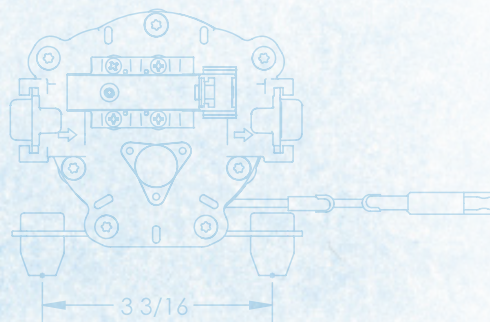
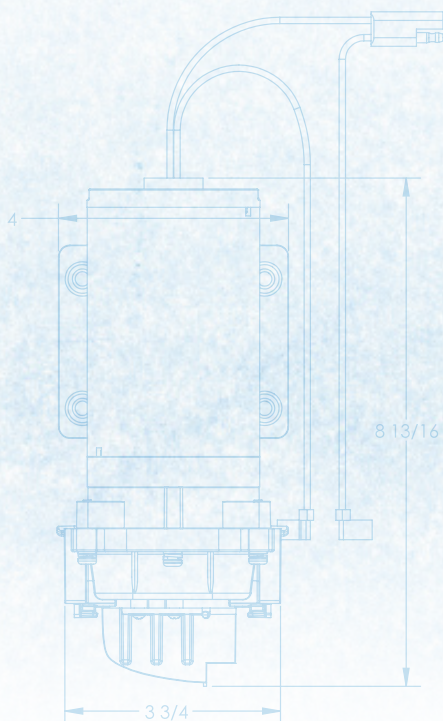


Industrial & Agricultural Pumps



Engineered for Excellence



DELA**VAN**
FLUID POWER

AVAILABLE THROUGH
GRAINGER
FOR THE ONES WHO GET IT DONE

*"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."*

Dave Beaudry - President, Delavan Fluid Power

Diaphragm Pumps

Engineered for Excellence

Selecting the Right Pump

Bypass Pumps

- Internal Bypass Valve built into the pump head.
- Designed for systems with multiple flow and pressure requirements.
(*Sprayer bar, wands, multiple outlet systems*)
- Pump stays running ready to deliver full power.
- Suited for multiple demands in a single system.
- Disadvantage: Pump can overheat if run for long periods with closed outlets.

Demand Pumps

- Built-in pressure switch automatically starts and stops the pump at pre-set pressure limit.
- Designed for systems with specific flow and pressure requirements:
(*Spots sprayers, boom sprayers, soft washing*)
- Pump only runs when flow is needed.
- Noise reduction when the system is idle.
- Easy to repair and replace parts.
- Disadvantage: Improperly set systems can cause cycling.

SmartFLO

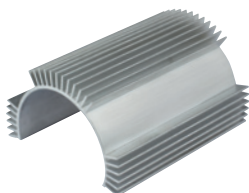
- Combines the advantages of both Bypass and Demand Controls.
- Utilizes Pressure Sensing Demand Switch AND Internal Bypass Valve.
- Automatically adapts to changing system demands.
- Constant and instant flow eliminates pump cycling.
- Will turn off when not in use and outlets are closed.
- Low chance of overheating when run for long periods.
- Fits all applications:
 - RV and Marine systems
 - Small to medium size sprayers
 - Multi-outlet systems

Extreme Duty Pumps

- Heavy-duty Geolast diaphragms matched with powerful high torque motors.
- Optimal performance when pumping harsh chemicals and oil-based fluids.
- Greater chemical compatibility and abrasion resistance to handle the most extreme workloads.
- Not to be used with flammable/combustible liquids.

Heat Sinks

- Reduce motor temperature and extend life up to 50%.
- Aluminum alloy dissipates heat easily along engineered fins.
- Recommended for high duty cycle applications and when operated above 90° ambient temperatures.



Heat Sink



Geolast Diaphragm

Diaphragm Pumps

Engineered for Excellence



2200 Series—1.0 GPM

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

Pump Type: Demand

Flow: Up to 1 GPM

Pressure: Up to 100 PSI

Valves: Viton

Diaphragm: Santoprene

Ports: 3/8" Hose Barb

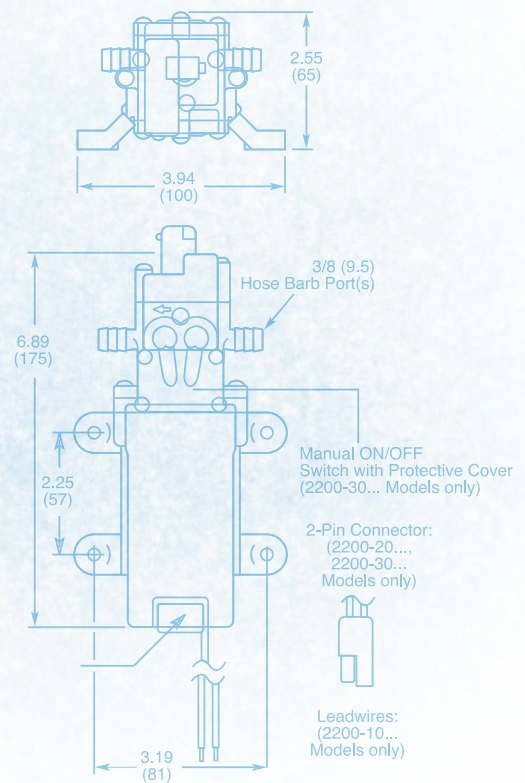
Power: 12 VDC & 18 VDC Options- Wire Leads with 2-Pin Molded Connector

Weight: 3 lbs.

Packaging: Bulk Box, Retail Box, Individual Bulk

Shipping: 8 Per Carton, Single Box

- Self-Priming
- Can be Run Dry
- Optional Built-in On/Off Switch Available



2200 Series

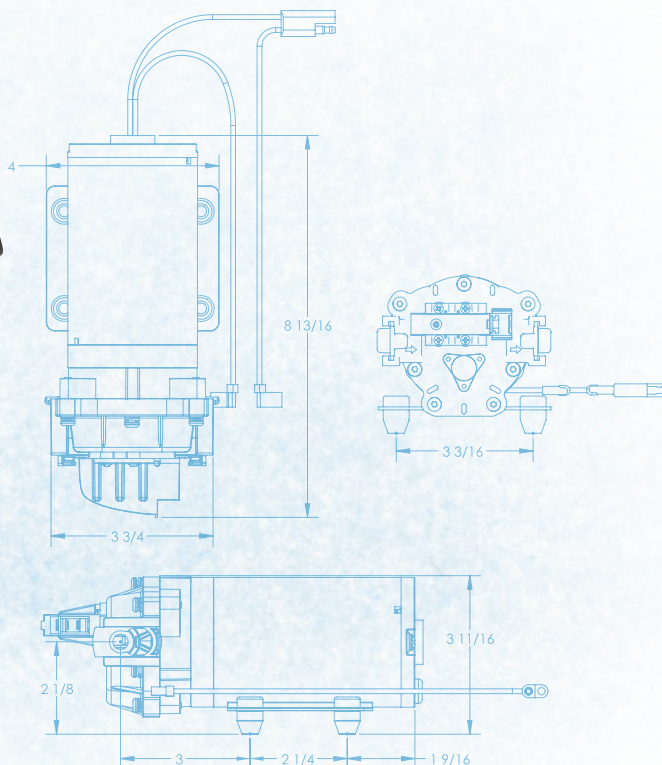
Part Number	Flow	Flow Controls	PSI	Valves	Diaphragm	Ports	Power
2200-101	1 GPM	Demand	40	Santoprene	Santoprene	3/8 Hose Barb	12 VDC Bare Wire
2200-201 (55NL39)	1 GPM	Demand	40	Santoprene	Santoprene	3/8 Hose Barb	12 VDC Two Pin Molded Connectors
2200-301	1 GPM	Demand	40	Santoprene	Santoprene	3/8 Hose Barb	12 VDC Motor With Switch

Delavan is the leader in the engineering and production of the most versatile pumps on the market today. From residential to agricultural to industrial, Delavan manufactures the right pump for every application.



