



**AMFEC**

AMERICAN FOOD EQUIPMENT COMPANY

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**SUPPLEMENTAL**

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**AIR PUMP**



# AIR PUMP



Air pumps are a vital component in industries where the sanitary and gentle transfer of products is essential. These pumps are specifically designed to handle products that are sensitive to mechanical agitation or contamination. The air pump operates by using a combination of vacuum and air pressure to move the product through the system, ensuring a smooth and consistent flow without compromising the integrity of the material.

## ADVANTAGES

One of the key advantages of air pumps is their ability to maintain product definition. In processes where the shape, texture, or composition of a product is critical. Air pumps achieve this by minimizing shear forces and mechanical stress that can occur with other types of pumps. This gentle handling ensures that delicate products retain their desired properties, which is crucial for both quality control and consumer satisfaction.

## CLEANING & SANITIZING

Air pumps are designed with hygiene in mind, featuring materials and construction techniques that comply with strict sanitary standards. This is particularly important in applications involving consumable or sensitive products, where contamination must be avoided at all costs. The design includes easy-to-clean surfaces and minimal crevices where bacteria could harbor, supporting both product safety and ease of maintenance.

Overall, air pumps provide an efficient and reliable solution for the transfer of delicate products, balancing the need for gentle handling with stringent sanitary requirements.

## STANDARD OPTIONS

- Available in 4", 6", and 8 " diameters (custom sizes available on request)
- Utilizes vacuum pressure to fill pump, and air pressure to pump product out with no damage
- Complete with controls
- All stainless steel construction
- All size hoppers available for connecting to pump
- Air operated - no motors
- Designed to gently pump products where product definition is critical
- USDA acceptable - sanitary design and easy to clean

## ADDITIONAL OPTIONS

- Y Piping
- Butter-fly valve
- Pneumatic plunger
- Rotary ball valves
- Pressure transducer

## NOTES

[illegible]



# COMMITTED TO ENGINEERING & MANUFACTURING EXCELLENCE



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