



BOD WATER SEPARATOR

BOD compressed air water removal offers an extremely high performance-Maintenance free

Professional supplier

www.bjbod.com

BOD WATER SEPARATORS



Why choose BOD water separator?

Revolutionary Technology

Cyclone method + Collision Separation Method

Compressed air is normally saturated with moisture in the form of water vapour as well as aerosol, and this needs to be removed to prevent problems further downstream at the point of application. The collision separation method is a kind of technology that provides a constant supply of clean air to pneumatic equipment. By taking advantage of the difference in specify gravity between air and contaminants (water droplets, oil, dirt, etc), the water separator uses collision and centrifugal force techniques to continually eliminate 99.9% of any moisture, just by its design.

Advantages

- Guaranteed 99.9% liquid water removal
- Particulate removal to 1 micron
- No increase in pressure drop caused by blocked filters
- No requirement for replacement filter cartridges
- Need no electricity and maintenance free
- Complete with wall bracket and drain valve





3/4" Water Separator

The split type design is convenient to disassemble the auto-drain part from the water separator.

Benefits

Maintenance free with auto-drain

Maximum Operating Pressure: 16 bar

Particle removal: 1 micron

Material (housing): Aluminium Alloy

• Drain Connection: 1/2"

Part No.	Inlet/Outlet	Flow Rate	Water Storage	
BOD600SJ	3/4"	900l/min/31.8cfm	280cc	
BOD900SJ	3/4"	1350l/min/47.7cfm	290cc	



3/4" Water Separator

The built-in auto-drain has a clean look and designed to remove all contaminants from the water separator automatically

Benefits

Maintenance free with built-in auto-drain

Maximum Operating Pressure: 10 bar

· Particle removal: 1 micron

Material (housing): Aluminium Alloy

Part No.	Inlet/Outlet	Flow Rate	Water Storage
BOD600SYT	3/4"	900l/min/31.8cfm	280cc
BOD900SYT	3/4"	1350l/min/47.7cfm	290cc



Compressed Air Filter

Differential pressure gauge and auto-drain are available It works better when use with BOD water separtator together.

• Maximum Operating Pressure: 16 bar

• Particle removal: 0.01 micron

Material (housing): Aluminium Alloy

• Drain Connection: 1/2"

	Filter model	Connection size	Filter size		Flow	Replacement filter element	
	C,T,A,F,H	G	Amm	Bmm	Cmm	Nm³/min	model
	YF-*-007	3/8"、1/2"	75	165	195	0. 7	MS-007*
	YF-*-015	1/2"、3/4"	100	200	235	1. 5	MS-015*
	YF-*-025	3/4"、1"	100	240	275	2. 5	MS-025*
	YF-*-038	1"、1-1/2"	125	290	335	3. 8	MS-038*
	YF-*-060	1-1/2"	125	420	465	6. 0	MS-060*
_	YF-*-085	1-1/2"	125	420	465	8. 5	MS-085*
	YF-*-120	2"	155	510	570	12. 3	MS-120*
	YF-*-150	2"	155	550	610	15. 2	MS-150*
	YF-*-200	2"、2-1/2"	180	610	670	20. 0	MS-200*
	YF-*-250	2"、2-1/2"	180	670	730	25. 0	MS-250*
d	YF-*-300	2-1/2"、3"	210	610	685	30. 5	MS-300*
	YF-*-400	3"	210	800	875	40. 2	MS-400*

Note: *indicates the filter accuracy level, standard manual drain valve,working pressure 1.6 Mpa, working temperature 1.5~80°C

Class A

Efficient oil removal and filtration(coagulation type)
Filter out particles (water and oil mist):≥0.01µm

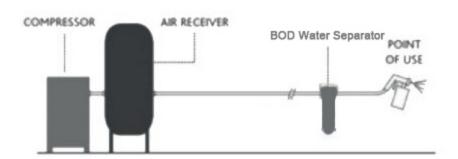
Oil content:≤0.01ppm

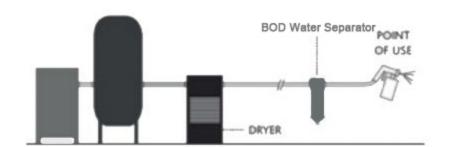
Installation and Usage Instruction

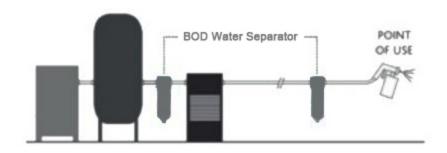
- Please install vertically.
- Please install before the various terminal equipment for the best effect
- At the installation, please keep the piping distance with the compressor as long as possible (about 20m or more).
- If there is no dryer in front of the terminal equipment, put the gas pipe of about 15-20m into the cold water bucket, which can be effectively cooled.
- Please confirm the inlet and outlet of the water separator and install it.

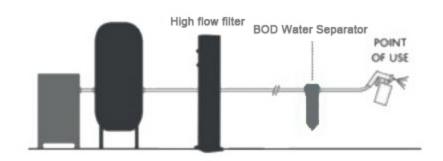
Installation Options

- A Installed as a "point of use" filter/ liquid water separator where there is no existing provision.
- Installed as a supplementary filter/ liquid water separator where a dryer is already installed but liquid water is still evident.
- Installed as a cost effective alternative to existing water separators/coalescing filters as a single unit upstream of the existing dryer at 'point of use' or both
- For high fow applications install High flow filter to remove the bulk contamination and a compact unit at point of use as a final polisher.









Beijing BOD Technology Co.,Ltd

Beijing BOD was established in 2011 in Beijing.With more than ten years of experience we supply professional solutions to the factories and dealers of CNC machine tools and testing equipment all over the world. Our main products are Lathe workholding and accessories such as spring collets, rubber-flex collets, ER collets, guide bushings and extension rods etc. Compressed air treatment products, Briquette machine, Tank cleaning machine. We also supply custom machining services for small precision work-pieces which are widely used in aerospace, automotive, machinery, medical industry and other areas.

We offer our services around machining and the machining environment. Our products help end users improve production efficiency, workers' working scenarios and labor intensity, simplify the production and make the workshop environment energy-saving and environmental protection, so that the return on investment of end users and their investors can be quickly realized.

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