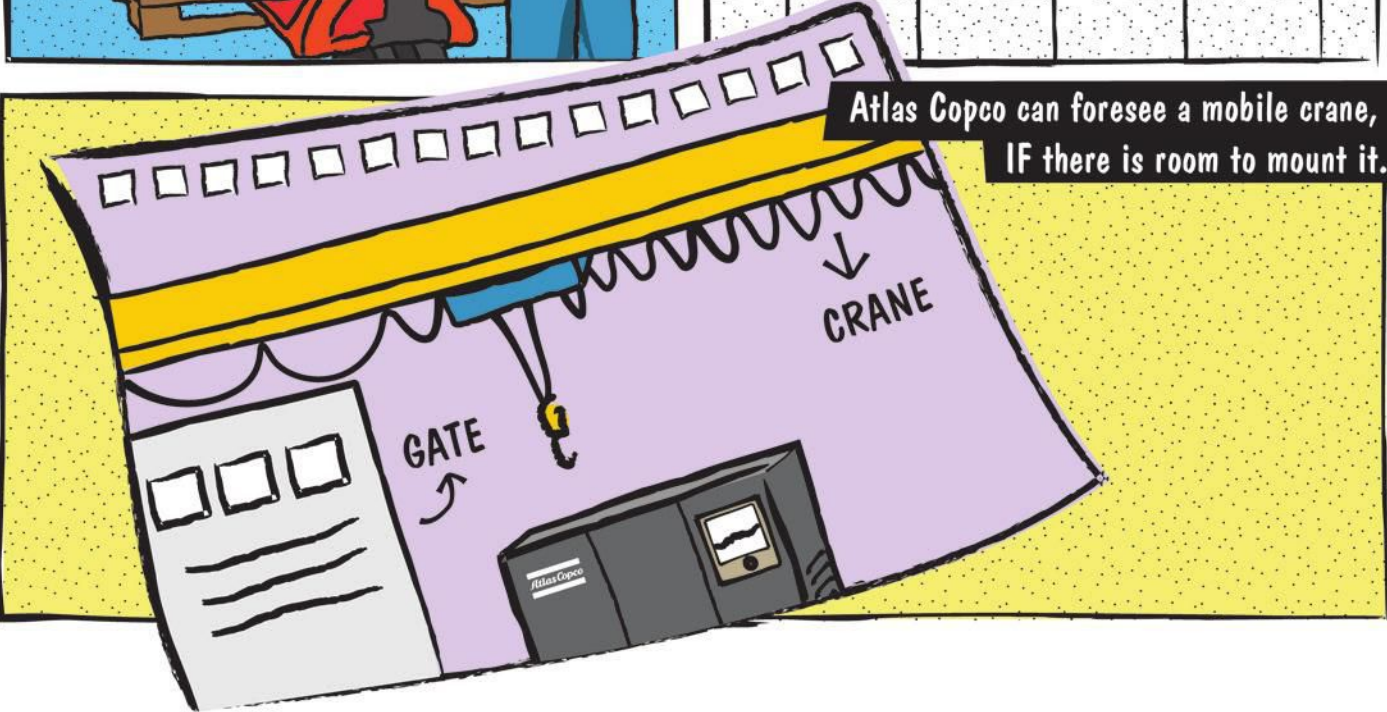
This intervention requires a lifting crane!



Sometimes the compressor room is built around the compressor.

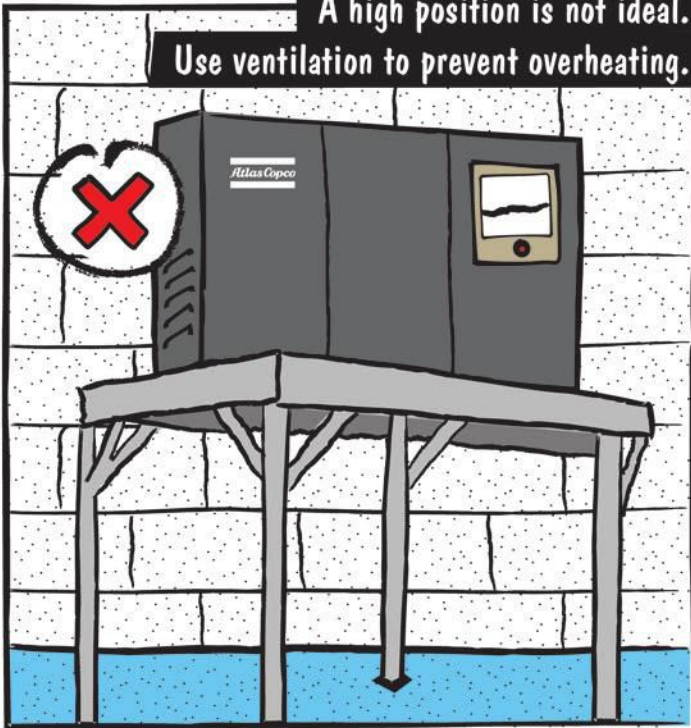


In that case, don't forget to foresee an access gate!



