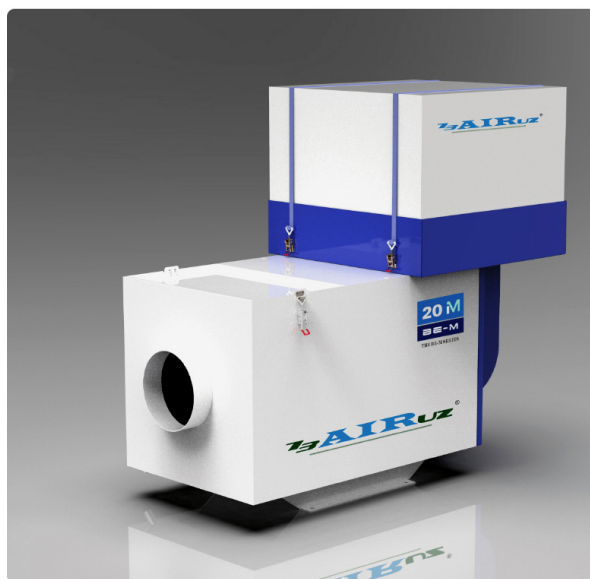


BE-MS SERIES

Gas-Liquid Separation Technology & Enhanced Performance

Oil mist Collector For Mist Pollution

- Employs advanced gas-liquid separation technologies combined with enhanced filtration techniques, resulting in superior performance and reliability compared to traditional products.



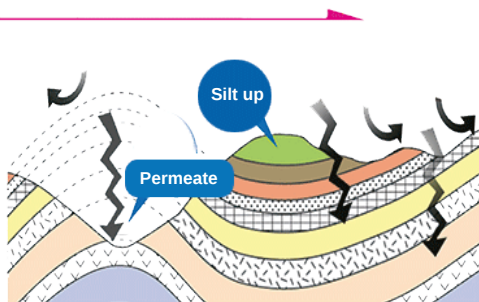
Significant energy saving, under similar air volume, the energy saving is **2-3** times of some models in the market.

Why it's better ?

● Technical Comparison

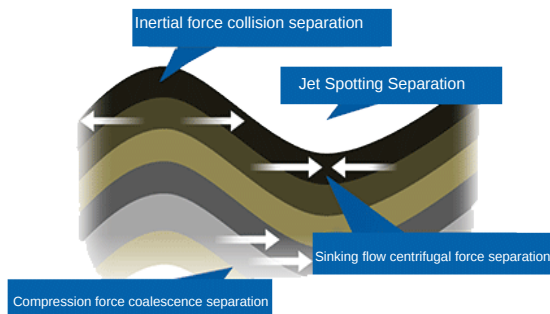
Intercept

Conventional type,
because of blocking setup with material
Gradual increase in air flow resistance



Clear the way

BE series,
because of gas-liquid separation technology
Little change in air flow resistance



We continuously strive to explore and develop gas-liquid separation technologies to ensure optimal performance.

Model			BE-10MS	BE-20MS	BE-30MS	BE-40MS	BE-65MS
Power Supply			200/220/380/460 V, 3-Phase, 50Hz				
Output	kW		0.25	0.37	0.75	1.1	2.2
	HP		1/3	1/2	1	1.5	3
Max. Airflow 50Hz	m³/min		10	20	30	40	65
	cfm		353	706	1059	1412	2295
Noise Level (dBA)			Less than 70 ± 2 dBA				
Max static pressure (kPa/PSI)			1.6/0.23				
Collection Method			Gas-liquid separation+Auxiliary Filtration				
Collection Efficiency (%)			99.99% (soluble oil mist of 0.3 µm or larger)				
Objects for Collection			Cutting oil mist and cutting fluid mist				
Max Inlet Concentration (mg/m³)			40				
Recommended Breakers (A) 3-Phase, 380V/50Hz			1.2	1.8	3.7	5.3	10
Suction Port Diameter	mm		φ148	φ178	φ198	φ248	φ298
	in		φ5.8	φ7.0	φ7.8	φ9.8	φ11.7
Outside diameter of Oil drain pipe			19 mm / 0.75 inch (BE-10/20ms) 21 mm / 0.82 inch (BE-30/40/65ms)				
Dimensions	mm	L-W	925-448	1000-485	1100-618	1430-550	1630-618
		H	855	905	930	1000	1078
	in	L-W	37-17	39-19	43-24	56-21	64-24
		H	33	35	36	39	42
Weight	kg		58	68.5	82.5	107	150
	lb		128	150	182	235	330
Vibration-suppression Function			Rubber vibration isolator (4 per machine)				

Safe and Reliable

The mechanical operation principle eliminates secondary pollution and avoids the use of high-voltage ionization.

Durable and Low Maintenance

Some models require maintenance only once every 1-2 years.

High Collection Efficiency

Many models achieve a particle collection efficiency of up to 99.99% at 0.3 microns.

Energy Savings

Thanks to the gas-liquid separation technology, airflow resistance is generally low, leading to significant energy savings.

Please do not hesitate to contact us if you have any questions as the product parameters are subject to change due to technical suitability.

For more information about our products, please visit bairuz.com or send us an email at rz@w-wbw.com with your request.

