

6832. 6836. AIR FILTER. COMPLETE PACKAGE



AIR REQUIREMENTS

BREATHING AIR FILTER BAF SHOULD BE CONNECTED ONLY TO A COMPRESSED AIR SYSTEM THAT DELIVERS BREATHING AIR ACCORDING TO THE EUROPEAN NORM EN 12021. WHEN USING THE FILTER IN NON-EU COUNTRIES ALL LOCAL NORMS AND LAWS FOR THE BREATHING AIR SUPPLY HAVE TO BE OBSERVED.

The legislation requires the couplings of breathing air hoses be incompatible with other system nipples, to avoid interconnection of breathing air hoses to systems with unbreathable air.

AIR PRESSURE

Air pressure at the filter intake should not exceed 8.5 bar.

IF THE PRESSURE IN THE FILTER EXCEEDS 8.5BAR, THE AIR SHOULD BE RELEASED BY THE RELIEF VALVE. DO NOT START WORK WITHOUT CHECKING THE RELIEF VALVE ADJUSTMENT. You can adjust air pressure at the filter outlet using the pressure regulator according to your needs.

TEMPERATURE

The temperature of air fed into the filter should not exceed 60°C. Therefore the filter should not be connected to the compressor outlet reservoir directly or near it.

CONDENSATE DRAINAGE

Drain condensate and oil from filter reservoir at least once a day.

When using the filter in a humid climate, or if there is much water or oil in the incoming air, it is necessary to drain the filter reservoir more often.

HOW THE CARTRIDGE WORKS :



Water is removed by vortex action of air in outer cylinder.

Carded cotton (1) removes particulates.

Activated alumina (2) absorbs oil and moisture.

Activated charcoal (3) removes odours and moisture.

Felt material (4) removes more particles.

Carded cotton (5) removes more particles.

Respiratory felt (6) at final stage acts as final filter before air is transferred to operator.