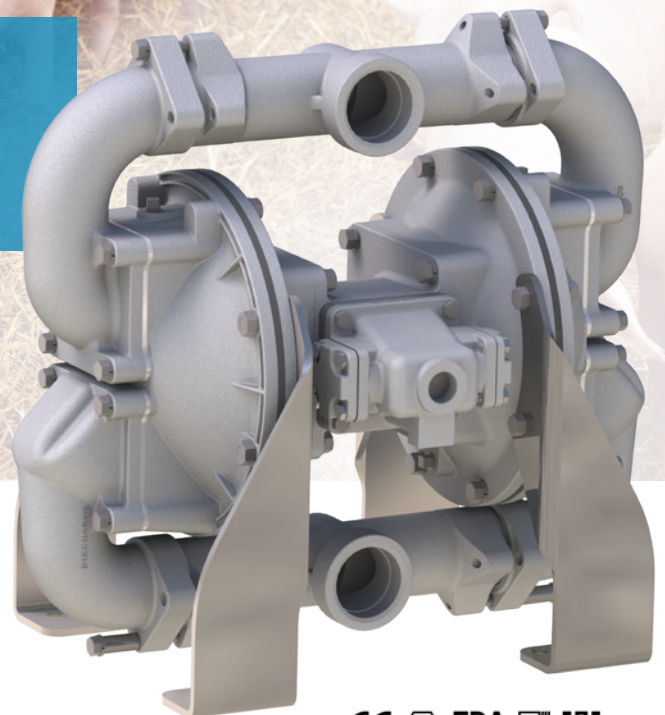


# AODD MEAT AND POULTRY PROCESSING PUMPS

Heavy Duty Air Operated Double-Diaphragm Pumps Specifically Designed for Pumping Blood, Organs, Fats, and Waste Products



SANDPIPER Heavy Duty Flap Valve Pumps have been the workhorse of the meat and poultry processing industries for over 50 years



**WARREN  
RUPP, INC.**

**SANDPIPER®**  
A WARREN RUPP, INC. BRAND

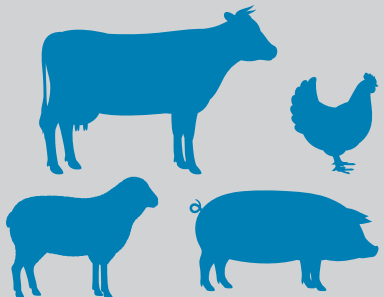
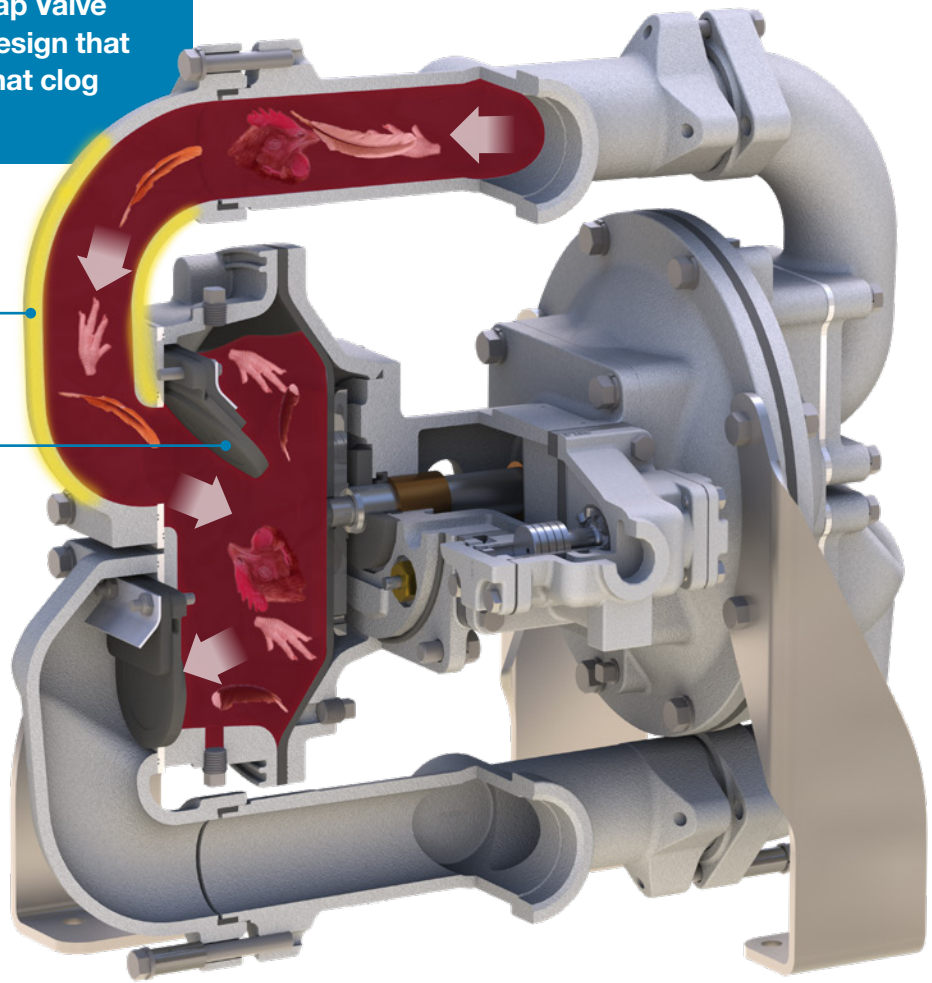
CE Ex FDA COMPLIANT HACCP EAC

