

AIR - KOOL

SAVE MONEY WITH
COLD CALCULATION



SYSTEMATIC

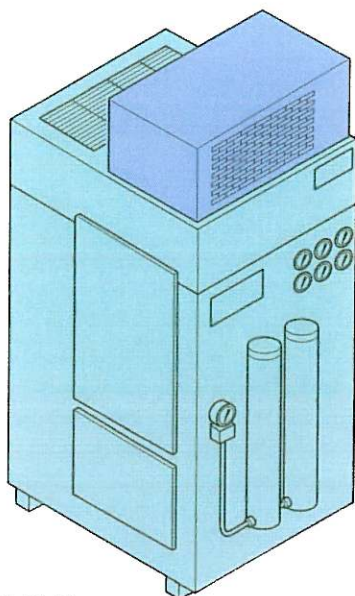
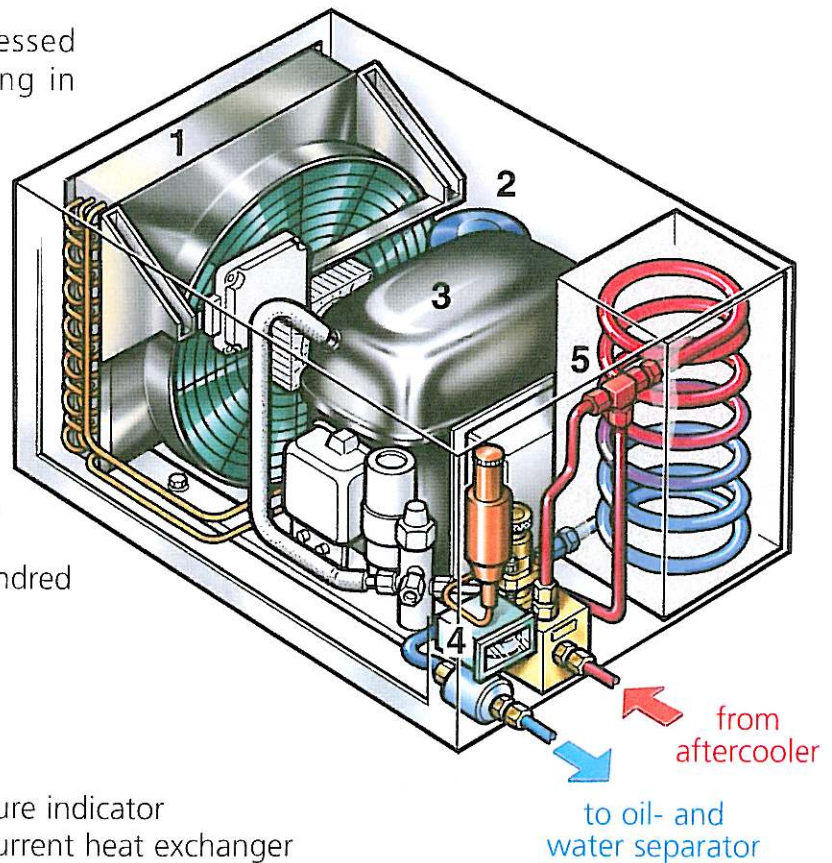
COST REDUCTION

In a closed cooling circuit the compressed air is cooled to $+2^{\circ}\text{C}$ to $+8^{\circ}\text{C}$ resulting in a decrease in the pressure dewpoint.

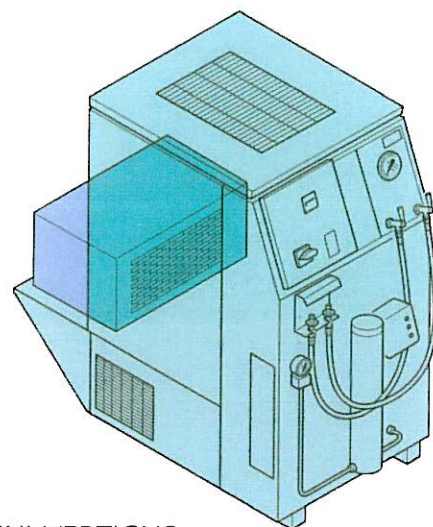
The cooled compressed air is discharged to the compressor's final oil and moisture separator to be dispelled by the automatic drain.

