



Intelligent Automation

TUVQIPÁ ÁŮ^~{ ææææ äÄŮ^&dæÄŮiæ^ÁŮ•cŮ •

simply the first



Rodless Cylinders
@bYUf; i JXys
9YWFJW5Vh Uhcfs
A chcfğžGearheads
Air Cylinders
DbYi a UhjWJ Uj Yg
: F@žFittingsžHi VY
Vacuum Equipment



The complete world of modern compressed air management

Modern automation technology would not be possible without efficient compressed air treatment. With the comprehensive **airfit** series HOERBIGER-ORIGA is an established leader for compressed air management systems.



airfit covers all requirements between G1/8 and G2. All market requirements are available including standard components, special solutions and fully integrated compressed air management systems.

airfit components are completely modular, enabling highly specialised system solutions for specific applications to be produced, even in the smallest of quantities.

- Stop valves
- Pressure control valves
- Filter water separators
- Oil mist lubricators
- Start/stop valves
- Microfilters
- Activated carbon filters
- Central lubricators
- Injection lubricators
- Prop. pressure regulators
- Comprehensive accessories ... in all connection sizes and with many options



airfit control electric regulators



airfit also available as ATEX version

- with special functions
- with special pressure ranges (up to 45 bar and more)
- with special temperature ranges (-40 to +120° C)
- for special media e.g. oxygen, nitrogen, etc.



Membrane dryer
airfit dry

The innovative membrane technology and especially the patented purge air control makes the membrane dryer **airfit dry**, one of the leading devices of its kind. As an ideal end-of-line solution, it is particularly suited for highly sensitive areas like medical technology, electronics, as well as

mobile pneumatic applications and industrial automation. Exceptional performance is guaranteed, even in the most arduous environmental conditions

- **No electrical connection**
- **No additional sensors or control elements**
- **No wear and tear due to the absence of mechanically moving parts**
- **Practically silent**
- **No alteration of the air composition**
- **Flexible depending on drying purpose**
- **Fast response**
- **Up to 16 bar**



Microfilter MF - filtration efficiency 99.999%. **Active carbon filter MC** - residual oil content 0.003 ppm



Special devices upon customer request: valve maintenance combination unit

airfit light G1/8, G1/4
small, lightweight,
with an intelligent interior



airfit swing G1/8, G1/4, G3/8
the technically and economically
convincing solution



airfit A15 G1/2, G3/4
- for highest operating comfort
- with many individual components



airfit A25 G1 (G3/4)
a full one inch unit for the
harshest environments



airfit airfit A50 G2 (G11/2)
Main line devices for pressurised
lifting gear in the offshore region,
blow moulding machines, etc.



Air preparation units

Series airfit light
G1/8, G1/4

Dimensions

Delivery includes:

Air preparation unit three-piece:

- Filter-water-separator
- Pressure regulating valve
- Oil mist lubricator
- Gauge
- Mounting bracket
- Mounting ring