Diaphragm Pumps

Engineered for Excellence



3000 Series – 1.0 to 2.2 GPM

Pump Type: Bypass, Demand, Bypass-Demand

Flow: Up to 2.2 GPM

Pressure: Up to 60 PSI

Valves: Viton

Diaphragm: Santoprene

Ports: 3/8" FNPT, 5/8" Quick Attach, Ceramic Quick Attach (Flex-Series)

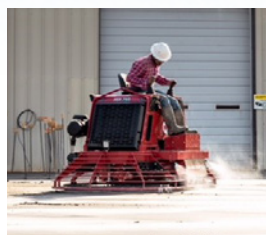
Power: 12 V – Wire Leads with 2-Pin Molded Connector, 115 VAC Corded Plug

Weight: 6 lbs.

Packaging: Bulk Box, Retail Box

Shipping: 8 Per Carton, Single

- 100% Factory Tested
- NSF Approved
- High Torque Motor for Superior Flow at Pressure
- Self-Priming
- Can be Run Dry
- Optional Built-in On/Off Switch Available



3000 Series



New Part Number	Previous Part Number	Flow	Controls	PSI	Valves	Diaphragm	Ports	Power
3010-411E	7801-111	1 GPM	Bypass	60 PSI	Viton	Santoprene	5/8" Quick Attach	12 VDC
3010-401E	7801-201	1 GPM	Demand	60 PSI	Viton	Santoprene	5/8" Quick Attach	12 VDC
3110-411E	7811-111	1 GPM	Bypass	60 PSI	Viton	Santoprene	3/8" Threaded Ports	12 VDC
3110-401E	7811-201	1 GPM	Demand	60 PSI	Viton	Santoprene	3/8" Threaded Ports	12 VDC
115 VAC								
3110-404E	7811-104	1 GPM	Demand	60 PSI	Viton	Santoprene	3/8" Threaded Ports	115 VAC
12 VDC with On/Off Switch								
3110-401E	7801-301	1 GPM	Demand	60 PSI	Viton	Santoprene	3/8" Threaded Ports	12 VDC with On/Off Switch

Replacement Parts

Part Number	Pump Heads
PH-7811-B	Pump Head for 1 GPM Pumps, 3/8" Threaded Ports, Bypass, 7811 Models
PH-7811-PS	Pump Head for 1 GPM Pumps, 3/8" Threaded Ports, Demand, 7811 Models
PH-7801-B	Pump Head for 1 GPM Pumps, 5/8" Quick Attach, Bypass, 7801 Models
PH-7801-PS	Pump Head for 1 GPM Pumps, 5/8" Quick Attach, Demand, 7801 Models

Part Number	Upper Housing Assembly: Includes Pump Head Housing and either Pressure Switch or Bypass Switch
UHA-7802-B	Upper Housing Assembly, 5/8" Quick Attach, Bypass, 7801 and 7802 Models
UHA-7802-PS	Upper Housing Assembly, 3/8" Quick Attach, Demand, 7801 and 7802 Models
UHA-7812-B	Upper Housing Assembly, 3/8" Threaded Ports, Bypass, 7801 and 7802 Models
UHA-7812-PS	Upper Housing Assembly, 3/8" Threaded Ports, Demand, 7801 and 7802 Models

Part Number	Lower Housing Assembly: Includes Diaphragm, Wobbler, Cam, and Bearing
LHA-7801	Lower Housing Assembly for 1 GPM Pumps, 7801/7811 Models

Part Number	Valve Housing Assembly: Includes Viton Valves and Valve Housing
VHA-7800	Valve Housing Assembly, Demand or Bypass Models, 7800/3000 Series

Part Number	Pressure Switch
7800-PSW-100	Pressure Switch - All Demand Models Pumps

Part Number	Electric Motors
M12-78B	Motor for 7800/3000 Series, 12 VDC, Demand/Bypass with 2 Pin Connector
M12-78C	Motor for 7800/3000 Series, 12 VDC Demand/Bypass with switch and 2 Pin Connector
M70-352-JO	Motor for 7800/3000 Series, 115 VDC, Demand/Bypass
M24-78B	Motor for 7800/3000 Series, 24 VDC, Demand/Bypass with 2 Pin Connector

Part Number	Heat Sink
50-076	Heat Sink for 7800, 3000, 5800 and 5900 Series Pumps





3000 Series Standard Pumps *(Custom configurations available per customer request)*

New Part Number	Previous Part Number	Flow	Controls	PSI	Valves	Diaphragm	Ports	Power
3020-411E	7802-111	2 GPM	Bypass	60 PSI	Viton	Santoprene	5/8" Quick Attach	12 VDC
3020-401E	7802-201	2 GPM	Demand	60 PSI	Viton	Santoprene	5/8" Quick Attach	12 VDC
3120-411E	7812-111	2 GPM	Bypass	60 PSI	Viton	Santoprene	3/8" Threaded Ports	12 VDC
3120-401E	7812-201	2 GPM	Demand	60 PSI	Viton	Santoprene	3/8" Threaded Ports	12 VDC
115 VAC Pumps								
3120-414E	7812-114	2 GPM	Bypass	60 PSI	Viton	Santoprene	3/8" Threaded Ports	115 VAC
3120-404E	7812-104	2 GPM	Demand	60 PSI	Viton	Santoprene	3/8" Threaded Ports	115 VAC
3020-414E	7802-114	2 GPM	Bypass	60 PSI	Viton	Santoprene	5/8" Quick Attach	115 VAC
3020-404E	7802-104	2 GPM	Demand	60 PSI	Viton	Santoprene	5/8" Quick Attach	115 VAC
12 VDC Pumps with On/Off Switch								
3120-403E	7812-301	2 GPM	Demand	60 PSI	Viton	Santoprene	3/8" Threaded Ports	12 VDC with On/Off Switch
3020-403E	7802-301	2 GPM	Demand	60 PSI	Viton	Santoprene	5/8" Quick Attach	12 VDC with On/Off Switch
24 VDC Pumps with On/Off Switch								
3020-405E-24	7802-201-24	2 GPM	Demand	60 PSI	Viton	Santoprene	5/8" Quick Attach	24 VDC
3120-405E-24	7812-201-24	2 GPM	Demand	60 PSI	Viton	Santoprene	3/8" Threaded Ports	24 VDC

Replacement Parts

Part Number	Replacement Pump Heads
PH-7802-B	Pump Head for 2 GPM Pumps, 5/8" Quick Attach, Bypass, 7802 Models,
PH-7802-PS	Pump Head for 2 GPM Pumps, 5/8" Quick Attach, Demand, 7802 Models,
PH-7812-B	Pump Head for 2 GPM Pumps, 3/8" Threaded Ports, Bypass, 7812 Models,
PH-7812-PS	Pump Head for 2 GPM Pumps, 3/8" Threaded Ports, Demand, 7812 Models,
PH-7812ED-PS	Pump Head for 2 GPM Pumps, 3/8" Threaded Ports, Demand, 7812A Models, 2 GPM Extreme Diaphragm Pumps