As a result the adsorbent packed filter cartridge is exposed to approximately one sixth of the moisture it would be exposed to without AIR-KOOL.

Filter cartridge life is increased six hundred percent by AIR-KOOL.



VERTICUS III



MINI-VERTICUS

The sound-insulated model ranges are designed for the rigid mounting of AIR-KOOL.

What are the advantages of AIR-KOOL ?

Decreased Costs

The use of AIR-KOOL extends the **lifetime** of the **filter** cartridge **by a factor of six**.

Decreased Labour

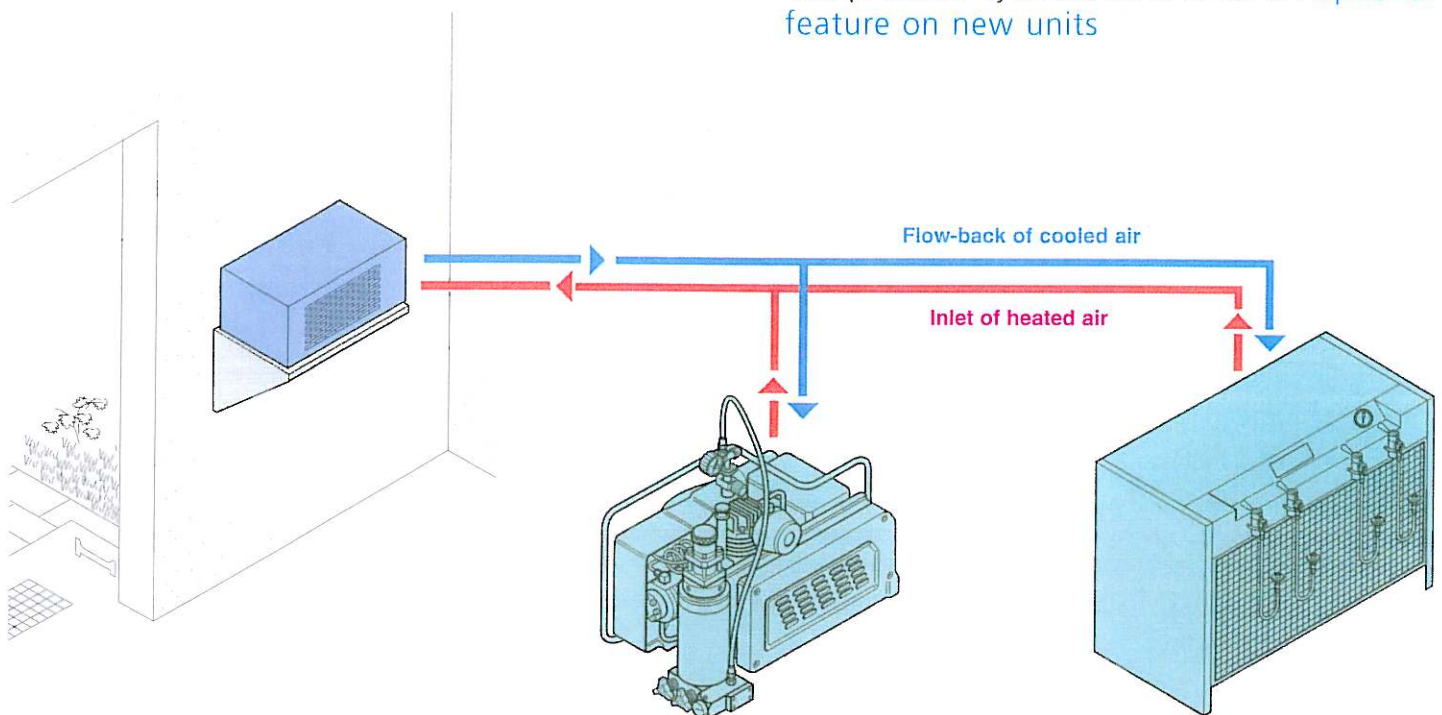
The longer cartridge life extends system maintenance intervals resulting in less down time and increased profits through increased equipment utilization.

