

Masport Manways



Each Masport Manway incorporates a one piece, low profile flanged dome lid design to eliminate possible leaks found in two piece lid designs. The cut resistant nitrile gasket keeps materials from collecting in the retaining seat.

The one piece, wide flange lid closure bracket provides even load distribution among closure points, providing a tight lid seal.

Durable ductile iron wing nuts, with captive wear washer, are zinc plated for corrosion resistance and have a wider span to easily hand tighten or loosen. A stepped shoulder design on the wing nut provides a positive lock into the lid closure bracket for superior lid to weld collar alignment and safety. All weld collars are constructed of 1/4" thick hot rolled steel for longer life. Each Masport Manway is rated for 15 PSI working pressure and expertly mig welded in close tolerance fixtures for consistent high quality.

Pre-Filter



By capturing particles that could damage the vacuum/pressure pump, the Pre-Filter is designed to extend your system's life and performance. Each Pre-Filter is equipped with a stainless steel clamp, which allows the lid to be removed quickly and easily, independently of the shut-off cage.

The unique design features a lower profile and a 300-micron pleated stainless steel element. The unit is primed and coated for superior durability and cleanability. A Pre-Filter is a must in any system to prevent contamination by foreign particles of the vacuum pump. The Pre-Filter comes in 1 1/2", 3" and 4" BSP sizes.

Oil Separator



Masport's Oil Separator is designed to capture exhaust oil thus eliminating mess and clean up. It is designed to be combined with a silencer to provide a clean and smooth operation. The Oil Separator is made of precision-welded steel, pressure tested to ensure air-tightness, and primer coated and painted for superior rust protection. The Masport Oil Separator is available in a variety of porting sizes (1 1/2", 2", 2 1/2" and 3" BSP) and comes with heavy duty mounting brackets for ease of installation.

Silencer



Engineered for superior noise reduction and maximum unrestricted airflow, the Masport Silencer ensures a quieter operation under the most challenging field conditions. Thanks to its minimal backpressure, the Silencer prevents pump overheating thus increase pump life. The silencer is made of precision-welded steel, pressure tested to ensure air tightness. Primer coated and painted for superior rust protection. It is versatile thanks to the variety of porting sizes (2 1/2", 3" BSP) and the heavy duty mounting brackets for easy installation. Designed by Masport's vacuum pump specialists, the silencer adds performance to any vacuum pump system.

Low Profile Primary Shut-Off Traps



The Masport Low Profile Primary Shut-Off Trap provides initial vacuum pump protection against contamination and damage from material carry over. Quality construction with quick release lid and independent shut-off float cage assembly makes inspection convenient and fast.

Chemical and corrosion resistant viton float seat, positive O-ring lid seals, stainless steel float ball and heavy wall steel cage allow for superior durability.

The non-restrictive, full flow shut-off trap is sized to prevent early float ball activation. Our three sizes will match any vacuum pump with an airflow of 20 to 400 CFM.



Exhaust Interceptor

Masport's Exhaust Interceptor is designed to capture smoke, reduce noise and eliminate oil carry over. It was developed to provide an environmentally clean exhaust by filtering out particles suspended in the smoke and collecting the oil at the bottom of the canister. The Exhaust Interceptor is made of precision welded steel. A valve at the bottom of the reservoir allows for convenient draining.

This unit should be used in conjunction with the Masport Oil Separator.



Super Scrubber-Moisture Traps

The cyclone design of the Masport Super Scrubber-Moisture Trap is very efficient in reducing vacuum pump wear and in the event materials escape the primary shut-off trap. Masport's exclusive design provides superior vacuum pump protection under a wide range of operations.

Each Super Scrubber is equipped with a stainless steel clamp which allows the canister top to be removed in seconds, while the bottom canister and hose remain in place.

Standard BSP fittings simplify installation and provide an air tight connection to any 20 to 400 CFM vacuum pump. Every Super Scrubber is pressure tested for air tightness.

Each one is primed, painted and fitted with easy-mounting brackets.

Pressure Relief Valves

They protect your system by limiting pressure to a preset level. Each industrial quality pressure relief valve is factory set to fully open automatically, ASME coded and non-adjustable for the most accurate operation. Standard male NPT sizes with a pressure range of 5 to 35 PSI are available.

Remote 4-Way Valves

They are ideal when pressure/vacuum operation is required from a pump not equipped with an integral 4-way valve. Offered in female NPT sizes of 2" to 6", these cast iron, full-flow ported valves provide unrestricted airflow with minimum air leakage for maximum performance.

Liquid Filled Gauges

Masport Liquid Filled Gauges provide accurate measurements that allow system monitoring. They incorporate a rustproof and shock resistant nylon case and liquid filling to dampen needle vibration. Select from vacuum only or compound vacuum and pressure gauges in several sizes.

Vacuum Relief Valves

Extend vacuum pump life with a Masport Vacuum Relief Valve. During operation, the vacuum relief valve will open at the preset level allowing cool air into the pump, greatly reducing the risk of overheating during hard jobs or when airflow is prevented by the pump protection system. Each solid brass valve is adjustable from 15" to 27" Hg vacuum.