Part Number	Upper Housing Assembly: Includes Pump Head Housing and either Pressure Switch or Bypass Switch
UHA-7802-B	Upper Housing Assembly, 5/8" Quick Attach, Bypass, 7801 and 7802 Models
UHA-7802-PS	Upper Housing Assembly, 5/8" Quick Attach, Demand, 7801 and 7802 Models
UHA-7812-B	Upper Housing Assembly, 3/8" Threaded Ports, Bypass, 7812 and 7812 Models
UHA-7812-PS	Upper Housing Assembly, 3/8" Threaded Ports, Demand, 7812 and 7812 Models

Part Number	Lower Housing Assembly: Includes Diaphragm, Wobbler, Cam, and Bearing
LHA-7802	Lower Housing Assembly for 2 GPM Pumps, 7802/7812 Models
LHA-7812A	Lower Housing Assembly for 2 GPM Pumps, 7812A 100 PSI Models

Part Number	Valve Housing Assembly: Includes Viton or Santoprene Valves and Valve Housing
LHA-7801	Lower Housing Assembly for 1 GPM Pumps, 7801/7811 Models

Part Number	Pressure Switch
7800-PSW-100	Pressure Switch - All Demand Models Pumps

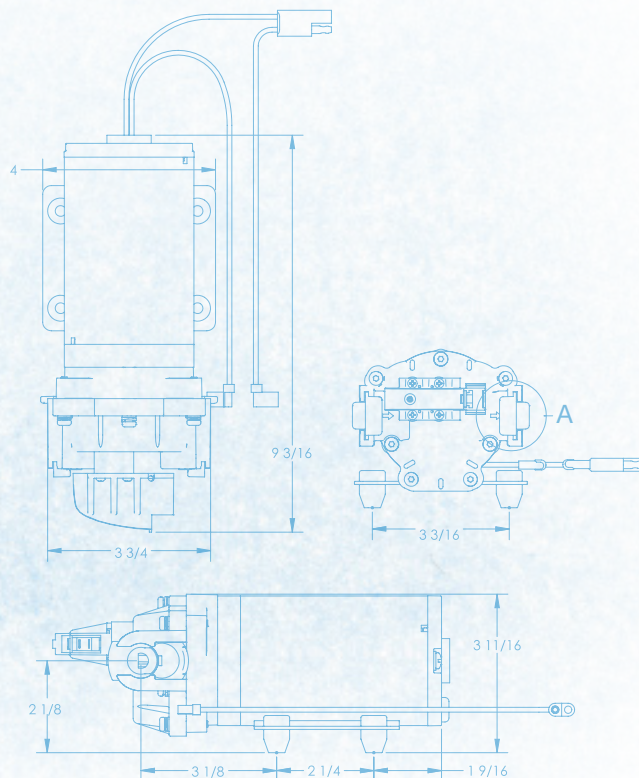
Part Number	Replacement Motors
M12-78B	Replacement Motor for 7800/3000 Series, 12 VDC, Demand/Bypass with 2 Pin Connector
M12-78C	Replacement Motor for 7800/3000 Series, 12 VDC Demand/Bypass with switch and 2 Pin Connector
M70-352-JO	Replacement Motor for 7800/3000 Series, 115 VDC, Demand/Bypass
M24-78B	Replacement Motor for 7800/3000 Series, 24 VDC, Demand/Bypass with 2 Pin Connector

Part Number	Heat Sink
50-076	Heat Sink for 7800, 3000, 5800 and 5900 Series Pumps



Diaphragm Pumps

Engineered for Excellence



FLEX Series – 2.2 GPM

Pump Type: Demand

Flow: 2.2 GPM

Pressure: 60 PSI

Valves: Viton

Diaphragm: Santoprene

Ports: 3/4" Quick Attach

Power: 12 V – Wire Leads with 2-Pin Molded Connector, 115 VAC Corded Plug

Weight: 6 lbs.

Packaging: Bulk Box, Retail Box

Shipping: 8 Per Carton, Single

- 100% Factory Tested
- High Torque Motor for Superior Flow at Pressure
- Self-Priming
- Can be Run Dry
- Patented Adaptive Port Technology



3000 Flex Series Standard Pumps *(Custom configurations available per customer request)*

New Part Number	Previous Part Number	Flow	Controls	PSI	Valves	Diaphragm	Ports	Power
3222-401E	7822-201	2.2 GPM	Demand	60 PSI	Viton	Santoprene	5/8" Quick Attach	12 VDC
3222-201	7822FS-201	2.2 GPM	Demand	60 PSI	Viton	Santoprene	3/4" or 5/8" with Flex Adapters	12 VDC
115 VAC Pumps								
3222-404E	7822FS-104	2.2 GPM	Demand	60 PSI	Viton	Santoprene	3/4" or 5/8" with Flex Adapter	115 VAC
24 VDC Pumps with On/Off Switch								
3222-405E	7822FS-201-24	2.2 GPM	Demand	60 PSI	Viton	Santoprene	3/4" or 5/8" with Flex Adapter	24 VDC

Replacement Parts

Part Number	Replacement Pump Heads
PH-7822-B	Replacement Pump Head, Quick Attach, Bypass, 7822 Series, 2.2 GPM
PH-7822-PS	Replacement Pump Head, Quick Attach, Bypass, 7822 Series, 2.2 GPM

Part Number	Upper Housing Assembly: Includes Pump Head Housing and Pressure Switch
UHA-7822FS-PS	Upper Housing Assembly for 2.2 GPM Pumps, Demand, 7822FS Flex-Series Models - Made in USA Only

Part Number	Lower Housing Assembly: Includes Diaphragm, Wobbler, Cam, and Bearing
LHA-7822	Lower Housing Assembly for 2.2 GPM Pumps, 7822 Models

Part Number	Valve Housing Assembly: Includes Viton Valves and Valve Housing
VHA-7800	Valve Housing Assembly, Demand or Bypass Models, 7800/3000 Series USA Made Only

Part Number	Pressure Switch
7800-PSW-100	Pressure Switch - All Demand Models Pumps

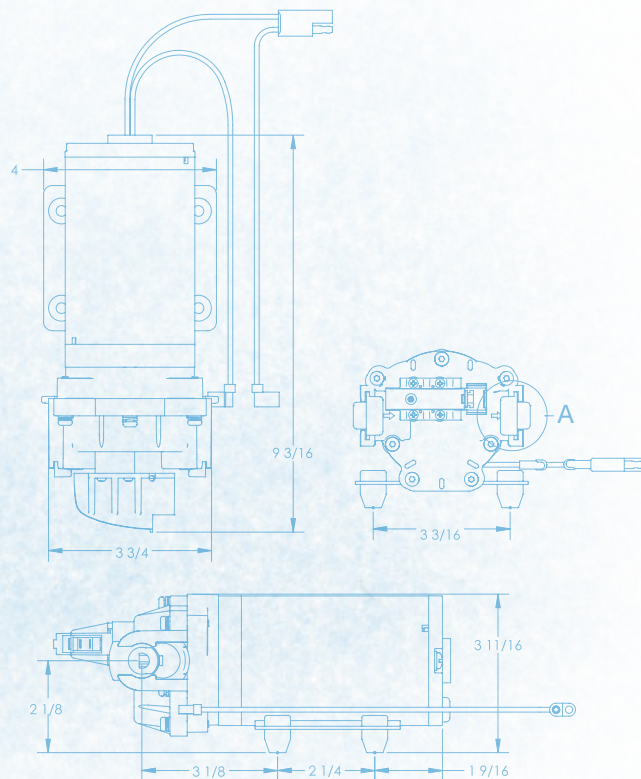
Part Number	Replacement Motors
M12-78B	Replacement Motor for 7800/3000 Series, 12 VDC, Demand/Bypass with 2 Pin Connector

Part Number	Heat Sink
50-076	Heat Sink for 7800, 3000, 5800 and 5900 Series Pumps



Diaphragm Pumps

Engineered for Excellence



SmartFLO



SmartFLO technology automatically adapts flow rates to provide optimal performance in any application. Harmful rapid switch cycling is completely eliminated to extend pump life with no additional setup required.