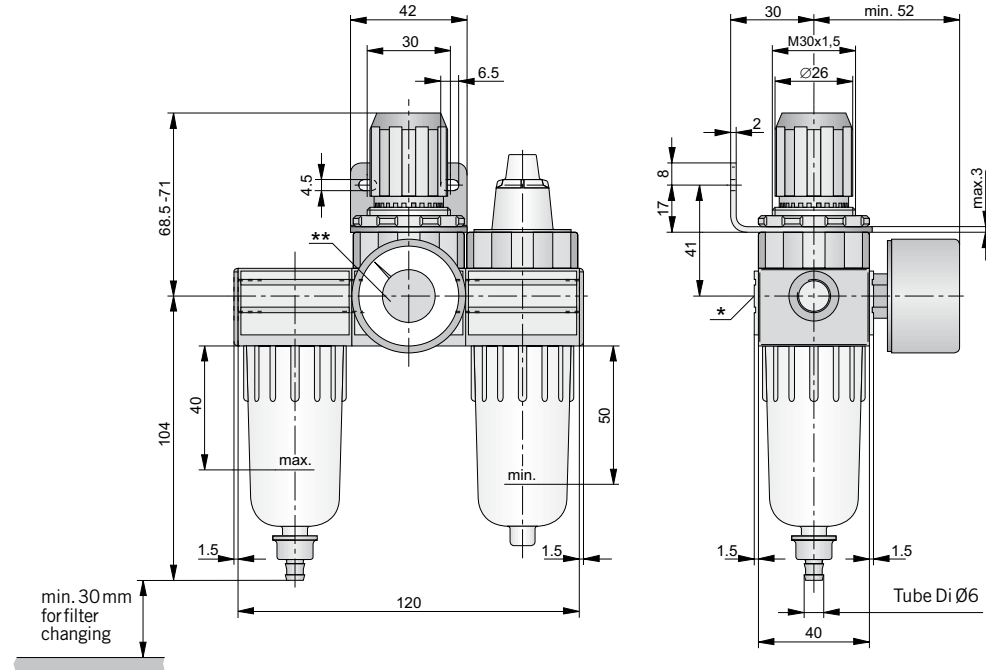
Air preparation unit two-piece:

- Filter-regulator
- Oil mist lubricator
- Gauge
- Mounting bracket
- Mounting ring

Filter-regulator:

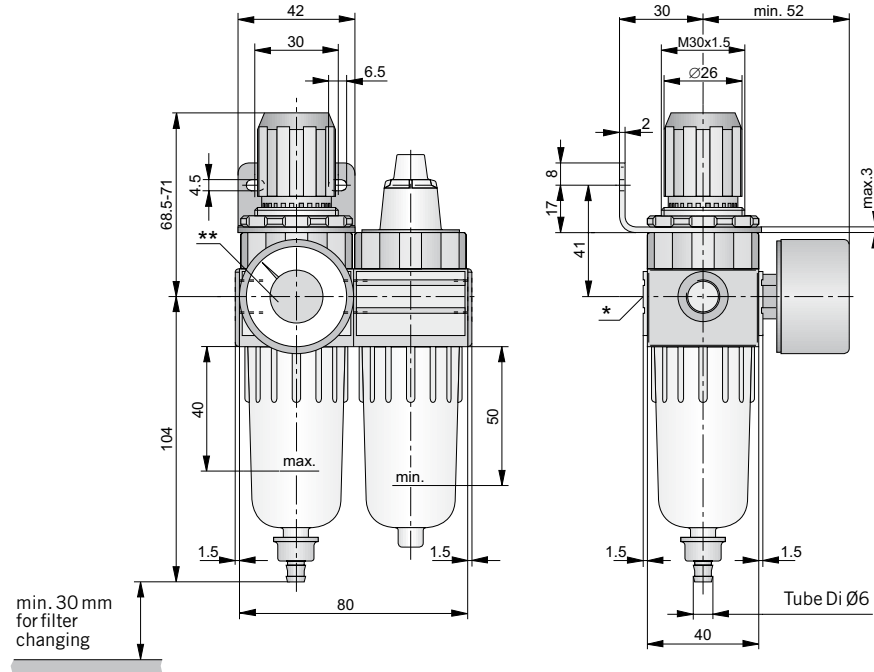
- Mounting ring included
- Pressure regulating valve:
- Mounting ring included

Air preparation unit three-piece – Type: MFRLS-08



- * On delivery the plug screw is not assembled.
- ** Two opposite gauge ports G1/8