**SANDPIPER's Heavy Duty Flap Valve Pumps feature a flap valve design that can pump entrained solids that clog typical ball valve pumps**

Thick, robust chambers that withstand abrasive blood flow - increasing pump longevity

Flap Check valve design that allows passage of small to large solids

- Feathers
- Pig Hair
- Wool
- Feet
- Casing room waste
- Organs



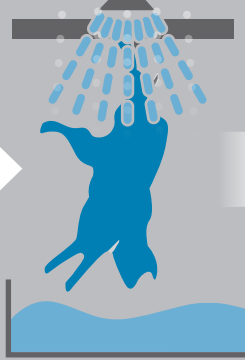
**Stunning and Suspension**



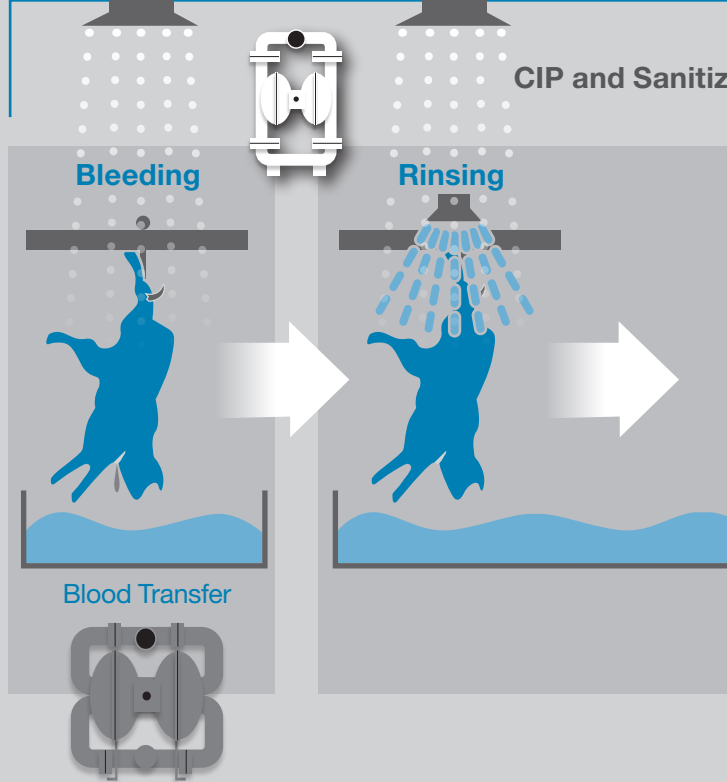
**Bleeding**



**Rinsing**



**CIP and Sanitiz**

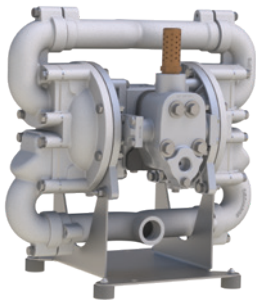


# Many Steps in your Process – One Pump

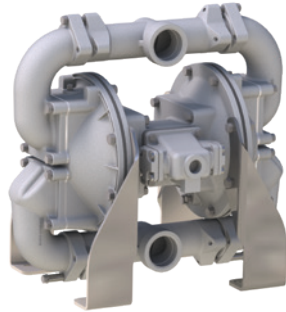
## Sandpiper Pump

Superior Performance when compared to AODD Ball Valve Pumps and other rotating pump technologies.

