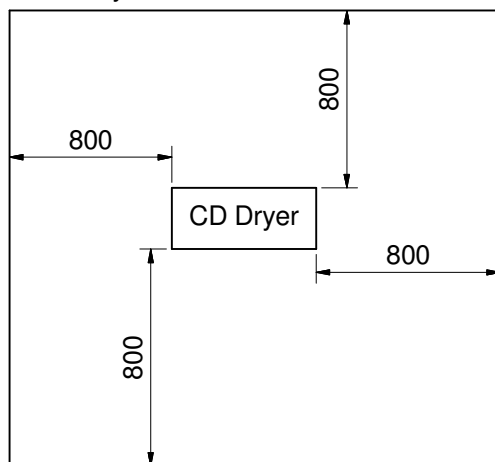


Minimum free area to be reserved  
for the dryer installation.

**NOTES:**

- All pipes should be installed stress-free to the compressor unit
- For more information concerning air nets, cooling systems, etc. refer to the compressor installation manual
- For dimensions and air flow directions refer to the AHB dimension drawings

The dryer unit must be installed on a level floor suitable for taking the weight of the dryer. There must be a free space of 800mm around the dryer. On both inlet filters a drain tube must be installed. The drainpipes to the drain collector must not dip into the water. For draining of pure condensate water, install an oil/water separator (Consult Atlas Copco).

The inlet filter type DD (optional) for general-purpose filtration (particle removal down to 1micron with a maximum oil carry-over of 0.5 ppm). A high efficiency PD-filter installed downstream the DD- filter (particle removal down to 0.01 micron and max. oil carry- over of 0.01 ppm).

It is recommended to install by-pass pipes over each filter together with ball valves in order to isolate the filters during service operations, without disturbing the compressed air delivery.

If no safety valve is present in the air net close to the desiccant dryer (e.g. safety valve of compressor), a full flow safety valve must be installed in the air net near the dryer.

If the maximum pressure of the compressor is higher than the design pressure of the dryer, a full flow safety valve must be installed between the compressor and the dryer in order to blow off the excessive pressure.

The power supply connection plug has to be sized and installed by a qualified electrician.

If the installation sequence is compressor - air receiver - dryer, **do not connect** the load/unload contact of the compressor to the freeze contact (X3 on the dryer's control board).

In case the air receiver is installed upstream the dryer and the load/unload contact of the compressor is connected to X3, the dryer might get overloaded by the air receiver's air volume when it is in freeze mode.

An external contact can only be connected to the X3 contact of the dryer, when the air receiver is placed downstream of the dryer.

For the dryer there is no extra ventilation needed.

Waterseparator : High efficiency waterseparator removes 90% in the compressor air when by-passing the dryer. If the WSD is not mounted in the compressor, a WSD need to be added in the installation downstream the vessel.

The drain pipes to the drain collector must not dip into the water. For draining of pure condensate water, install an oil/water separator. Consult Atlas Copco.

All materials supplied are in compliance with the requirements of the List of Prohibited Substances

Tolerances, if not indicated, according to:							
ATLAS COPCO STANDARD CLASS							
Name	- INSTALLATION PROPOSAL			Secrecy Class			
Material	NOT APPLICABLE			CD1-22+	1102 K/ 2		
Treatment	Not Applicable			INV			
	Scale	1:30	Family	A3	Compare		
	Drawn by	AIR15083	Blank nr.		Replaces		
STATUS	Version Drwg	02.04	Blank wt	0 Kg	Fin. wt.	1,586 Kg	
	Des checked.		Prod checked.		Approved.	Date	2011-04-07
Approved		Designation				Sheet	1 / 1
		9827800100					

02			2011-04-19	AIR15083	9827800100	00.00
Ed	Position	Modified from	Date	Intr./Appd.	Parent 3D model	Ed . Version 3D