Air preparation unit two-piece – Type: MKLS-06, -08

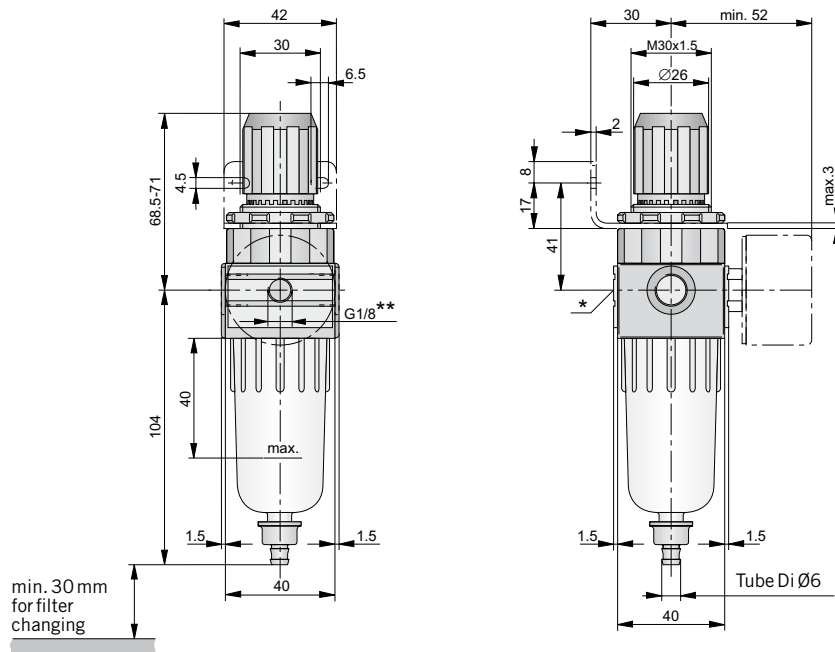


- * On delivery the plug screw is not assembled.
- ** Two opposite gauge ports G1/8

Dimensions in mm

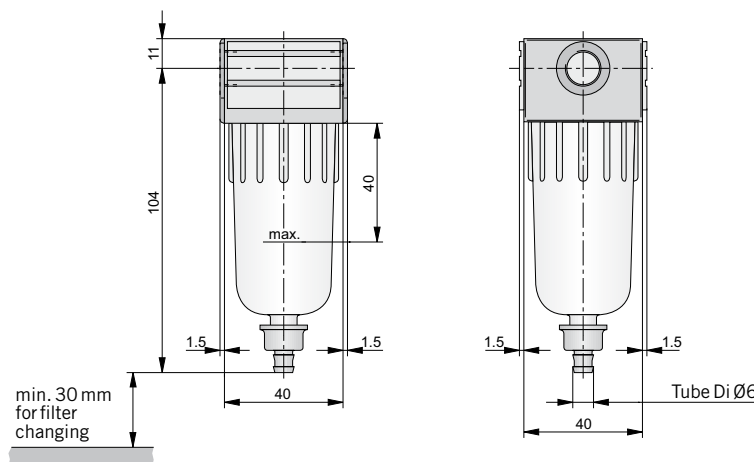


Filter-regulator – Type: MKS-06, -08



- * On delivery the plug screw is not assembled.
- ** Two opposite gauge ports G1/8

