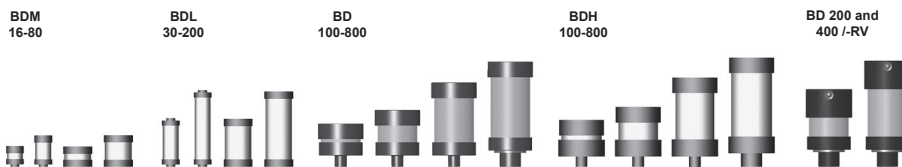




Spare Parts List Breather Dryers BD, BDH, BDL, BDM Up to 2850 l/min



1. MAINTENANCE

1.1 GENERAL

Please follow the maintenance instructions!

1.2 COMMISSIONING

Check that the correct filter cartridge is fitted and remove the seal (see sign).

1.3 TOOLS REQUIRED FOR MAINTENANCE

Type	Tools
BD	None
BDH	None; if applicable a strap wrench

2.1 CHANGING THE ELEMENT BD, BDL, BDM

These breather dryers must be replaced completely; it is not possible to change the element on these filter types, for technical reasons.

BD:

- Rotate and pull filter to remove it from the socket
- Fit new filter

BDL:

- Loosen the screw connection to remove filter from the pipe
- Mount new filter in the pipe

BDM:

- Unscrew cover from the connection socket by turning it anticlockwise
- Screw on new filter

Notice:

Before commissioning, the seal must be removed (see information sign on filter).

2.2 CHANGING THE ELEMENT BDH

- Unscrew filter cartridge anticlockwise and remove from bottom part. Use a strap wrench as required.
- Screw on new filter cartridge.



WARNUNG:
Dichtung vor Betrieb entfernen!

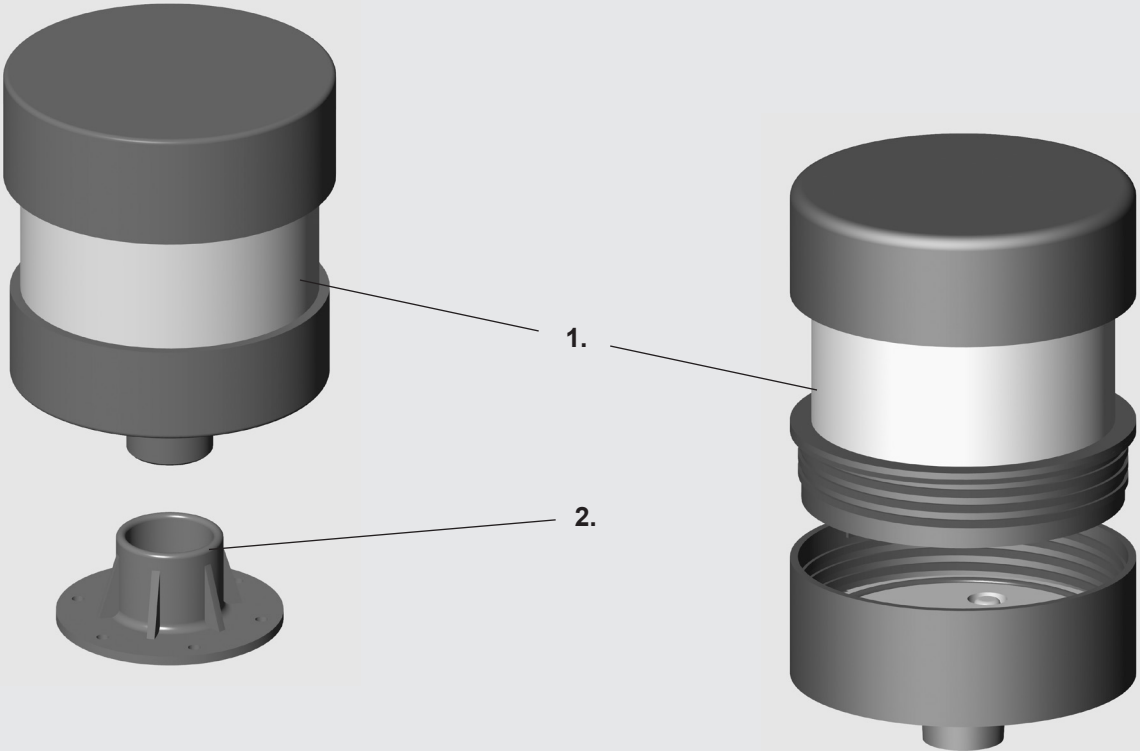
ATTENTION:
Remove sealing before operation!