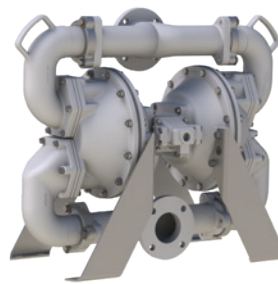
- Simple to install
- No electricity required
- Flap Check valve design that allows passage of small to large solids - Up to the size of the pipe
- No rotating shafts, bearings, or mechanical seals for lower total cost of ownership
- Can run dry without damage to the pump which is not possible with rotating pump technologies
- Easy Portability compared to centrifugal pumps
- Optimized performance and efficiency. Ideal for process **water & wastewater** management where pumps run continuously as well as **Tallow** and **Suet** transfer
  - Highest flow capacity 1", 2" and 3" pumps available in the industry
  - Lowest air consumption in its class
  - No reduction in performance as the pump ages
  - Minimal flow velocity changes for superior handling of thick, viscous fluids
- Easiest service-ability with SANDPIPER exclusive ESADS+ Air Distribution System allows for access to both the pilot and main air valve without removing the pump from service. Other AODD pumps require complete pump tear-down to access pilot valve



**HDF1 Metallic**  
Max Flow: 70 GPM (265 LPM)  
Max Solids Size: 1 inch (25.5 mm)



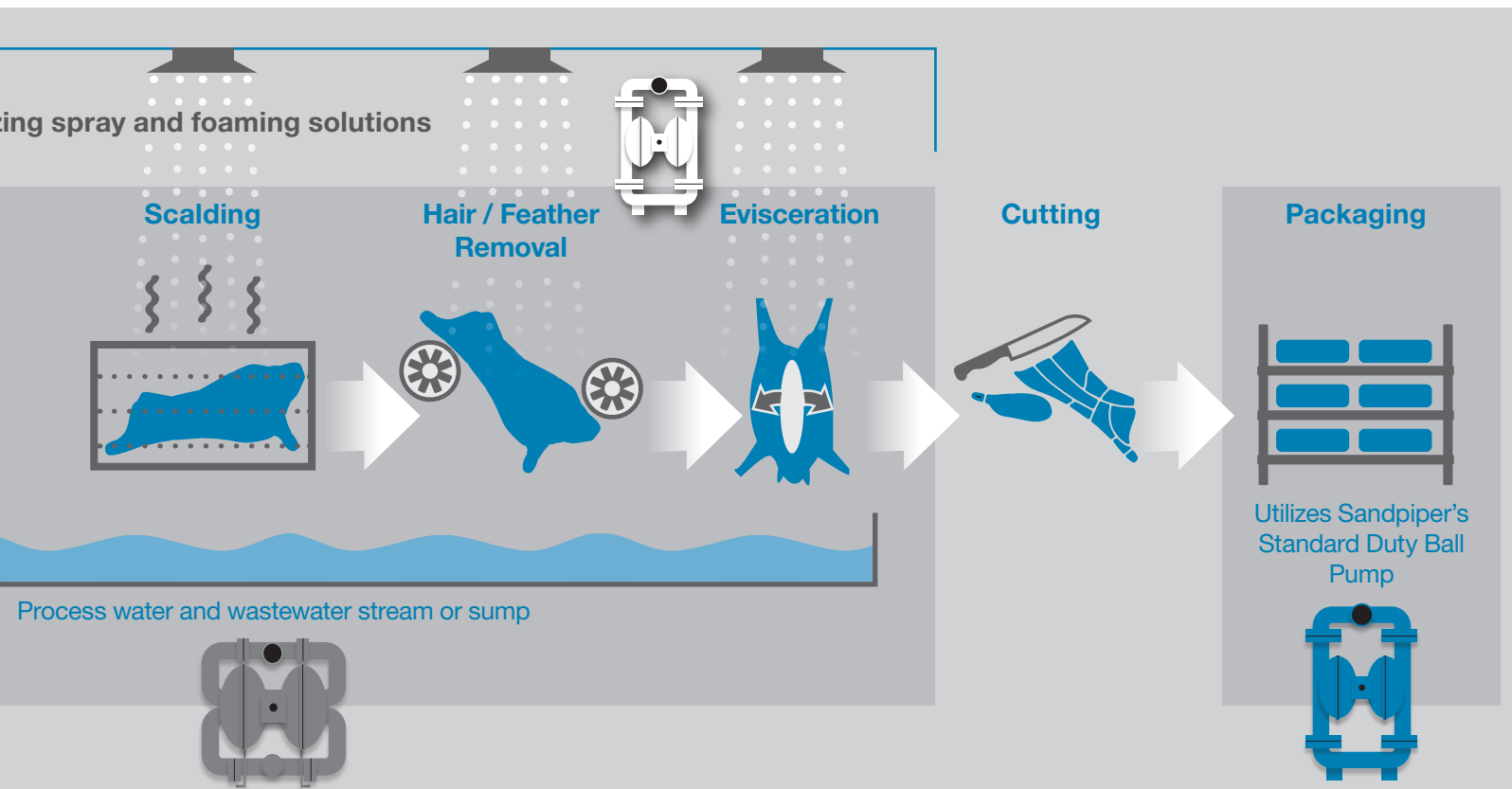
**HDF2 Metallic**  
Max Flow: 208 GPM (787 LPM)  
Max Solid Size: 1.8 inch (45.7 mm)



