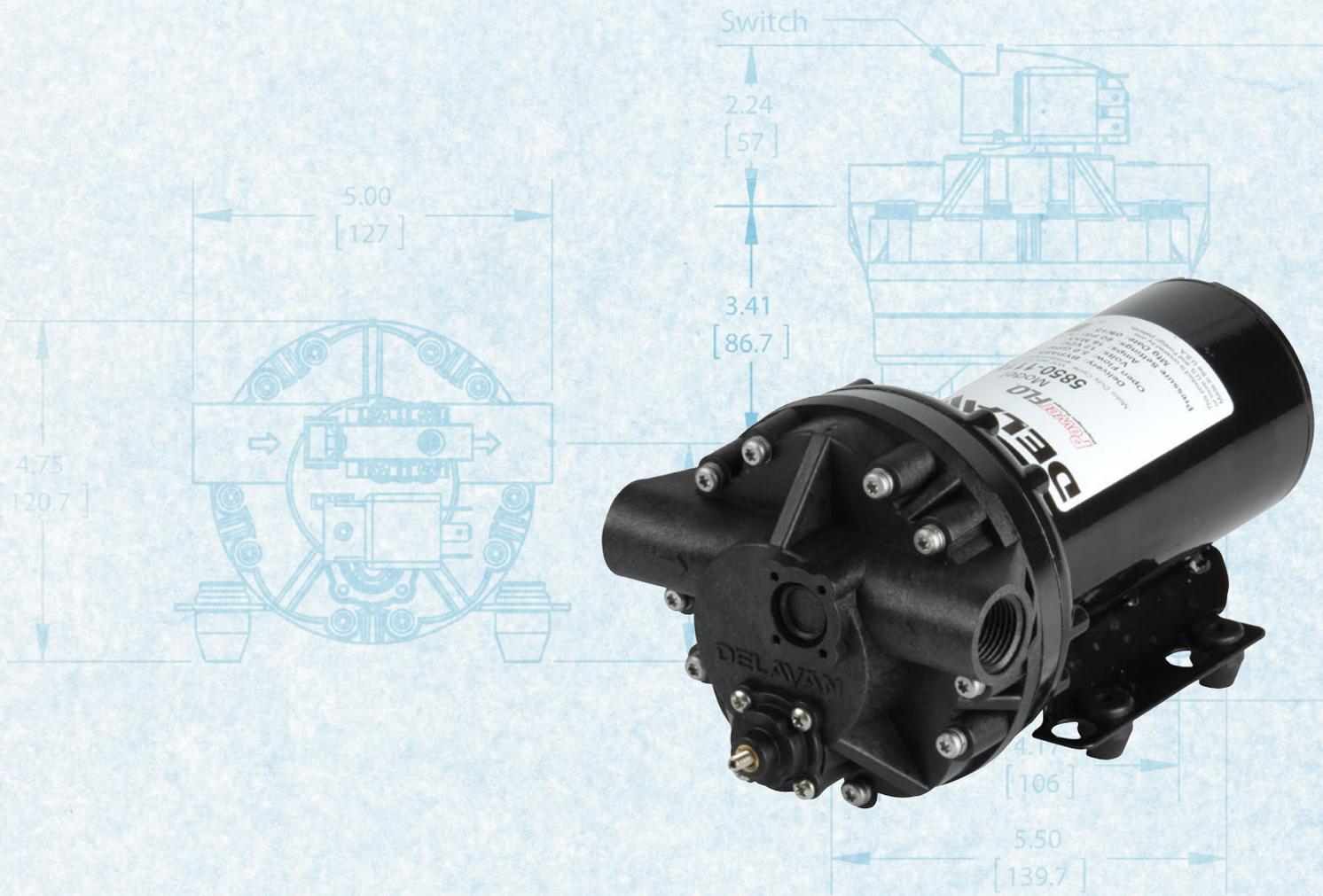