Pump Type: Bypass - Demand

Flow: Up to 2.2 GPM

Pressure: Shut off @ 85 PSI – Bypass @ Customer Specified

Valves: Viton

Diaphragm: Santoprene

Ports: 3/4" Quick Attach

Power: 12 V – Wire Leads with 2-Pin Molded Connector

Weight: 6 lbs.

Packaging: Bulk Box, Retail Box

Shipping: 8 Per Carton Bulk, 8 Per Carton Retail

- 100% Factory Tested
- Self-Priming
- Can be Run Dry
- Custom Options Available
- High Torque Motor for Superior Flow at Pressure

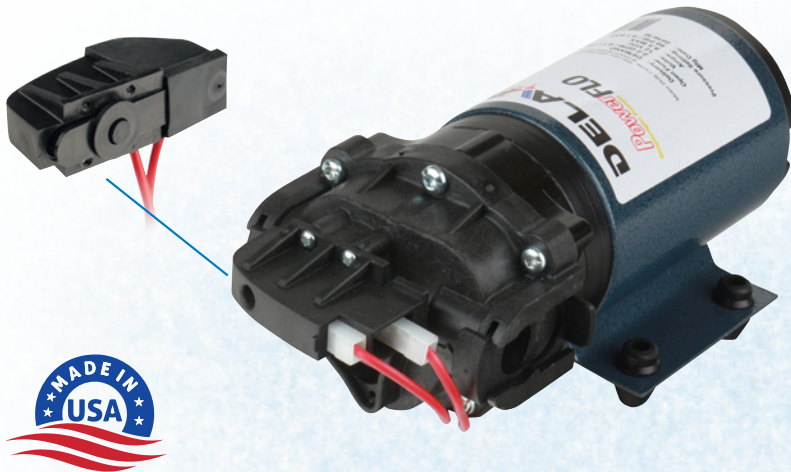


SmartFLO performance guarantees accurate pressure and flow for every application.



SmartFLO Standard Pumps *(Custom configurations available per customer request)*

Part Number	Flow	Flow Controls	PSI	Valves	Diaphragm	Ports	Power
3120-421F	2 GPM	Bypass & Demand	85	Viton	Santoprene	3/8" FNPT	12 VDC
3120-423F	2 GPM	Bypass & Demand	85	Viton	Santoprene	3/8" FNPT	12 VDC with On/Off Switch
3222-421F	2.2 GPM	Bypass & Demand	85	Viton	Santoprene	3/4" or 5/8" with Flex Adapter	12 VDC



Extreme Duty Demand Diaphragm Pump

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

Pump Type: Demand

Flow: Up to 5.4 GPM

Pressure: Up to 60 PSI

Valves: Viton

Diaphragm: Geolast

Ports: 3/8" FNPT, 3/4" Quick Attach, 1/2" FNPT

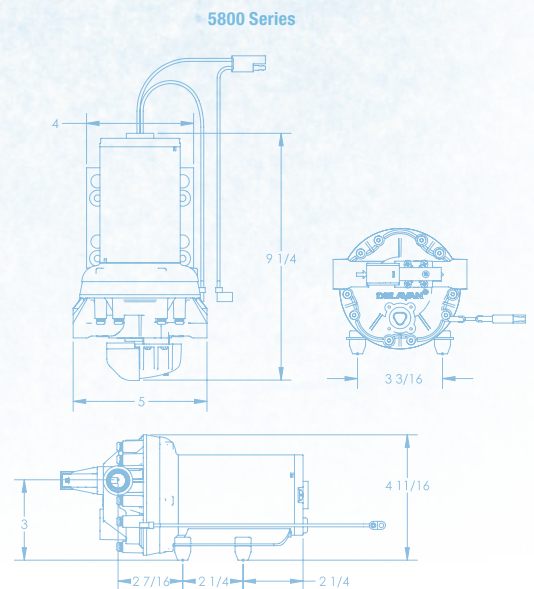
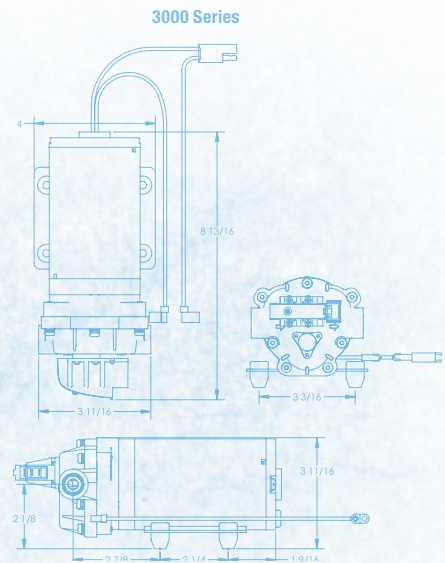
Power: 12 V – Wire Leads with 2-Pin Molded Connector

Weight: 3000 Series 6 lbs, 5000 Series 8 lbs

Packaging: Bulk Box, Retail Box

Shipping: 3000 Series: 8 Per Carton bulk, 8 Per Carton Retail
5000 Series: 8 Per Carton bulk, 6 Per Carton Retail

- Extreme Duty Components Built to Withstand Oil and Diesel Blends
- Resilient Geolast Diaphragm for Longer Life when Spraying Harsh Chemicals
- 100% Factory Tested
- High Torque Motor for Superior Flow at Pressure
- Self-Priming
- Can be Run Dry



Extreme Duty Standard Pumps *(Custom configurations available per customer request)*

New Part Number	Previous Part Number	Flow	Controls	PSI	Valves	Diaphragm	Ports	Power
3020ED-401E	7802ED-201	2	Demand	60	Viton	Geolast	3/8" Threaded Ports	12 VDC
3120ED-401E	7812ED-201	2	Demand	60	Viton	Geolast	3/8" Threaded Ports	12 VDC
3120ED-404E	7812ED-104	2	Bypass	60	Viton	Geolast	3/8" Threaded Ports	115 VAC
3120ED-405E	7812ED-201-24	2	Demand	60	Viton	Geolast	3/8" Threaded Ports	24 VDC
3222ED-401E-SB	7822FSED-201-SB	2.2	Demand	60	Viton	Geolast	3/4" or 5/8" with Flex Adapter	12 VDC

