



# Maintenance Schedule of Breathing Air Units

Included at MK	Maintenance Kit (MK)	a1	ab1	a1	abc1	a1	ab1	a1	abc1
	Maintenance and testing works depending on time:	yearly	2 years	3 years	4 years	5 years	6 years	7 years	8 years
	Maintenance and testing work depending on operating hours:	500h	1000 h	1500 h	2000 h	2500 h	3000 h	3500 h	4000 h
a1	Cleaning of separator, drain of condensate collector, check for damages	x	x	x	x	x	x	x	x
a1	Exchange of intake filter	x	x	x	x	x	x	x	x
	Leak test and general visual inspection of unit	x	x	x	x	x	x	x	x
	Terminal clamps to be checked for electric strength	x	x	x	x	x	x	x	x
a1	Exchange of seals and o-rings acc. to maintenance kit	x	x	x	x	x	x	x	x
c1	Exchange of seals and o-rings acc. to maintenance kit				x				x
	Pressure vessel visual control, recording of working hours and load cycles	x	x	x	x	x	x	x	x
	Pressure switches and pressure relief valve settings check	x	x	x	x	x	x	x	x
*	Pressure Relief Valve to be checked, order maintenance kit if necessary	x	x	x	x	x	x	x	x
*	Final separator filter cartridge to be exchanged	x	x	x	x	x	x	x	x
*	Exchange of filter cartridge / molecular sieve	If necessary / Acc. to saturation							
	Functional testing, final inspection, test run	x	x	x	x	x	x	x	x
	Check of v-belt and fan blades	x	x	x	x	x	x	x	x
*	Exchange of v-belt				x				x
a1	Check of piston and sleeve assembly	x		x		x		x	
b1	Exchange of piston and sleeve assembly		x		x		x		x
	Check function of Automatic Condensate Drain	x	x	x	x	x	x	x	x
*	Overhaul of Automatic Condensate Drain (separate kit available!)	x	x	x	x	x	x	x	x
a1 / *	Exchange of oil – filter - cartridge	x	x	x	x	x	x	x	x
	Exchange of oil (every year or acc. to working hours – whatever comes first)		x		x		x		x
	Reporting, test sticker to be attached	x	x	x	x	x	x	x	x
a1	Check of suction- and pressure valves (all stages)	x		x		x		x	
b1	Exchange of suction- and pressure valves (all stages)		x		x		x		x
	Check of Safety Valves (no tests possible → SV have to be exchanged)	x	x	x	x	x	x	x	x
*	Check of temperature sensors				x				x
	Check of intermediate pressures and oil pressure	x	x	x	x	x	x	x	x
c1	Check wearing of cylinders, piston and piston – rings. Replace if necessary				x				x

\*Not included in maintenance kit a/b/c. To be ordered separately