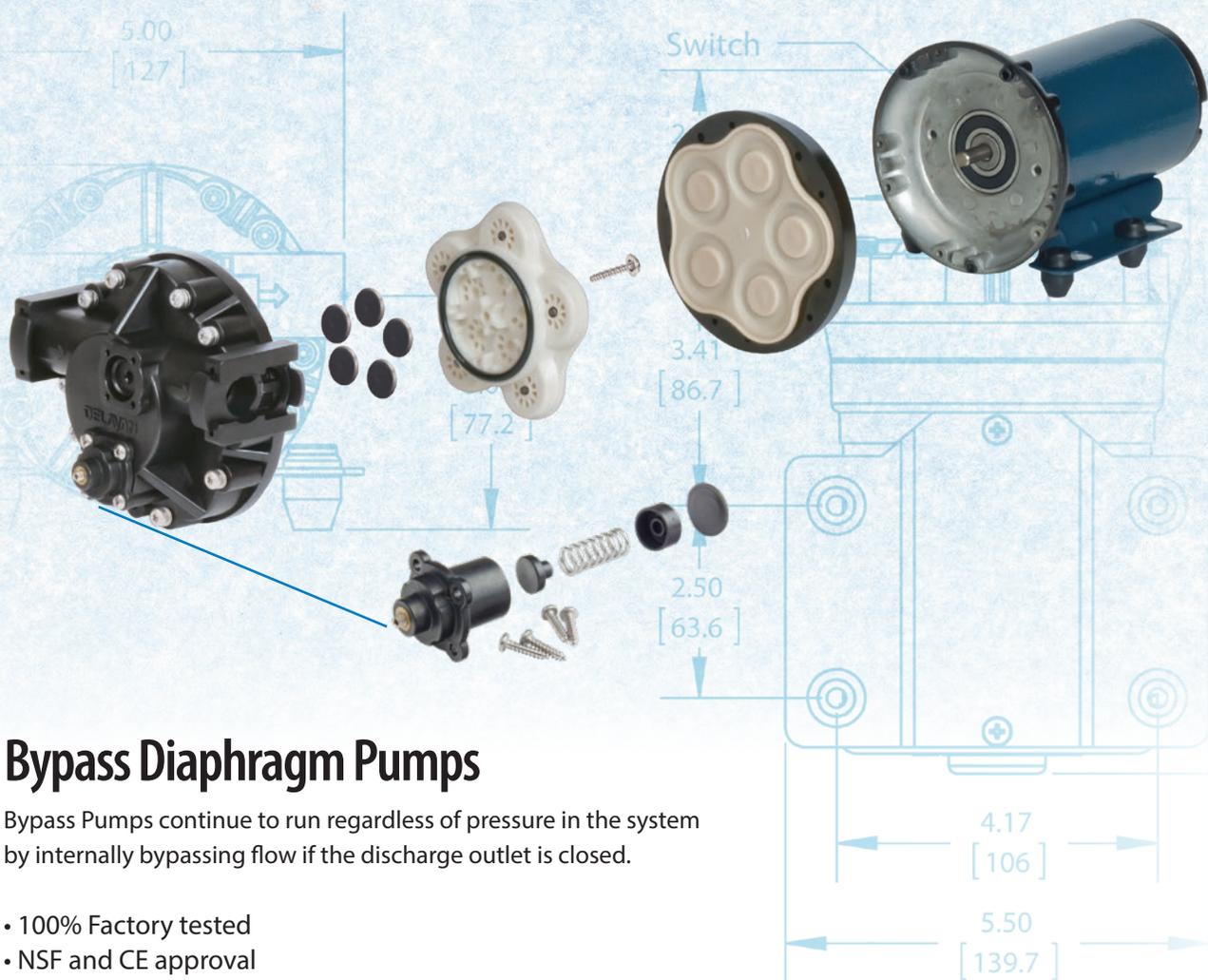