Part Number	Flow	Controls	PSI	Valves	Diaphragm	Ports	Power
5836ED-104E	3.6 GPM	Bypass	60	Viton	Geolast	1/2" FNPT	115 VAC
5850ED-201C	5 GPM	Demand	60	Viton	Geolast	1/2" FNPT	12 VDC
5950ED-201C	5 GPM	Demand	60	Viton	Geolast	1/2" FNPT	12 VDC

Diaphragm Pumps

Engineered for Excellence



5800/5900 Series – 3.0 to 5.4 GPM

Pump Type: Bypass, Demand

Flow: Up to 5.4 GPM

Pressure: Up to 60 PSI

Valves: Viton

Diaphragm: Santoprene

Ports: 1/2" FNPT, 3/4" Quick Attach

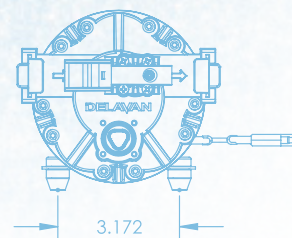
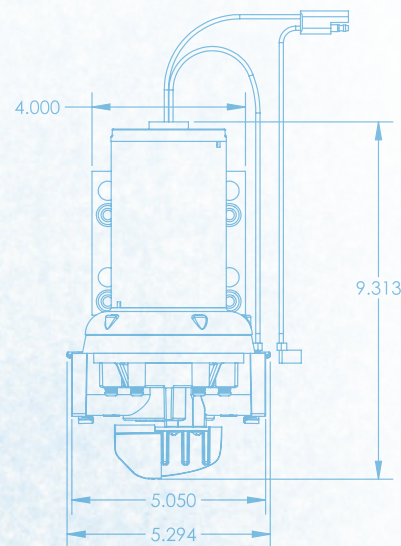
Power: 12 V – Wire Leads with 2-Pin Molded Connector, 115 VAC Corded Plug

Weight: 8 lbs.

Packaging: Bulk Box, Retail Box

Shipping: 6 Per Carton Bulk, 8 Per Carton Retail

- 100% Factory Tested
- NSF Approved
- High Torque Motor for Superior Flow at Pressure
- Self-Priming
- Can be Run Dry
- Optional Built-in On/Off Switch Available



5800-5900 Series Standard Pumps *(Custom configurations available per customer request)*

Part Number	Flow	Controls	PSI	Valves	Diaphragm	Ports	Power
5825A-101-HS (55NL43)	2.5 GPM	Demand	60	Viton	Santoprene	1/2" FNPT	12 VDC
5830-111E	3 GPM	Bypass	60	Viton	Santoprene	1/2" FNPT	12 VDC
5830-201E	3 GPM	Demand	60	Viton	Santoprene	1/2" FNPT	12 VDC
115 VAC							
5830-104E	3 GPM	Demand	60	Viton	Santoprene	1/2" FNPT	115 VAC
5830-114E	3 GPM	Bypass	60	Viton	Santoprene	1/2" FNPT	115 VAC

5800-5900 Series

Part Number	Flow	Controls	PSI	Valves	Diaphragm	Ports	Power
5930-104E	3 GPM	Demand	60	Viton	Santoprene	3/4" Quick Attach	115 VAC
5930-114E	3 GPM	Bypass	60	Viton	Santoprene	3/4" Quick Attach	115 VAC
12 VDC with On/Off Switch							
5830-301C	3 GPM	Demand	45	Viton	Santoprene	1/2" FNPT	12 VDC with On/Off Switch
5930-301C	3 GPM	Demand	45	Viton	Santoprene	3/4" Quick Attach	12 VDC with On/Off Switch

Replacement Parts

Part Number	Replacement Pump Heads
PHA-5825-PS	Replacement Pump Head for 2.5 GPM Pumps, 3/4" Quick Attach, Pressure Switch, 5825 Models
PHA-5830-B	Replacement Pump Head for 3 GPM Pumps, 1/2" Threaded Ports, Bypass, 5830 Models
PHA-5830-PS	Replacement Pump Head for 3 GPM Pumps, 1/2" Threaded Ports, Pressure Switch, 5830 Models
PHA-5930-B	Replacement Pump Head for 3 GPM Models , 3/4" Quick Attach, Bypass, 5930 Models
PHA-5930-PS	Replacement Pump Head for 3 GPM Pumps, 3/4" Quick Attach, Pressure Switch, 5930 Models

Part Number	Upper Housing Assembly: Includes Pump Head Housing and Pressure Switch
UHA-5800-B	Upper Housing Assembly, 1/2" Threaded Ports, Bypass, 5800 Models
UHA-5800-PS	Upper Housing Assembly, 1/2" Threaded Ports, Demand, 5800 Models
UHA-5900-B	Upper Housing Assembly, 3/4" Quick Attach, Bypass, 5900 Models
UHA-5900-PS	Upper Housing Assembly, 3/4" Quick Attach, Demand, 5900 Models

Part Number	Lower Housing Assembly: Includes Diaphragm, Wobbler, Cam, and Bearing
LHA-5830	Lower Housing Assembly for 3 GPM Pumps, 5830/5930 Models

Part Number	Valve Housing Assembly: Includes Viton Valves and Valve Housing
VHA-5830	Valve Housing Assembly Demand or Bypass for 3 GPM Pumps, 5830/5930 Models

Part Number	Pressure Switch
7800-PSW-100	Pressure Switch - All Demand Models Pumps

Part Number	Replacement Motors
M12-58C	Replacement Motor for 5800/5900 Series Pumps, Demand, 12 VDC with Switch and 2 Pin Connector (xxxx-301)
M70-558-J0	Replacement Motor for 5800/5900 Series Pumps, Bypass, 115V (xxxx-114 & xxxx-104)
M70-563-JDS	Replacement Motor for 5800/5900 Series Pumps, 12 VDC, Bypass, Sealed Housing, Delphi Plug (xxxx-111)
M24-58B	Replacement Motor for 5800/5900 Series, 24 VDC, with 2 Pin Connector

Part Number	Heat Sink
50-076	Heat Sink for 7800, 3000, 5800 and 5900 Series Pumps

5800-5900 Series

Part Number	Flow	Controls	PSI	Valves	Diaphragm	Ports	Power
5836-111E	3.6 GPM	Bypass	60	Viton	Santoprene	1/2" FNPT	12 VDC
5836-201E	3.6 GPM	Demand	60	Viton	Santoprene	1/2" FNPT	12 VDC
5936-111E	3.6 GPM	Bypass	60	Viton	Santoprene	3/4" Quick Attach	12 VDC
5936-201E	3.6 GPM	Demand	60	Viton	Santoprene	3/4" Quick Attach	12 VDC
115 VAC							
5836-104E	3.6 GPM	Demand	60	Viton	Santoprene	1/2" FNPT	115 VAC
5836-114E	3.6 GPM	Bypass	60	Viton	Santoprene	1/2" FNPT	115 VAC
12 VDC Pumps with On/Off Switch							
5836-301E	3.6 GPM	Demand	60	Viton	Santoprene	1/2" FNPT	12 VDC with On/Off Switch



Delavan PowerFLO Diaphragm pumps offer a wide range of products from 1 gallon per minute to 7 gallons per minute, meeting all your agricultural and industrial needs. PowerFLO is available for "Bypass" or "Demand" fluid handling, and comes ready with threaded or quick-attach ports.