ATTENTION:
Retirer joint d'étanchéité avant mise en service!



3. SPARE PARTS

3.1 SPARE PARTS DRAWING BD, BDH (Drymicron)



3.2 SPARE PARTS LIST BD, BDH (DRYMICRON)

Item	Description	BD	BDH
1.	Cartridges	Filter assembly	See Point 4. Replacement cartridges
2.	Adapters		
	Bayonet adapter	01275756	–
	Flange adapter	01275357	–
	Threaded adapter (G 3/4)	01275475	–
	Threaded adapter (G 1)	01275476	–
	Threaded adapter (1 1/2-16 UN)	01275477	–
	Bypass adapter	01278016	–

Other spare parts on request

4.REPLACEMENT CARTRIDGES

Type	Model Code	Replacement part number
BDH 400	BDHE 400 X 2 W 0.0	01311741
BDH 800	BDHE 800 X 2 W 0.0	01311742

Please contact us about types BD 100, 200, 400 und 800, BDH 100 and 200, BDM 15, 30, 50, 80 and BDL 30, 50, 60, 200!

5. MAINTENANCE INSTRUCTIONS

5.1 USER INSTRUCTIONS FOR FILTERS



Notice

It is the responsibility of the owner to comply with the water regulations of the country concerned.



Caution

Statutory accident prevention regulations, safety regulations and safety data sheets for fluids must be observed.



Caution

When working on, or in the vicinity of, hydraulic systems, naked flames, spark generation and smoking are forbidden.



Caution

Hydraulic oils and water-polluting fluids must not be allowed to enter the soil or watercourses or sewer systems. Please ensure safe and environmentally friendly disposal of hydraulic oils. The relevant regulations in the country concerned with regard to ground water pollution, used oil and waste must be complied with.



Caution

The maximum storage duration of BDHE cartridges is 2 years!

The following conditions must be provided by the

customer:

- dry storage
- cool storage ($\leq 40\text{ °C}$)
- protection from UV exposure



Not suitable for cleaning with high-pressure cleaner!

Customer Information in respect of Machinery Directive 2006/42/EC

Hydraulic filters are fluid power parts/ components and are therefore excluded from the scope of the Machinery Directive. They do not bear the CE mark.

Before using these components, ensure compliance with the specifications provided by HYDAC Filtertechnik GmbH in this documentation.

The specifications also contain information on the relevant essential health and safety requirements (based on Machinery Directive 2006/42/EC) that are to be applied by the user.

We hereby declare that the filters are intended to be incorporated into machinery within the terms of the Machinery Directive 2006/42/EC.

It is prohibited to put the filters into service until the machinery as a whole is in conformity with the provisions of the Machinery Directive. Furthermore, our Terms of Sale and Delivery are available on our website (www.hydac.com).

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5.2 MAINTENANCE, GENERAL

This section describes maintenance work which must be carried out periodically. The operational safety and life expectancy of the filter, and whether it is ready for use, depend to a large extent on regular and careful maintenance.

5.3 MAINTENANCE MEASURES

- Spare parts must fulfil the technical requirements specified by the manufacturer.
This is always ensured when using original HYDAC spare parts.
- Keep tools, working area and equipment clean.
- After disassembling the filter, clean all parts, check for damage or wear and replace parts if necessary.
- When changing a filter element, a high level of cleanliness must be observed!

5.4 INTERVAL BETWEEN ELEMENT CHANGES

When the filter or cartridge is due to be changed, the colour changes reliably (see sticker on filter/cartridge).

NOTE

The information in this brochure relates to the operating conditions and applications described. For applications or operating conditions not described, please contact the relevant technical department. Subject to technical modifications.