# Diaphragm Pumps & Accessories

## Engineered for Excellence





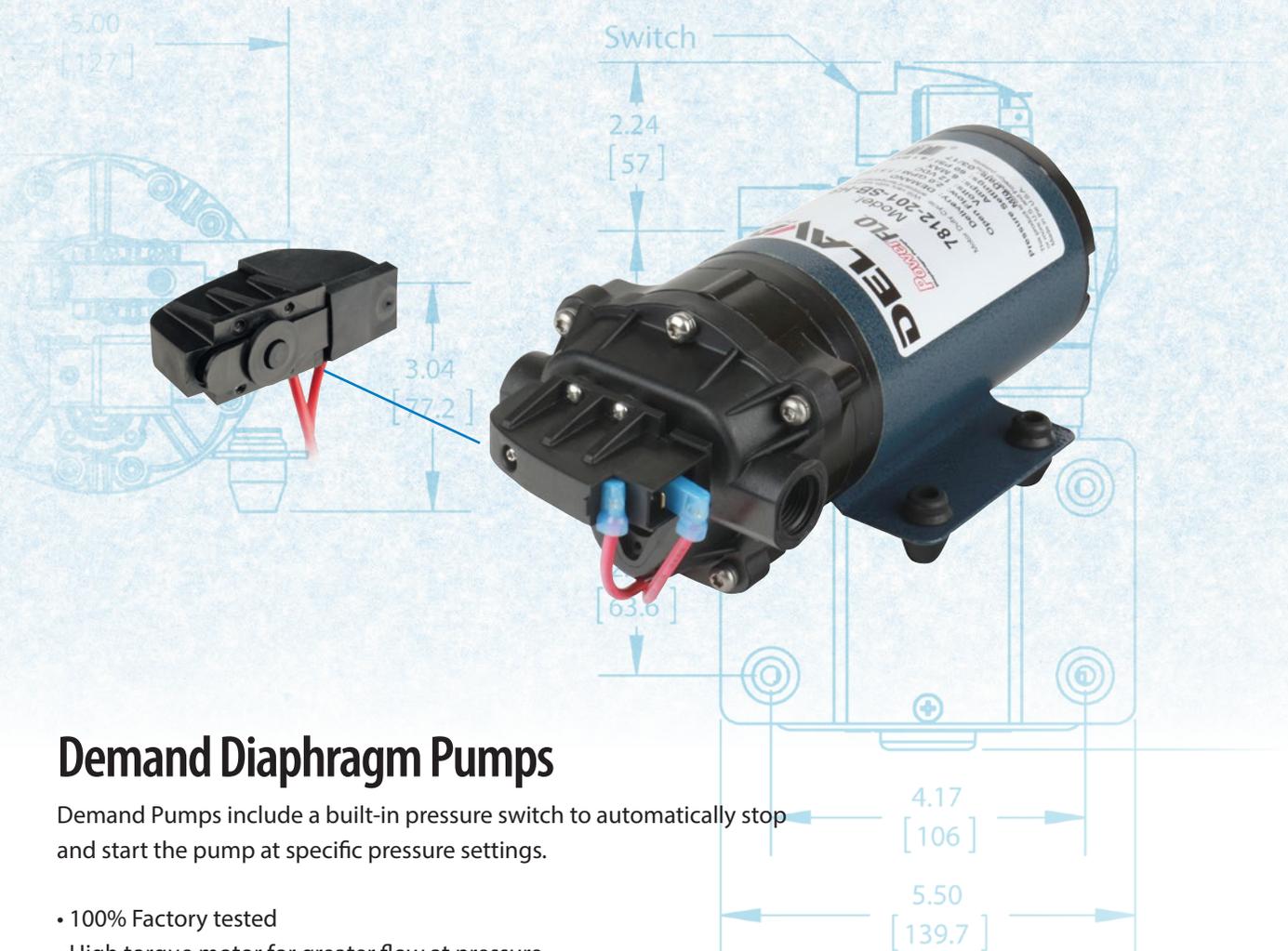
## Bypass Diaphragm Pumps

Bypass Pumps continue to run regardless of pressure in the system by internally bypassing flow if the discharge outlet is closed.

- 100% Factory tested
- NSF and CE approval
- High torque motor for greater flow at pressure
- 1.0 – 7.0 GPM
- Threaded, quick attach, and custom port options available
- Self priming
- Can be run dry



