



Screw air compressor drain valve

How do air compressor drain valves work?

That's where a dependable air compressor drain valve steps in. These little workhorses are designed to let you easily drain out built-up water, oil, and gunk from your compressor tank, which helps prevent rust and keeps your equipment running smooth for the long haul.

Where should you install drain valves in a compressed air system?

Install drain valves after separators, dryers, filters, and aftercoolers to collect and remove water from your air line. They're excellent for compressed air systems with high oil content because they resist clogging when water, oil, and sediment combine to form sludge.

What size air compressor drain valve do I Need?

Air compressor drain valves come in a variety of shapes and sizes, but most folks find the standard 1/4 npt drain valve fits the bill for most home and farm compressors. If you've ever had to wrestle with a stuck or leaky drain, you know the value of a good fit and easy operation.

Why do you need an air compressor drain valve?

The right air compressor drain valve makes the job quick and clean, letting you get back to the work that matters--whether that's fixing up a fence, tinkering with engines, or helping a neighbor with a project. With a sturdy, reliable drain valve in place, you can count on your compressor to fire up strong every time, season after season.

How do air compressor drain valves save energy?

Save energy by minimizing the loss of compressed air. Unlike other drain valves, these only open when they're full and close before the reservoir is completely empty, so no air escapes from the system. Install them at low points in your air line after separators, dryers, filters, and aftercoolers.

Do you need a drain valve for a DeWalt air compressor?

To make daily maintenance tasks easy to perform, install the DEWALT Extended Tank Drain Valve Assembly. The key to a long lasting air compressor is regular maintenance. Each time your compressor runs, the moisture in the air condenses in the tank. This moisture must be drained daily from the tank to prevent water buildup.

Techno ADF-695 Auto Drain Valve, SS 304, with Adjustable Timer, strainer, 1/2 inch for Air Compressor, Air Dryer, Air receiver Tank, 230VAC 1 INR2,615 M.R.P: INR6,252

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These air tank valves are suitable for discharging air, water, moisture and oil from the compressors. [Application] ---- 1/4MNPT to ...

The Bo stich BTFP72327 Ball Type Drain Valve is ideal for replacing air compressor drain cocks. It is designed with high quality, O-ring free construction for long, ...

Drain Valves Our line of drain valves for compressed air include Electric Drain Valves, Manual Drain Valves, Ball Valves and Pneumatic Drain Valves. Compressor Shop offers compressed ...

About This Product Expand your compressed air piping system (DXCM024-0400) with the DEWALT 3/8 in. NPT Drain Valve (DXCM072-0035). The stainless ...

Auto Drain Trap, G1/2in Inlet 8mm Outle Pneumatic Screw Air Compressor in Line Water Filter Trap Separator Automatic Drainer Valve, ...

To drain water from an air compressor, release the drain valve at the tank's bottom. Regularly maintain your air compressor to ensure optimal performance. Draining water ...

A compressor drain is usually located in an inconvenient place, and the threaded ones usually rust (Probably something to do with the water) so they wind up being hard to ...

A properly operating drain cock valve helps keep air tanks drained of accumulated moisture to slow the development of rust, which eventually can perforate an air tank and ...

SUNROAD Air Compressor Valve Brass Drain Cock Ball Valve 1/4" NPT Male Thread Air Compressor Accessories 2pcs with Thread Seal Tape with Plastic Case 500+ bought in past ...

With a discharge capacity of more than four gallons per minute, these drain valves can handle large compressed air systems. When your compressor turns off, it creates back pressure that ...

About this item [Product Type] ---- SUNROAD Ball Type Drain Valve (1/4" NPT Male), Used to Replace the air compressor Drain Cock, Knurled screw valve, Wing style drain ...

Removes virtually all common compressor lubricants (mineral & synthetics). We offer 5 different options for business financing to help you grow and to meet the business goals. We'll help you ...

20 HP Rotary Screw Air Compressor. Refrigerated Air Dryer, Tank, Filters and Automatic Drainers. 10-year Warranty with Free parts and service guidance.

Over the years, I repaired and troubleshooted hundreds of rotary screw air compressors. In these troubleshooting "basics" series I explain the most common problems and their solutions. You ...



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That's how the air compressors at my old job were ran. They just used a piece of scrap air house and routed it outside the shed. The filter drier failed and that ...

The key function of the air compressor drain valve is to let the water vapor collected in the air compressor discharge to the atmosphere. The removal of condensate helps prevent the ...

Air compressor drain valve, 1/4" NPT. Keep your tank from rusting. Replace this if leaking or will not work. Our site is easy to shop with ...

Compressor valves directly affect the efficiency, safety, and the functionality of the screw air compressor. Let us understand some of the commonly available valves in a screw ...

Features: --- 1/2" MNPT --- Teflon Disk Seal --- Knurled Thumb Screw For Grip --- Drain Opens Easily With Just Your Finger Tips --- All of our products are guaranteed brand ...

Air Compressor Drain Valve - Male NPT Brass 1/4 Air Valve, Rust Resistant, Long-Lasting, Ergonomic Handle and Easy to Install, Suitable for Water Tanks, Air Tanks, and Compressors ...

Frequency of Draining The frequency of draining your air compressor depends on several factors, including the type of compressor, operating environment, and usage patterns. ...

Keep your air compressor working smoothly with high-quality drain valves from Tractor Supply Company. Shop now for durable and reliable air compressor accessories.

Figure 1: Float-activated automatic drain valve An air compressor automatic drain valve is designed to periodically remove accumulated ...

The process to drain water from an air compressor involves turning off the compressor and releasing the air pressure from the tank. ...

Timer-Controlled Automatic Drain Valves for Air Compressor, Line Filters and Air Dryers Electronic timer controlled drain valves are traditionally considered less likely to foul, but less ...

Published: 11/03/2025 Air Compressor Drain Valves: Automatic Vs Manual For an air compressor to function efficiently, a properly operated drain valve is ...



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