Replacement Parts

Part Number	Replacement Pump Heads
PHA-5836-B	Replacement Pump Head for 3.6 GPM Pumps, 1/2" Threaded Ports, Bypass, 5836 Models
PHA-5836-PS	Replacement Pump Head for 3.6 GPM Pumps, 1/2" Threaded Ports, Pressure Switch, 5836 Models
PHA-5936-B	Replacement Pump Head for 3.6 GPM Pumps, 3/4" Quick Attach, Bypass, 5936 Models
PHA-5936-PS	Replacement Pump Head for 3.6 GPM Pumps, 3/4" Quick Attach, Pressure Switch, 5936 Models

Part Number	Upper Housing Assembly: Includes Pump Head Housing and either Pressure Switch or Bypass Switch
UHA-5800-B	Upper Housing Assembly, 1/2" Threaded Ports, Bypass, 5800 Models
UHA-5800-PS	Upper Housing Assembly, 1/2" Threaded Ports, Demand, 5800 Models
UHA-5900-B	Upper Housing Assembly, 3/4" Quick Attach, Bypass, 5900 Models
UHA-5900-PS	Upper Housing Assembly, 3/4" Quick Attach, Demand, 5900 Models

Part Number	Lower Housing Assembly: Includes Diaphragm, Wobbler, Cam, and Bearing
LHA-5836	Lower Housing Assembly for 3.6 GPM Pumps, 5836/5936 Models

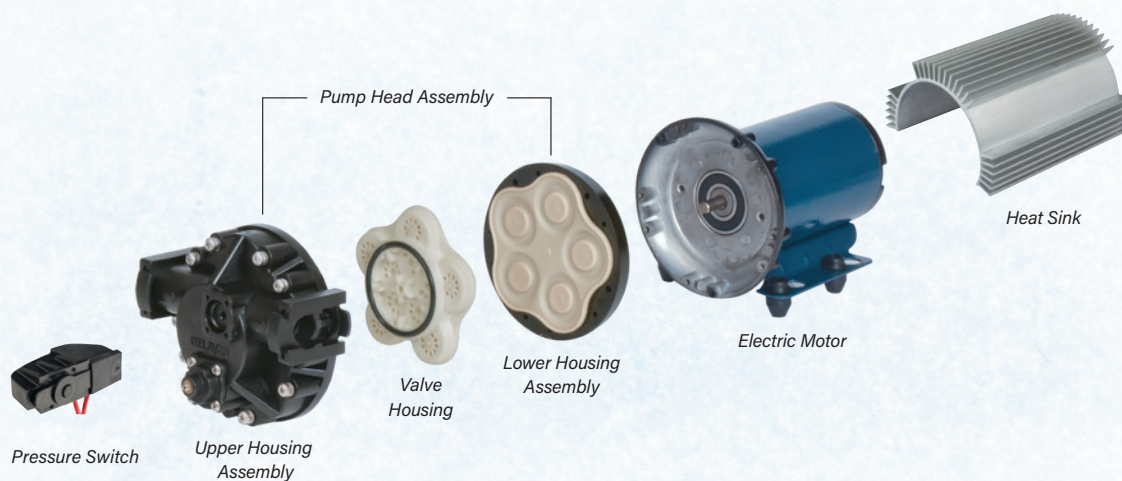
Part Number	Valve Housing Assembly: Includes Viton or Santoprene Valves and Valve Housing
VHA-5800	Valve Housing Assembly, Demand or Bypass Models, 5800/5900 Series

Part Number	Valve Plate and Lower Housing Assembly
VLA-5836-RT	Valve Plate/Lower Housing for 3.6 GPM Pumps, 5836/5936 Models

Part Number	Pressure Switch
7800-PSW-100	Pressure Switch - All Demand Models Pumps

Part Number	Replacement Motors
M12-58B	Replacement Motor for 5800/5900 Series Pumps, Demand, 12 VDC with 2 Pin Connector (xxxx-201)
M12-58C	Replacement Motor for 5800/5900 Series Pumps, Demand, 12 VDC with Switch and 2 Pin Connector (xxxx-301)
M70-558-JO	Replacement Motor for 5800/5900 Series Pumps, Bypass, 115V (xxxx-114 & xxxx-104)
M70-563-JDS	Replacement Motor for 5800/5900 Series Pumps, 12 VDC, Bypass, Sealed Housing, Delphi Plug (xxxx-111)
M24-58B	Replacement Motor for 5800/5900 Series Pumps, 24 VDC, with 2 Pin Connector

Part Number	Heat Sink
50-076	Heat Sink for 7800, 3000, 5800 and 5900 Series Pumps



5800-5900 Series

Part Number	Flow	Controls	PSI	Valves	Diaphragm	Ports	Power
5840-201E	4 GPM	Demand	60	Viton	Santoprene	1/2" FNPT	12 VDC
5940-111E	4 GPM	Bypass	60	Viton	Santoprene	3/4" Quick Attach	12 VDC
5940-201E	4 GPM	Demand	60	Viton	Santoprene	3/4" Quick Attach	12 VDC
115 VAC							
5840-114E	4 GPM	Bypass	60	Viton	Santoprene	1/2" FNPT	115 VAC
5840-104E	4 GPM	Demand	60	Viton	Santoprene	1/2" FNPT	115 VAC
5940-114E	4 GPM	Bypass	60	Viton	Santoprene	3/4" Quick Attach	115 VAC
5940-104E	4 GPM	Demand	60	Viton	Santoprene	3/4" Quick Attach	115 VAC
12 VDC Pumps with On/Off Switch							
5940-301C	4 GPM	Demand	60	Viton	Santoprene	3/4" Quick Attach	12 VDC with On/Off Switch
5840-301E	4 GPM	Demand	60	Viton	Santoprene	1/2" FNPT	12 VDC with On/Off Switch
24 VDC Pump							
5940-201E-24	4 GPM	Demand	60	Viton	Santoprene	3/4" Quick Attach	24 VDC

Replacement Parts

Part Number	Replacement Pump Heads
PHA-5840-B	Replacement Pump Head for 4 GPM Pumps, 1/2" Threaded Ports, Bypass, 5840 Models
PHA-5840-PS	Replacement Pump Head for 4 GPM Pumps, 1/2" Threaded Ports, Pressure Switch, 5840 Models
PHA-5940-B	Replacement Pump Head for 4 GPM Pumps, 3/4" Quick Attach, Bypass, 5940 Models
PHA-5940-PS	Replacement Pump Head for 4 GPM Pumps, 3/4" Quick Attach, Pressure Switch, 5940 Models

Part Number	Upper Housing Assembly: Includes Pump Head Housing and either Pressure Switch or Bypass Switch
UHA-5800-B	Upper Housing Assembly, 1/2" Threaded Ports, Bypass, 5800 Models
UHA-5800-PS	Upper Housing Assembly, 1/2" Threaded Ports, Demand, 5800 Models
UHA-5900-B	Upper Housing Assembly, 3/4" Quick Attach, Bypass, 5900 Models
UHA-5900-PS	Upper Housing Assembly, 3/4" Quick Attach, Demand, 5900 Models

Part Number	Lower Housing Assembly: Includes Diaphragm, Wobbler, Cam, and Bearing
LHA-5840	Lower Housing Assembly for 4 GPM Pumps, 5840/5940 Models
LHA-5850	Lower Housing Assembly for 4 GPM Pumps, 5850/5950 Models

Part Number	Valve Housing Assembly: Includes Viton or Santoprene Valves and Valve Housing
VHA-5800	Valve Housing Assembly, Demand or Bypass Models, 5800/5900 Series