**HDF3 Metallic**  
Max Flow: 310 GPM (1,173 LPM)  
Max Solids Size: 3 inch (75 mm)



**HD20F Non-Metallic**  
Max Flow: 150 GPM (567 LPM)  
Max Solid Size: 1.8 inch (45.7 mm)  
**ONLY 53 POUNDS (24 kg)**

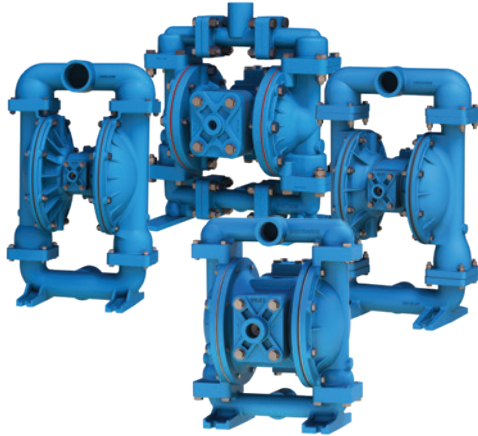


# Did You Know...

## ... we supply the most efficient, highest flow capacity ball valve AODD pumps!

**Versatile and mobile** – these pumps are equipped to handle abrasive fluids to small suspended solids as well as aggressive and CIP chemicals. Our 2" and 3" pumps offer best-in-class flow rates and the lowest air consumption

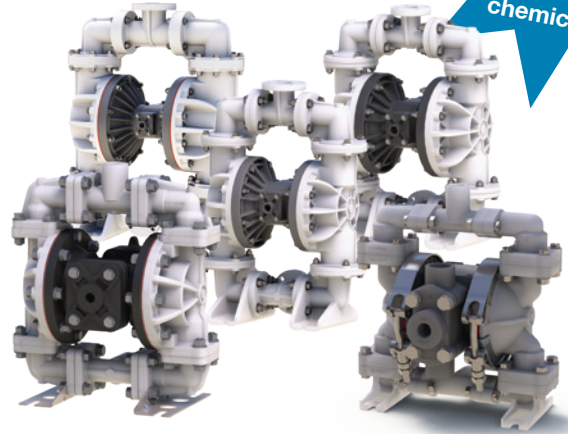
Standard Duty Metallic



**EVOLUTION**



Standard Duty Plastic



Great  
For Use with  
cleaning  
chemicals!

## ... we supply the most complete line of Sanitary AODD pumps!

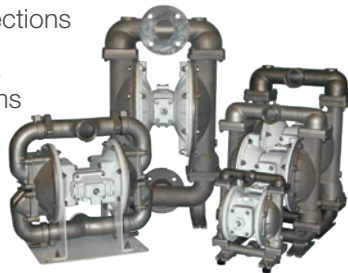
We understand that many of your meat and poultry processes require FDA Compliant pumps

### FDA and EC1935 Compliant pumps



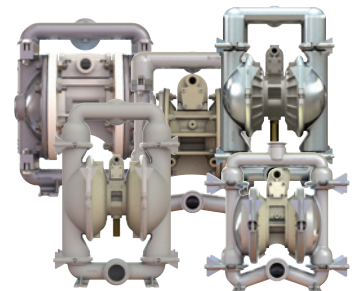
#### T-Series Bolted Construction Pumps Features

- Available in 1"–3" sizes
- All Bolted Construction
- Stainless Steel Wetted
- White Epoxy Coated Aluminum Non-Wetted (Stainless Steel Available 1-1/2"–3")
- Sanitary Clamp Connections
- PTFE, FDA Nitrile, FDA Santoprene Diaphragms



#### F-Series Clamped Construction Pumps Features

- 1/2"–1" All Bolted Construction
- 1-1/2"–3" Clamped Construction
- Electropolished Stainless Steel Wetted
- Nickel Plated Aluminum Non-Wetted (Polypropylene & Stainless Steel Available Certain Models)
- Sanitary Clamp Connections
- PTFE, FDA Hytrel, FDA Santoprene Diaphragms



# SANDPIPER®

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