# DIAPHRAGM PUMPS

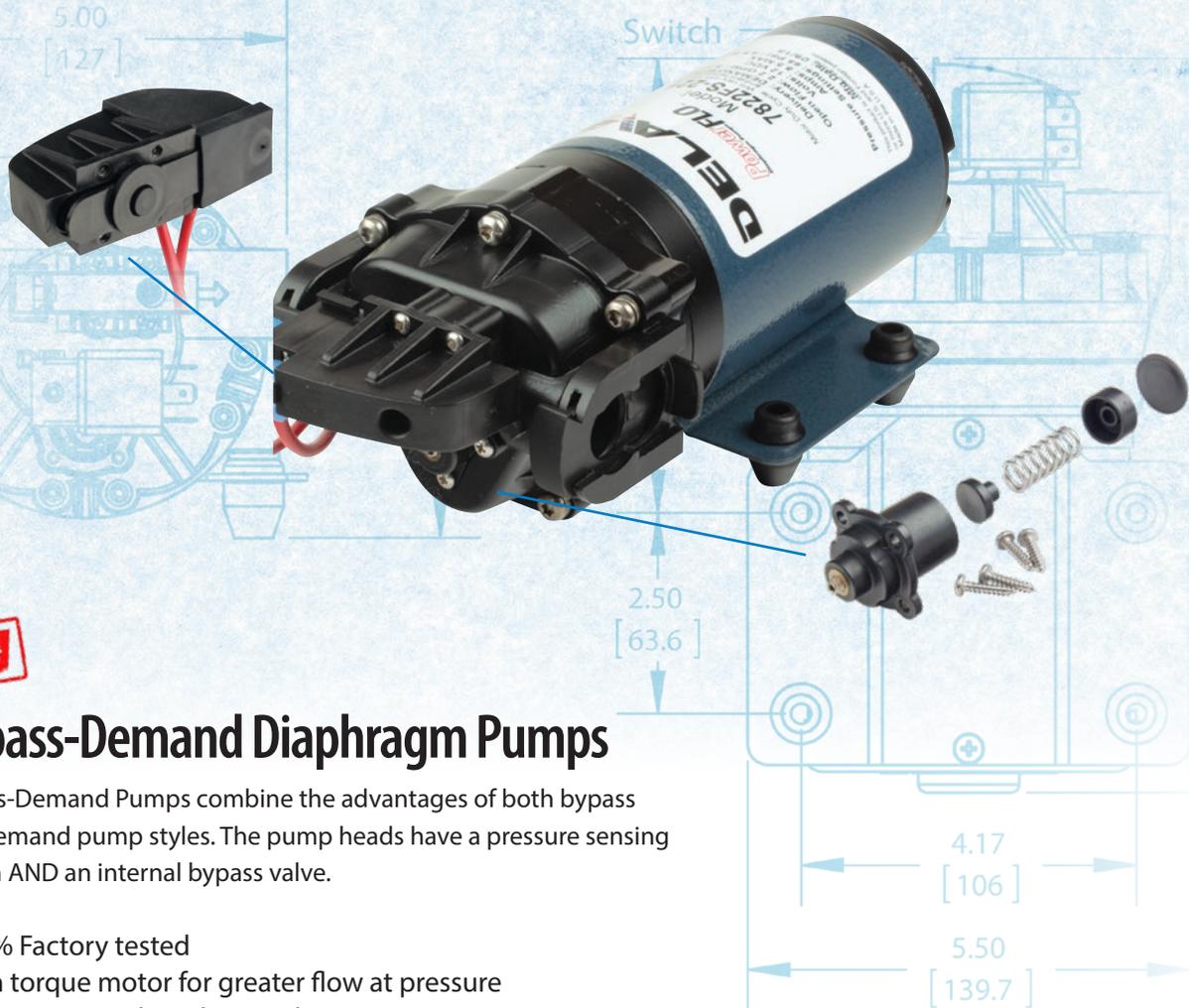


## Demand Diaphragm Pumps

Demand Pumps include a built-in pressure switch to automatically stop and start the pump at specific pressure settings.

- 100% Factory tested
- High torque motor for greater flow at pressure
- Up to 7.0 GPM and 100 PSI
- Self priming and can be run dry
- Custom options available
- Pressure sensing ON/OFF





## Bypass-Demand Diaphragm Pumps

Bypass-Demand Pumps combine the advantages of both bypass and demand pump styles. The pump heads have a pressure sensing switch AND an internal bypass valve.

- 100% Factory tested
- High torque motor for greater flow at pressure
- Self priming and can be run dry
- Custom options available
- Fits a wider variety of applications
- Can handle multiple output demands in one system
- The best of bypass AND demand
- Eliminates pump cycling
- Works well with varying flow rates



# DIAPHRAGM PUMPS

## Selecting the Right Pump

**Bypass Pumps** continue to run regardless of pressure in the system by internally bypassing flow if the discharge outlet is closed. The motor and pump stay running and are ready to deliver full power as soon as the system outlets are re-opened. However, if the system outlets are closed for extended periods of time overheating can occur.

**Advantages:**

*Eliminates pump cycling and provides instant flow when needed.  
Perfectly suited for variable demands in a single system.*

**Common Uses:**

*Spray bars, multiple outlet systems, whenever different flow rates are needed in one system.*

**Demand Pumps** include a built-in pressure switch to automatically stop and start the pump at specific pressure settings. These pumps only run when discharge outlets are open and fluid delivery is needed. However, ON/OFF cycling at extreme frequency can cause damage to the pump components.

