

Atlas Copco airline accessories are specially developed for use with Atlas Copco tools and air motors. All accessories can be used for other applications and pneumatic equipment.

Productivity

By using Atlas Copco's range of airline accessories you ensure that you have a correct airline installation for your tool. This will guarantee the correct air flow to the tool, ensuring that you benefit from its full potential power, and that you reach the correct torque in torque-controlled tools. By using the recommended accessories you will also minimize the service requirements of the tool.

Energy efficiency

With a correct installation you will not only achieve the tool's full potential power, you will also reduce energy costs. All Atlas Copco accessories are designed for minimum pressure drop, which ensures that the compressor is not "working overtime".

Safety

All accessories are designed to meet the highest demands for a safe working environment. Atlas Copco has developed a wide range of safety couplings, balancers, blow protectors and hose reels to meet high standards in terms of workplace safety.

Ergonomic

Operator health and well-being are important factors. Atlas Copco accessories, such as torque arms, balancers, screw presenters and reaction bars, enable you to configure ergonomically correct workstations for your operators.

FILTER – FIL

Water and dirt in your compressed air system will cause extensive corrosion damage and wear.

- **Productivity** – The cyclone system in an Atlas Copco filter generates a centrifugal force that separates the heavier solid water particles to a very high degree. The filter also ensures that dirt in your tool is kept to a minimum. This means longer working cycles for the tools and minimum service time.

REGULATOR – REG

Atlas Copco regulators ensure optimal flow at the specific flow rates required by Atlas Copco tools or any other air tool.

- **Energy efficiency** – By installing a regulator you eliminate unnecessary consumption of compressed air. It will also optimize the performance of your tool, ensure torque accuracy and boost productivity.

LUBRICATOR – DIM

Atlas Copco oil lubricators ensure a long, efficient and trouble-free life for your pneumatic tools and components.

- **Productivity** – The use of a lubricator will increase the power in the vane motor by 10-15%.
- **Energy efficiency** – By using a lubricator you will prolong the lifetime of a vane motor up to three times. The motor will work much more efficiently and with less friction.



Filter – FIL



Regulator – REG



Lubricator – DIM

The MIDI Optimizer is suitable for more than 90% of Atlas Copco tools and is the best choice for assembly tools, percussive tools, drills, nibblers and grinders up to Turbo models.

MIDI Optimizer has a 1/2" NPT connection thread, housing and bowl in high-tech polymer. The bowl has a highly chemical resistant polypropylene insert and is directly screwed to the housing for easy handling.

MIDI Optimizer self-regulating nano-lubricator

Adjusts automatically to the flow demand and ensures that the right amount of oil is supplied to the motor at all flow rates. This minimizes the lubrication needed. The nano oil mist, with a particle size of 200 nm, can be transported by the air stream up to 40 m. This means there is no oil in the hose and direct lubrication is not necessary. The lubricator can be refilled during operation.



Working temperature

-40°F to +140°F at 10 bar
+35°F to +140°F at 10 bar for filters

NOTE: For dry compressed air, ice formation must be avoided.

Operating pressure

Inlet pressure 0-16 bar
Outlet pressure 0.5-8 bar

Standard filter

30 µm

Pressure gauge

1/4" BSP
Included in F/RD and FRD units

Model	Economical air flow cfm	Maximum air flow cfm	Bowl material	Filter condensate drainage	Max condensate capacity fl oz	Max oil capacity fl oz	Weight kg	Ordering No
Filters								
MIDI Optimizer FIL M/S	-	248 ^b	Polymer, plastic insert	Manual/semi auto	2.03	-	0.66	9093 0021 04
MIDI Optimizer FIL A	-	248 ^b	Polymer, plastic insert	Automatic	2.03	-	0.66	9093 0021 03
Regulators								
MIDI Optimizer REG	-	206 ^a	-	-	-	-	0.77	9093 0021 07
MIDI Optimizer REG LP	-	206 ^a	-	-	-	-	0.77	9093 0021 08
Lubricators								
MIDI Optimizer DIM	66	254 ^a	Polymer, plastic insert	-	-	3.04	0.66	9093 0021 11
Filter/regulator								
MIDI Optimizer F/R M/S	-	191 ^a	Polymer, plastic insert	Manual/semi auto	2.03	-	1.10	9093 0021 15
MIDI Optimizer F/R A	-	191 ^a	Polymer, plastic insert	Automatic	2.03	-	1.10	9093 0021 14
Filter/regulator+lubricator								
MIDI Optimizer F/RD A	66	117 ^a	Polymer, plastic insert	Automatic	2.03	3.04	2.20	9093 0021 18
MIDI Optimizer F/RD M/S	66	117 ^a	Polymer, plastic insert	Manual/semi auto	2.03	3.04	2.20	9093 0021 19
Filter+regulator+lubricator								
MIDI Optimizer FRD M/S	66	117 ^a	Polymer, plastic insert	Manual/semi auto	2.03	3.04	2.43	9093 0021 27
MIDI Optimizer FRD A	66	117 ^a	Polymer, plastic insert	Automatic	2.03	3.04	2.43	9093 0021 26

^a at p1=8 bar and p2=6.3 bar and 1 bar pressure drop

^b at p1=8 bar and 1 bar pressure drop

NOTE: at 6 bar and 82 ft/sec flow velocity = economical air flow