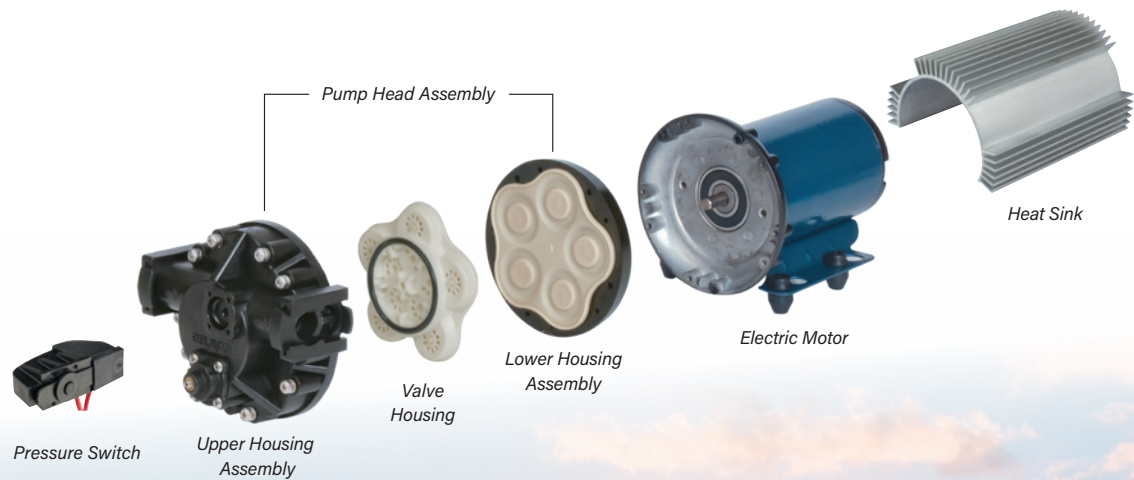
Part Number	Valve Plate and Lower Housing Assembly
VLA-5840-RT	Valve Plate/Lower Housing for 4 GPM Pumps, 5840/5940 Models

Replacement Parts

Part Number	Pressure Switch
7800-PSW-100	Pressure Switch - All Demand Models Pumps

Part Number	Replacement Motors
M12-58B	Replacement Motor for 5800/5900 Series Pumps, Demand, 12 VDC with 2 Pin Connector (xxxx-201)
M12-58C	Replacement Motor for 5800/5900 Series Pumps, Demand, 12 VDC with Switch and 2 Pin Connector (xxxx-301)
M70-558-J0	Replacement Motor for 5800/5900 Series Pumps, Bypass, 115V (xxxx-114 & xxxx-104)
M70-563-JDS	Replacement Motor for 5800/5900 Series Pumps, 12 VDC, Bypass, Sealed Housing, Delphi Plug (xxxx-111)
M24-58B	Replacement Motor for 5800/5900 Series Pumps, 24 VDC, with 2 Pin Connector

Part Number	Heat Sink
50-076	Heat Sink for 7800, 3000, 5800 and 5900 Series Pumps





5800-5900 Series Standard Pumps *(Custom configurations available per customer request)*

Part Number	Flow	Controls	PSI	Valves	Diaphragm	Ports	Power
5850-111E	5 GPM	Bypass	60	Viton	Santoprene	1/2" FNPT	12 VDC
5850-201E	5 GPM	Demand	60	Viton	Santoprene	1/2" FNPT	12 VDC
5950-111E	5 GPM	Bypass	60	Viton	Santoprene	3/4" Quick Attach	12 VDC
5950-201E	5 GPM	Demand	60	Viton	Santoprene	3/4" Quick Attach	12 VDC
115 VAC							
5850-104E	5 GPM	Demand	60	Viton	Santoprene	1/2" FNPT	115 VAC
5850-114E	5 GPM	Bypass	60	Viton	Santoprene	1/2" FNPT	115 VAC
5950-104E	5 GPM	Demand	60	Viton	Santoprene	3/4" Quick Attach	115 VAC
5950-114E	5 GPM	Bypass	60	Viton	Santoprene	3/4" Quick Attach	115 VAC
12 VDC Pumps with On/Off Switch							
5850-301E	5 GPM	Demand	60	Viton	Santoprene	1/2" FNPT	12 VDC with On/Off Switch
24 VDC Pumps							
5850-111E-24	5 GPM	Bypass	60	Viton	Santoprene	1/2" FNPT	24 VDC
5850-201E-24	5 GPM	Demand	45	Viton	Santoprene	1/2" FNPT	24 VDC

Replacement Parts

Part Number	Replacement Pump Heads
PHA-5850-B	Replacement Pump Head for 5 GPM Pumps, 1/2" Threaded Ports, Bypass, 5850 Models
PHA-5850-PS	Replacement Pump Head for 5 GPM Pumps, 1/2" Threaded Ports, Pressure Switch, 5850 Models
PHA-5950-B	Replacement Pump Head for 5 GPM Pumps, 3/4" Quick Attach, Bypass, 5950 Models
PHA-5950-PS	Replacement Pump Head for 5 GPM Pumps, 3/4" Quick Attach, Pressure Switch, 5950 Models

Part Number	Upper Housing Assembly: Includes Pump Head Housing and either Pressure Switch or Bypass Switch
PHA-5850-B	Replacement Pump Head for 5 GPM Pumps, 1/2" Threaded Ports, Bypass, 5850 Models
PHA-5850-PS	Replacement Pump Head for 5 GPM Pumps, 1/2" Threaded Ports, Pressure Switch, 5850 Models
PHA-5950-B	Replacement Pump Head for 5 GPM Pumps, 3/4" Quick Attach, Bypass, 5950 Models
PHA-5950-PS	Replacement Pump Head for 5 GPM Pumps, 3/4" Quick Attach, Pressure Switch, 5950 Models

Part Number	Lower Housing Assembly: Includes Diaphragm, Wobbler, Cam, and Bearing
LHA-5850	Lower Housing Assembly for 4 GPM Pumps, 5850/5950 Models

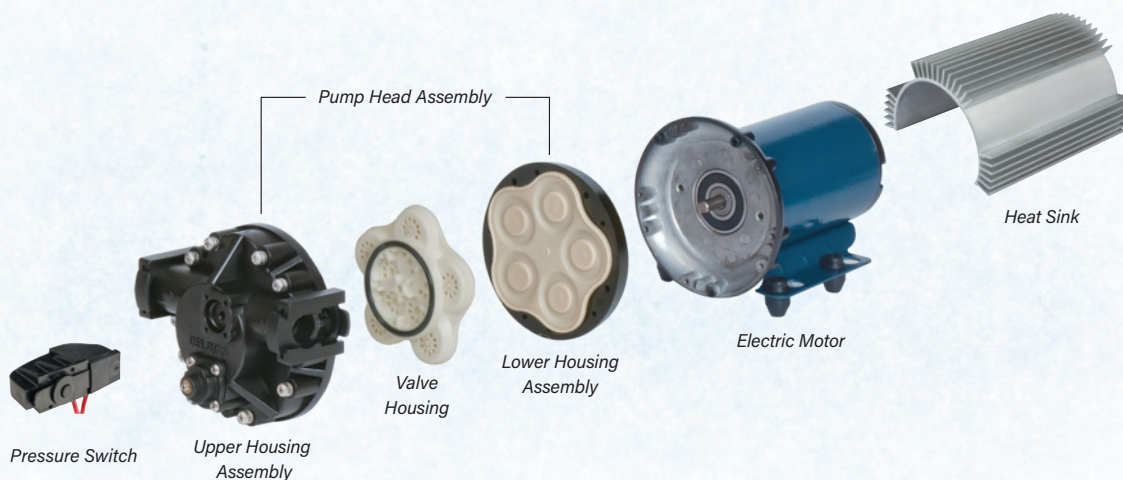
Part Number	Valve Housing Assembly: Includes Viton or Santoprene Valves and Valve Housing
VHA-5800	Valve Housing Assembly, Demand or Bypass Models, 5800/5900 Series