**Advantages:**

*Pump only runs when flow is needed and offers reduced noise during system idle.  
Automatically turns pump off when not in use.*

**Common Uses:**

*Spot spraying, soft wash, single outlet systems.*

**Bypass-Demand Pumps** combine all the advantages of the bypass and demand pump styles. The pump heads have a pressure sensing switch AND an internal bypass valve. These pumps can adapt to changing system demands to deliver consistent flow regardless of which discharge outlets are open. Once all system outlets are closed the pressure switch will activate to turn off the pump. Bypass-Demand gives you consistent flow on demand and eliminates pump cycling with any outlet system configuration.

**Advantages:**

*Pressure Sensing On/Off switch, perfect for handling multiple output demands in one system.  
Eliminates pump cycling, and provides Instant flow when needed. Works well with varying flow rates*

**Common Uses:**

*RV and Marine systems, spray bar + wand setups, multi-outlet systems*



**NEW**



## Delavan Custom Options

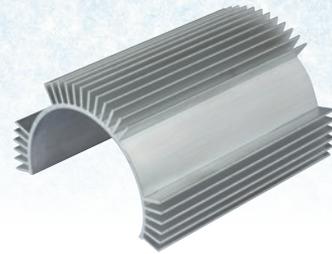
When it comes to special applications or unique design specifications, count on the *engineering expertise* of Delavan Fluid Power. Visit [Delavanfluidpower.com](http://Delavanfluidpower.com) for more information on how we can help you build the perfect pump.



*"We engineer, we manufacture and we source exceptional products for you, our customer, here in North America and throughout the world."*

Dave Beaudry - President, Delavan Fluid Power

# ACCESSORIES



## Accessories

Delavan Fluid Power offers a wide variety of accessories and replacement parts. Visit [Delavanfluidpower.com](http://Delavanfluidpower.com) for immediate help on ordering parts, or general technical assistance for all of fluid Power products.



## More Great Products by Delavan



*Turbine Pumps*



*Roller Pumps*



*Centrifugal Pumps*



*Hydraulic Cylinders*

## Our History

Behind every successful company, there is a story of a driven entrepreneur, devoted to building a company—often from little or nothing. Nelson B. Delavan was the man behind the company known today as Delavan Fluid Power. Understanding Nelson Delavan helps to paint a portrait of a company that—some 80 years later—is still committed to serving its customers faithfully and delivering innovation and value to the marketplace.

Nelson B. Delavan was born in 1897 in Norwich, New York. In 1936 Nelson formed Delavan Engineering. The goal of the company was to be manufacturer's representatives for producers of electrical and mechanical equipment in Iowa, Nebraska, Minnesota and the Dakotas. In 1941, Nelson founded Delavan Manufacturing Company in Des Moines, Iowa to produce high precision nozzles for oil burners, agricultural spraying equipment, and special components for aircraft engines.

Nelson Delavan died in 1971 and in 1984, Delavan's wife Elizabeth established a non-profit trust, The Nelson B. Delavan Foundation, in her late husband's honor. This trust donates money in support of education, historical, cultural and arts-related endeavors and is still operating to this very day.

Delavan never quit dreaming and—maybe more importantly—never stopped doing. His life's story proves this and both his family and the company he started back in 1936 are extremely proud of him.

Now known familiarly as Delavan Fluid Power, our current President and Owner, David Beaudry, shares his vision of the future of the company in no uncertain terms. "We have a rich history of entrepreneurship at Delavan thanks to our founder, Nelson Delavan. Over the last 80 years, we have kept ourselves in business with firm commitments to product innovation coupled with sterling customer service that treats every customer like our last customer."

## Our Mission Today

***"To Create Value through Innovation, Delivering a WOW Experience One Customer at a Time."***

At Delavan Fluid Power we clearly understand the trajectory of change. We envision the top-two customer demands of the future as "more customized products and services" and "faster order fulfillment times."

In order to meet those demands we strive to be (fit-for-purpose) based on a unique value proposition for each particular customer.

We are committed to succeeding in today's increasingly challenging marketplace by responding to each varied and dynamic individual customer requirement with an exclusive and custom tailored solution.

We engineer, we manufacture and we source exceptional products for you, our customer, here in North America and throughout the world.



*Delavan Manufacturing Company Des Moines, Iowa  
1944. Manufacture of small engine magnetos.*



*Nelson B. Delavan*