Decreased Environmental Impact

Thanks to the AIR-KOOL system there are less used filter cartridges to be disposed of.

Who can use AIR-KOOL ?

AIR-KOOL is available as an **aftermarket add-on** to existing owners of BAUER compression systems as well as an **optional feature on new units**



AIR-KOOL is used as separate unit for all portable units and such with no super silent housing and others.

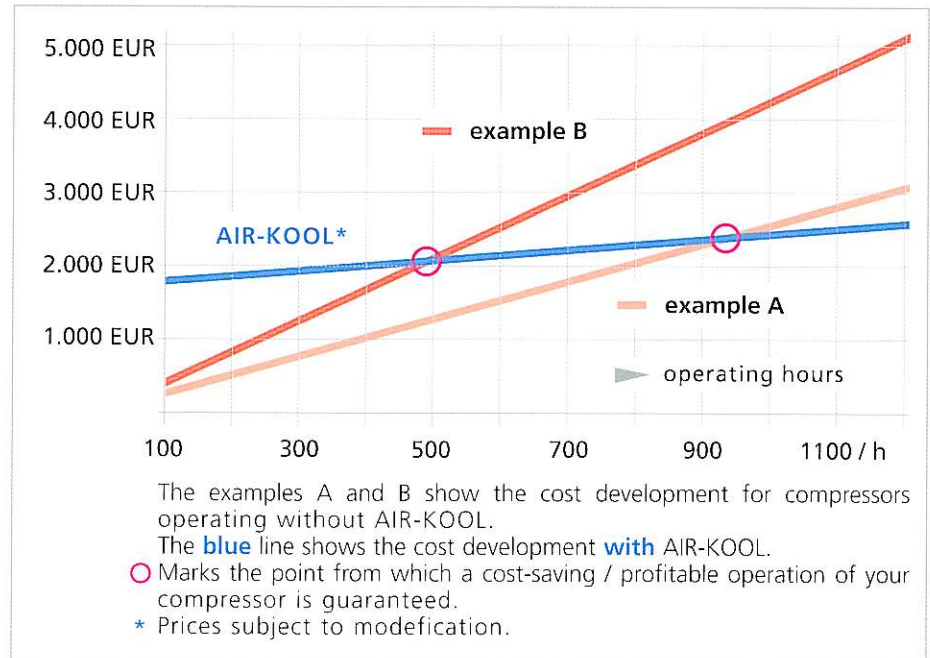
FACTS FOR COOL CALCULATING PERSONS

Calculate yourself!

Two examples show you how much money and time you can save in the long term when using AIR-KOOL :

In both examples the same unit with the following technical data is used:

- VERTICUS V15
- Final pressure 200 bar
- Air supply 440 l/min
- Filter system P 41



example	location of diving school	temp. in filling room in °C	cartridge lifetime without AIR-KOOL	cartridge lifetime with AIR-KOOL	extention of cartridge lifetime	as of..... operating hours profit
A	Central Europe	25°	31	112	3,7 - fach	945 h
B	Tropics	35°	19	112	6,1 - fach	500 h

TECHNICAL DATA

Dimensions (L x B x H):	660 mm x 380 mm x 360 mm
Weight:	46 kg
Pressure range:	120 bar (1740 psig) up to 420 bar (6100 psig) / 500 bar (7250 psig)
Ambient temperature:	+5° C up to + 45° C, indoors only
Air flow:	100 l/min (3,5 scfm) up to 600 l/min (21 scfm)
Power consumption:	0,8 kW
Power supply:	230 V / 50 Hz* 115 V / 60 Hz*

*other voltages require superposed transformer (special accessory) for smooth operation.



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