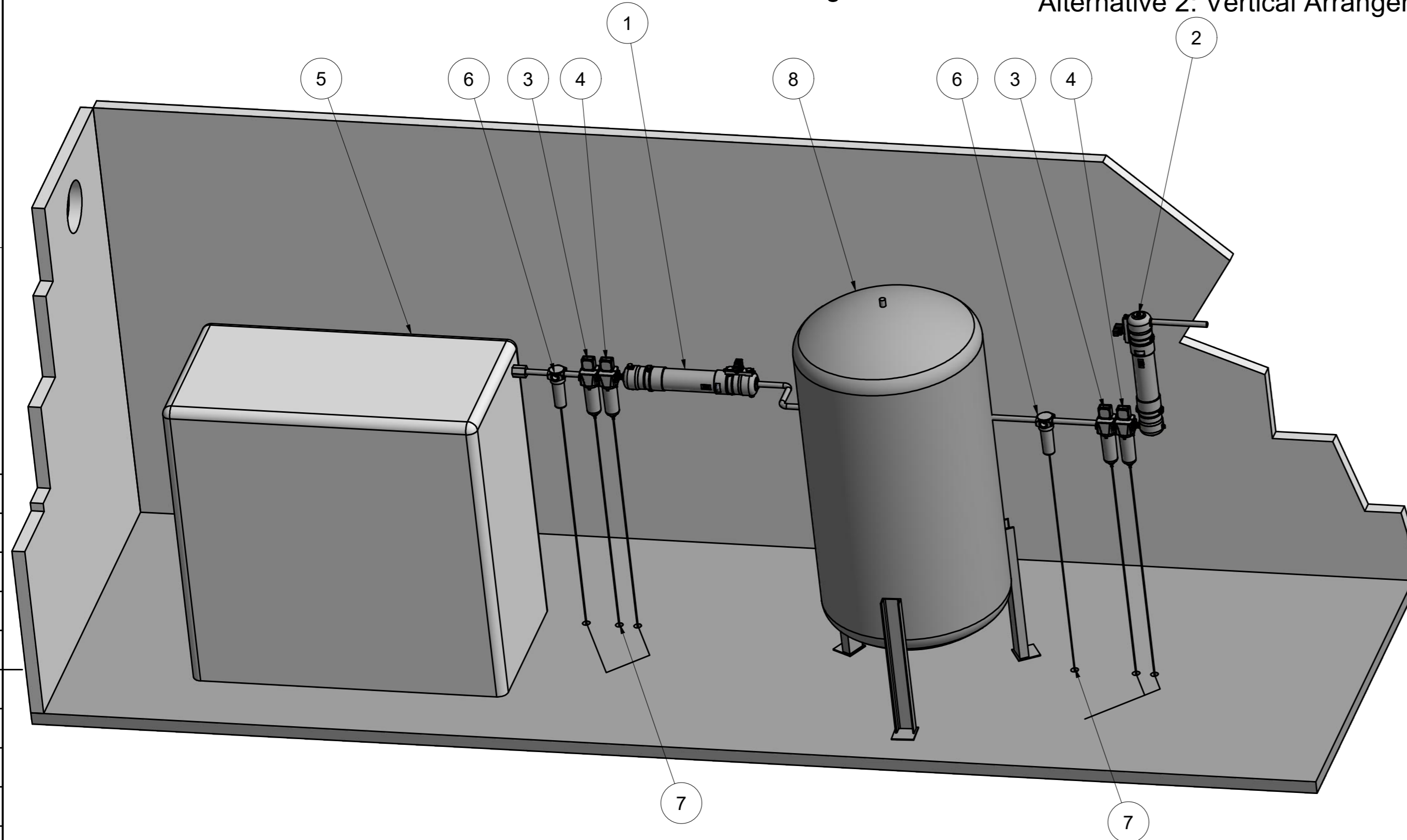


All materials supplied are in compliance with the requirements of the List of Prohibited Substances

### Alternative 1: Horizontal Arrangement

### Alternative 2: Vertical Arrangement



The DHM-DRYER UNIT can be installed HORIZONTALLY (1) or VERTICALLY (2) in the piping network, BEFORE or AFTER the AIR RECEIVER (8). However when the compressor (5) is a piston compressor, the DHM-dryer unit may not be installed before the air receiver due to the risk of damaging the internal membrane fibres of the DHM-dryer by the pressure pulsations in the compressed air. For the installation of the DHM-DRYER, take into account the specific instructions described in Instruction Drawing 9827 7307 02.

Before the DHM-DRYER the INLET FILTER (3) and the INLET FILTER (4), both included in the delivery if the DHM-dryer unit, must be installed to protect the internal membrane fibres in the DHM-dryer. Under the filters sufficient free space shall be foreseen for the exchange of the filter elements (see Dimension Drawing). In case BYPASS PIPES are installed over the inlet filters, together with a set of valves in order to isolate the inlet filters during service operations, it is necessary to install in the bypass pipes also additionally two INLET FILTERS of the same size.

In case no WATER SEPARATOR is mounted in the COMPRESSOR (5), a high efficiency WATER SEPARATOR (6) need to be installed before the inlet filter to separate free water from the compressed air before entering the DHM-DRYER UNIT.

On the WATER SEPARATOR and on both INLET FILTERS a DRAIN TUBE should be installed. The DRAIN PIPES (7) should be led separately to the drain collector, and should not dip into the water. For draining of pure condensate water, an oil/water separator should be installed: consult Pneumatech.

The electrical cable for the CONTROL VOLTAGE of the solenoid valve (when installed) for the PURGE CONTROL of the PMD-DRYER shall be sized and installed by a qualified electrician according to local regulations.

In case the DHM-DRYER UNIT is installed between compressor and air receiver, the CONTROL VOLTAGE can be wired from the electrical cubicle of the COMPRESSOR.

In other cases the CONTROL VOLTAGE for the solenoid valve has to be wired from the CUSTOMERS INSTALLATION.

For both cases see Instruction Drawing 9827 7304 02.

**Notes:**

1. All pipes should be installed stress-free to the compressor, the inlet filters and the DHM-dryer.
2. For more information concerning air nets, cooling systems, etc. refer to the compressor installation manual.
3. For dimensions and air flow directions refer to the AHB Dimension Drawings.

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1			28/10/2021	User Agent
Ed	Position	Modified from	Date	Intr./Appd.

9827733514-M1	00.00
Parent 3D model	Ed. Version 3D

Tolerances, if not indicated, according to:							
STANDARD CLASS							
Name	DIMENS. INSTALL.		DHM-DRYERS		Confidentiality Class acc. to 1102 K		
Material	NOT APPLICABLE		Internal		INV		
Treatment	Not Applicable		INV		Drawing owner		
Scale 1 : 20.5		Family		A2 Compare		Drawing owner	
Drawn by INEBM		Blank nr.		Replaces		API	
Version Drwg		Blank wt 0 Kg		Fini wt.		Designation	
Des checked.		Prod checked.		Approved.		Date 10/07/2021	
STATUS		Released		9827733514-01		Sheet 1 / 1	