Filter-water-separator – Type: MFS-06, -08



Air preparation units

*Series airfit light
G1/8, G1/4*

Dimensions

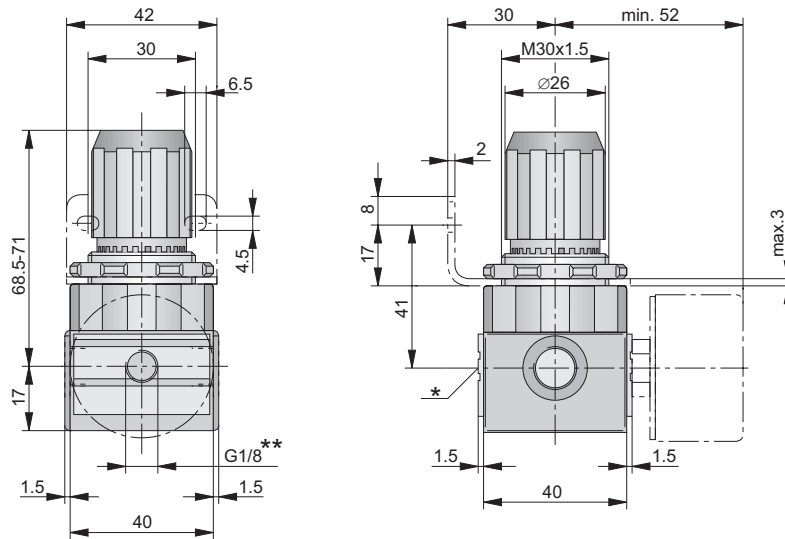


Air preparation units

Pressure regulator – Type: MRP-06, -08

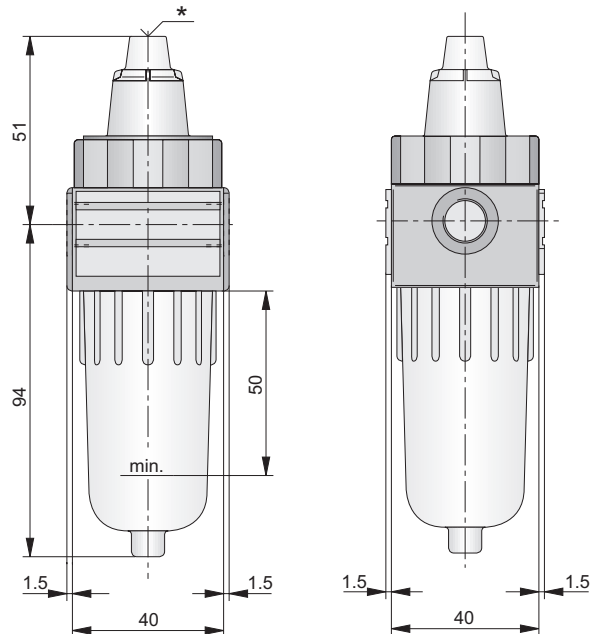
Series airfit light
G1/8, G1/4

Dimensions



- * On delivery the plug screw is not assembled.
- ** Two opposite gauge ports G1/8

Oil mist lubricator – Type: MLS-06, -08



- * Oil adjusting screw

Dimensions in mm



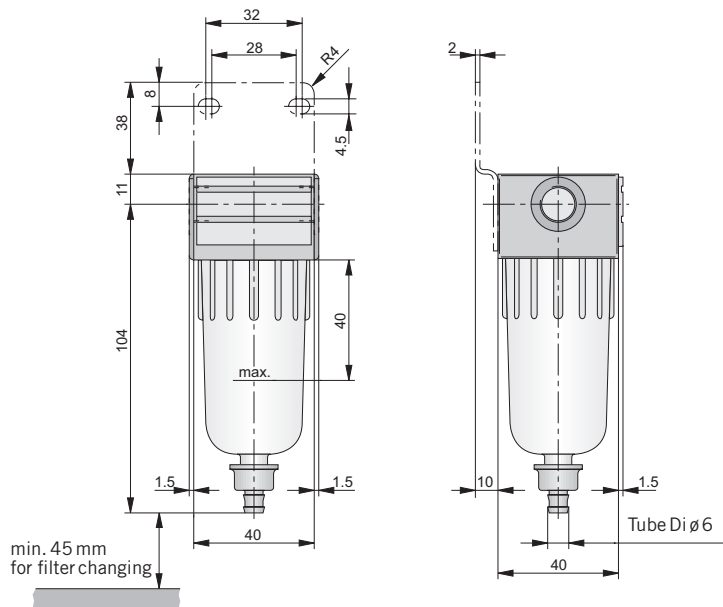
Submicrofilter – Type: MF-06, -08
 Activated carbon filter – Type: MC-06, -08

Air preparation units

Series airfit micro
 G1/8, G1/4

Dimensions

– for series airfit light



Installation procedure

To increase the life span of the filter elements, we recommend the following order.

