

Robust AirTM



AUTO DRAIN VALVES





INTRODUCTION

Since its establishment in 2012, Robust Air has been a prominent supplier of air and gas solutions throughout India. Specializing in turnkey supply of Air and Gas equipment, we are committed to engineering excellence and customer satisfaction. Our expertise lies in designing and implementing on-site systems for the continuous supply of high-purity gases and compressed air.

At Robust Air, quality is our top priority. We meticulously select the finest quality components for our products, ensuring superior performance and reliability. Leveraging our manufacturing facilities in India, we offer cost-effective solutions without compromising on quality.

Trusted by reputed companies nationwide, Robust Air has earned a reputation for reliability and innovation in the industry. Our focus on customer satisfaction and our track record of delivering innovative solutions have contributed to our success.

Moving forward, we remain dedicated to innovation and excellence, continuously striving to meet the evolving needs of our customers. With our unwavering commitment to quality and customer satisfaction, Robust Air is poised to maintain its position as a leader in the air and gas solutions industry.

Robust AirTM

AUTO DRAIN VALVES

Crafted from a high-grade aluminum alloy material, the body of our Auto Drain boasts exceptional strength and tightness. Its surface is coated with a solidifying spray, providing robust corrosion resistance against synthetic lubricants. Designed for simplicity, the installation process is straightforward, ensuring ease of use without compressed air loss. Operating noiselessly, this drainer guarantees a safe and efficient drainage system.

To maintain optimal performance, we recommend cleaning the drain body inside regularly, ideally on a weekly basis. This simple maintenance routine ensures improved drainage and reduces the risk of blockages.

With an innovative free-floating ball automatic drainage design, our product operates without the need for electricity consumption. This eco-friendly feature not only promotes safety but also reduces carbon footprint, aligning with our commitment to sustainability. By eliminating the need for electricity, our Auto Drain provides cost-saving benefits for our customers, making it a reliable and efficient solution for various applications.



RAHAD10B



RAHAD20B



RAHAD30B

WORKING PRINCIPLE

Our drainer features a unique floating ball drainage system, offering efficient and reliable water drainage. When the buoyancy of the water inside the drainer is less than the weight of the floating ball, the compressed air pressure drainage device remains closed. As the buoyancy and pressure reach equilibrium, the drainer begins to drip water.

Conversely, when the buoyancy exceeds the weight of the floating ball and the resulting pressure, the drain opens, allowing water to flow out. This cyclic operation, based on buoyancy, ensures continuous and effective drainage.

With this innovative design, our drainer provides automatic and hassle-free water drainage, optimizing system performance and minimizing downtime. Its precision-engineered mechanism guarantees smooth operation, making it an ideal choice for various industrial applications.

MODEL NO.	INLET	OUTLET	Starting Value of liquid emission	Max Liquid Discharge Capacity	DIMENSIONS		
					WIDTH	LENGTH	HEIGHT
RAHAD10B	RC 1/2"	Ø 6	22 ml	84 L/H	79	-	112
RAHAD20B	RC 1/2"	RC 1/2"	72-75 ml	400 L/H	-	134	125
RAHAD30B	RC 1/2"	RC 1/2"	91-93 ml	800 L/H	125	172	180

BENFITS OF Robust Air DRAIN

- **Save Compressed Air:** Our Auto Drain efficiently preserves compressed air, ensuring minimal waste and maximizing energy efficiency.
- **Effective Condensate Discharge:** Experience reliable condensate removal, preventing potential damage to downstream equipment and maintaining system integrity.
- **Protect Downstream Equipment:** Safeguard your equipment from the harmful effects of condensate buildup, promoting longevity and reliability in operation.

THANK YOU

At ROBUST AIR, a proud brand of K.B. Polytech Pvt. Ltd., we are dedicated to engineering excellence and customer satisfaction. As leading manufacturers, suppliers, and dealers, we specialize in providing premium quality products and comprehensive solutions for all your compressed air needs. From our industry-renowned Compressed Air Aluminium Piping to advanced Desiccants/Heatless Dryers, PSA Nitrogen/Oxygen Plants, and Reciprocating Compressors, each product embodies our commitment to innovation and quality. Additionally, our offerings include Air Receivers, Line Filters, PU Fittings, and Auto Drain Valves, meticulously designed to integrate seamlessly into your operations. Backed by a skilled team and a dedication to exceeding expectations, ROBUST AIR is poised to optimize system performance, enhance productivity, and improve operational efficiency. Experience the ROBUST AIR difference today and elevate your compressed air solutions to new heights of excellence.

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