Atlas Copco can foresee a mobile crane, IF there is room to mount it.

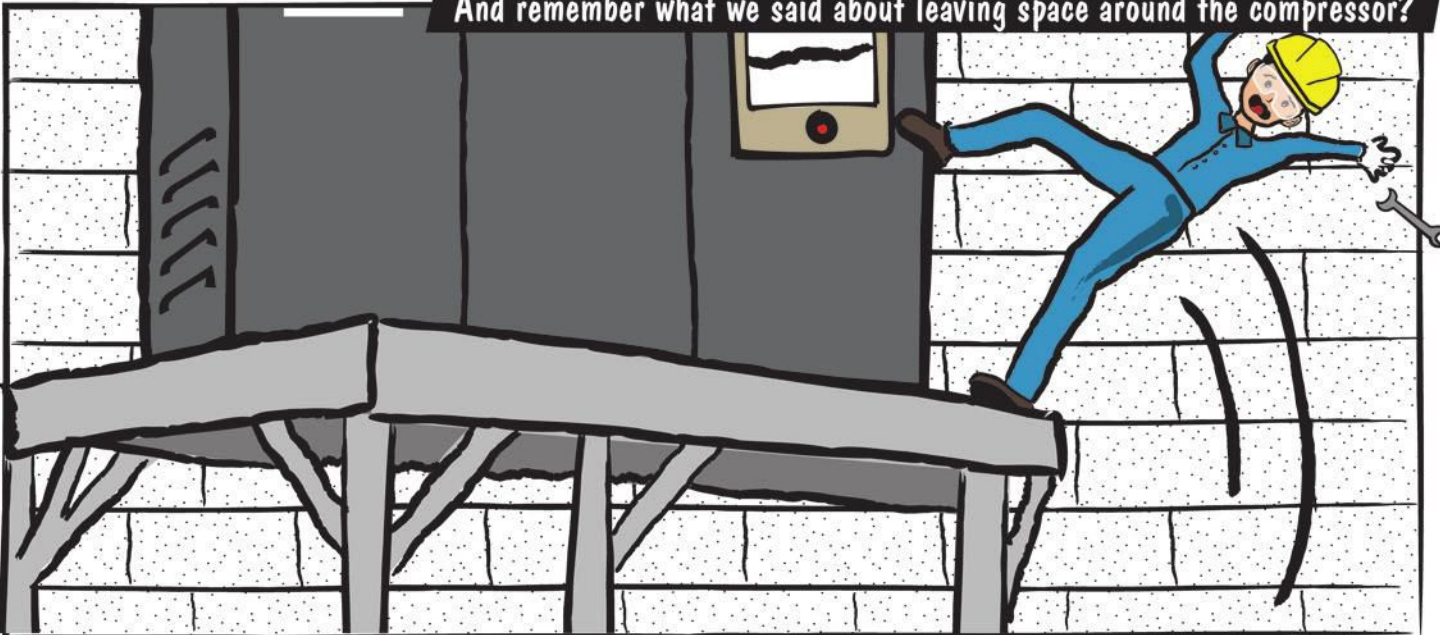
A high position is not ideal.
Use ventilation to prevent overheating.



Access is more difficult, less safe
and sometimes even prohibited.



