

The Marco 400 CFM Air Dryer removes up to 99% of moisture, oil, and other debris commonly found in compressed air. Dry air eliminates wet abrasive that leads to clogged metering valves and excessive equipment wear, air motor freeze-up, and contamination of coatings. Removing moisture from the compressed air is a three-stage process. The first stage passes the compressed air through a heat exchanging aftercooler, lowering the temperature of the air. This brings the air closer to the dew point temperature and allows condensation to occur. The second stage maximizes the dwell time by forcing the air to rapidly expand in to the pressure tank. This action releases additional energy in the form of heat, further cooling the air. In the third stage, the air passes through moisture-absorbing desiccant tablets, removing water vapor suspended in the compressed air. Combining these three actions into a design that provides the maximum dwell time, the Marco 400 CFM Air Dryer out performs other passive air tanks or stand-alone aftercoolers! Typical applications include blast rooms, blast yards, bridges, oil refineries, pipelines, shipyards, and storage tanks.

INCREASED DRYING CAPACITY

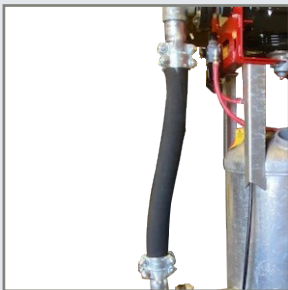
The Marco 400 CFM Air Dryer removes more water vapor than standard aftercoolers, passing cooled and compressed air through desiccant tablets to absorb water vapor, converting it to a liquid solution that can be drained from the vessel.

REDUCED DOWNTIME

Dry air is critical when using moisture sensitive abrasives, such as steel shot, steel grit, and fine mesh abrasives. Wet abrasive clogs abrasive metering valves and nozzles, leading to excessive wear, resulting in costly downtime.

COMMITMENT TO QUALITY

Our commitment to producing the highest quality products in the industry demands strict control over our raw materials and manufacturing processes. All components used in the manufacturing of Marco products adhere to strict process controls as specified by Allredi's Quality and Engineering team.



Maintenance of the steel-reinforced flexible transfer hose assembly can be performed quickly in the field using commonly available parts, reducing downtime and repair costs.



The coalescing tank is galvanized using a full-immersion, hot-dip process, completely covering the interior and exterior surfaces, providing extended protection against corrosion and rust.



The Marco 400 CFM Air Dryer includes a fork-pocket skid for increased mobility.



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KEY FEATURES:

- Coalescing tank galvanized inside and out
- Field-serviceable transfer hose assembly
- Pneumatic (4 HP) or electric (5 HP) motor
- Aftercooler core constructed with corrosion-resistant aluminum
- Spherical tower packing
- Inlet filter with 3" port
- Outlet filter with one 3" port and two 1" ports

Empty weight: 900 lbs.

Height: 83"

Width: 72"

Depth: 35"

OPTIONAL ACCESSORIES

Air Hose Fittings & Ball Valves



Air hose fittings are available in 2 Lug, 4 Lug and Hammer Lock styles. Ball Valves are available in 1/4" I.D. – 4" I.D.

Coupled Air Hose



Additional air hose, air hose couplings, and air hose assemblies are available.

Whip Check Safety Cables



A Whip Check at each hose connection can prevent serious injury due to hose or coupling failure and meets OSHA requirements. (29 CFR 1926.302)

Desiccant



Allredi offers desiccant in 50 lbs. bags or pails, and 506 lbs. drums, and 2000 lbs. bulk bags.



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