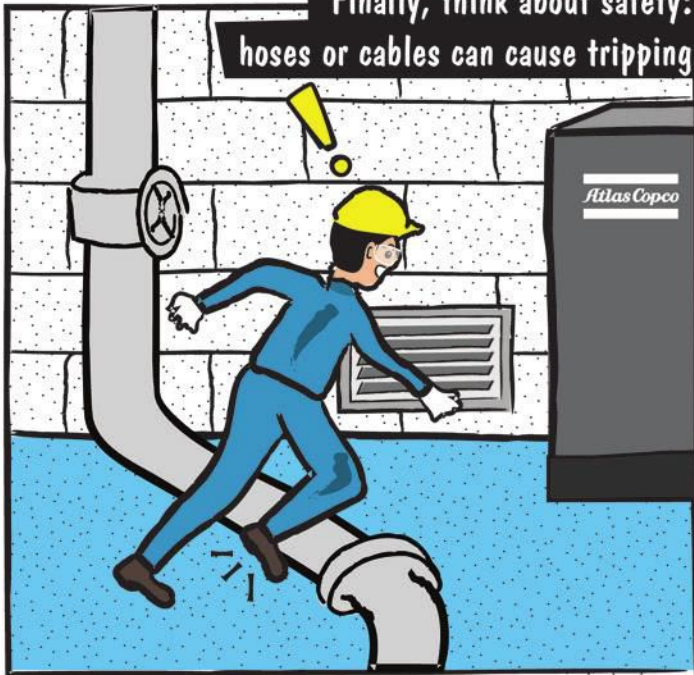
And remember what we said about leaving space around the compressor?



Also foresee a
lifting crane or a
scissor lift to move
heavy components.



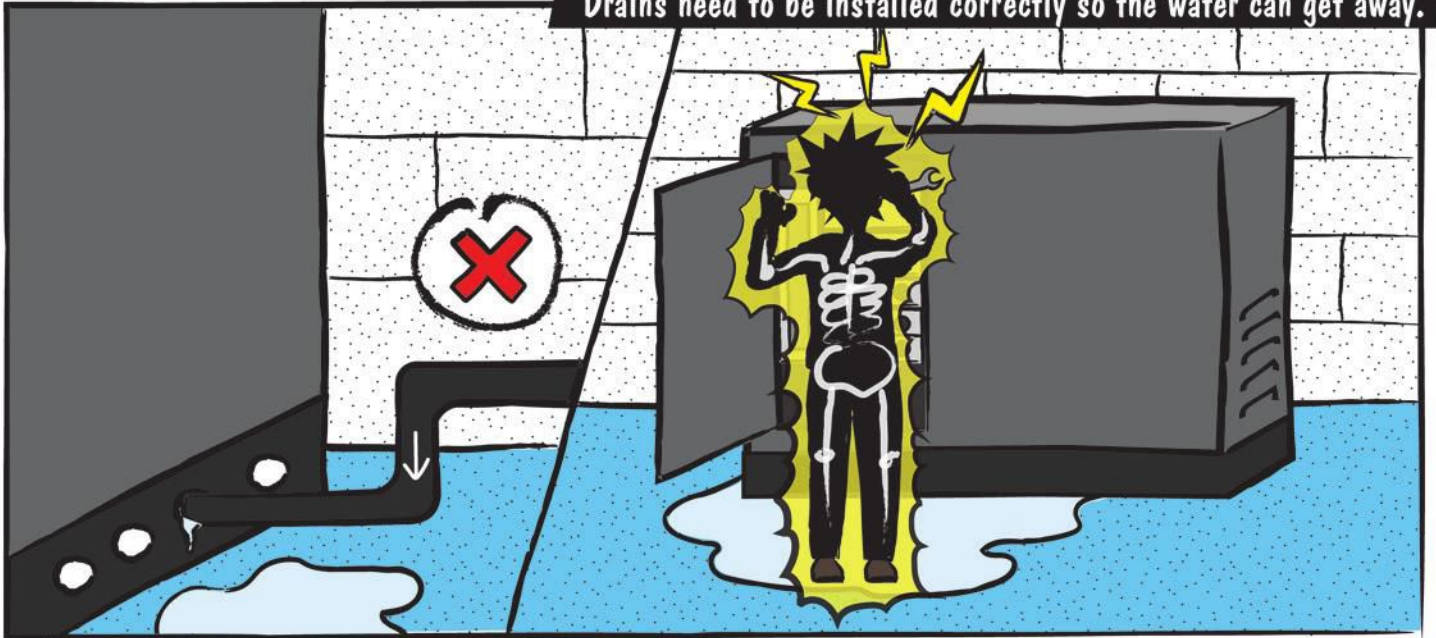
Finally, think about safety: hoses or cables can cause tripping.



Always follow the tolerances and recommendations when connecting the equipment. When in doubt, Atlas Copco can always advise you.



Drains need to be installed correctly so the water can get away.



When installing a compressor, think about the service technician. He takes care of your compressor. Take care of him in return!

COMMITTED TO SUSTAINABLE PRODUCTIVITY

As a true service partner we understand your need for reliable and efficient quality air solutions. It is our ambition to maximize the availability of your equipment at minimum total operating cost, making adequate use of resources. That is what we call sustainable productivity.

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