Part Number	Valve Plate and Lower Housing Assembly
VLA-5850-RT	Valve Plate/Lower Housing for 5 GPM Pumps, 5850/5950

Part Number	Pressure Switch
7800-PSW-100	Pressure Switch - All Demand Models Pumps

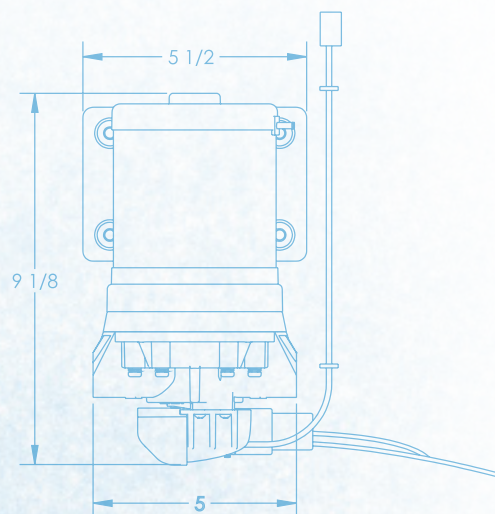
Part Number	Replacement Motors
M12-58B	Replacement Motor for 5800/5900 Series Pumps, Demand, 12 VDC with 2 Pin Connector (xxxx-201)
M12-58C	Replacement Motor for 5800/5900 Series Pumps, Demand, 12 VDC with Switch and 2 Pin Connector (xxxx-301)
M70-558-J0	Replacement Motor for 5800/5900 Series Pumps, Bypass, 115V (xxxx-114 & xxxx-104)
M70-563-JDS	Replacement Motor for 5800/5900 Series Pumps, 12 VDC, Bypass, Sealed Housing, Delphi Plug (xxxx-111)
M24-58B	Replacement Motor for 5800/5900 Series Pumps, 24 VDC, with 2 Pin Connector

Part Number	Heat Sink
50-076	Heat Sink for 7800, 3000, 5800 and 5900 Series Pumps



Diaphragm Pumps

Engineered for Excellence



FB Series – 7.0 GPM

Pump Type: Bypass, Demand

Flow: Up to 7 GPM

Pressure: Up to 100 PSI

Valves: Santoprene

Diaphragm: Santoprene

Ports: 1/2" FNPT, 3/4" Quick Attach

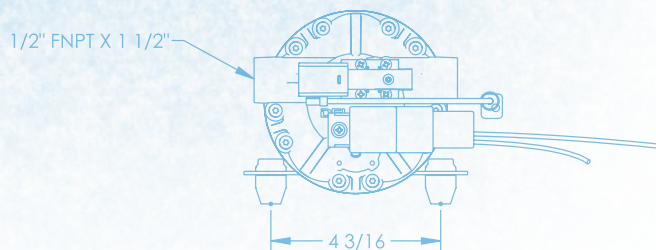
Power: 12 V – Wire Leads with 2-Pin Molded Connector

Weight: 8 lbs.

Packaging: Bulk Box, Retail Box

Shipping: 6 Per Carton, Single

- 100% Factory Tested
- NSF Approved
- High Torque Motor for Superior Flow at Pressure
- Self-Priming
- Can be Run Dry

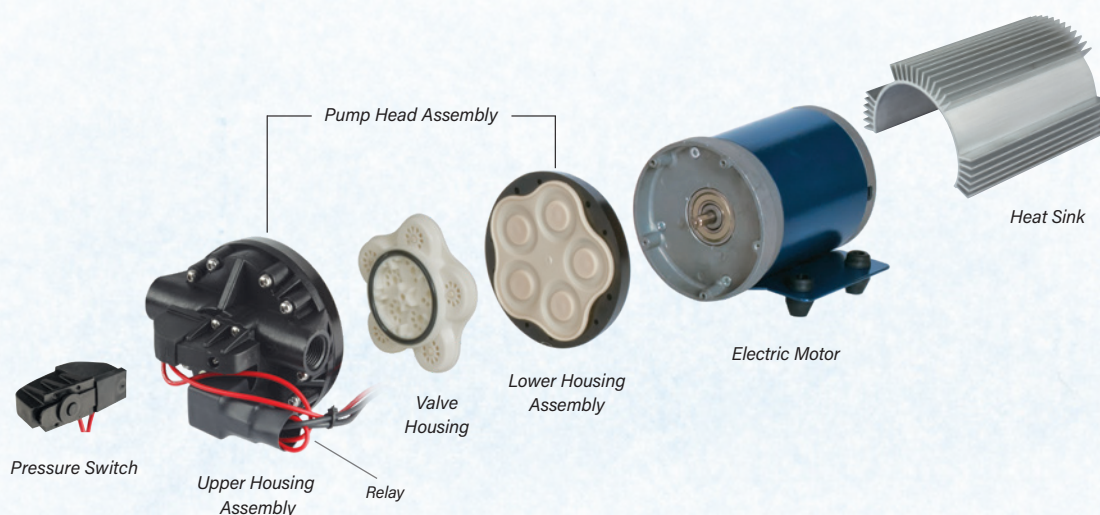


FB2 Series Standard Pumps *(Custom configurations available per customer request)*

Part Number	Flow	Controls	PSI	Valves	Diaphragm	Ports	Power
7870-101E	7 GPM	Demand	60	Santoprene	Santoprene	1/2" FNPT	12 VDC
7870-111E	7 GPM	Bypass	60	Santoprene	Santoprene	1/2" FNPT	12 VDC
7970-101E	7 GPM	Demand	60	Santoprene	Santoprene	3/4" Quick Attach	12 VDC
7970-111E	7 GPM	Bypass	60	Santoprene	Santoprene	3/4" Quick Attach	12 VDC
115 VAC							
7870-104E	7 GPM	Demand	60	Santoprene	Santoprene	1/2" FNPT	115 VAC
100 PSI Pumps							
7870-101Y	7 GPM	Demand	100	Santoprene	Santoprene	1/2" FNPT	12 VDC
7870-111Y	7 GPM	Bypass	100	Santoprene	Santoprene	1/2" FNPT	12 VDC
7970-101Y	7 GPM	Demand	100	Santoprene	Santoprene	3/4" Quick Attach	12 VDC
7970-111Y	7 GPM	Bypass	100	Santoprene	Santoprene	3/4" Quick Attach	12 VDC

Replacement Parts

Part Number	Replacement Pump Heads
PHA-7870-B	Replacement Pump Head for FB2 7GPM Pumps, 1/2" Threaded Ports, Bypass, 7870 Models
PHA-7870-PS	Replacement Pump Head for FB2 7GPM Pumps, 1/2" Threaded Ports, Pressure Switch, 7870 Models
PHA-7970-B	Replacement Pump Head for FB2 7GPM Pumps, 3/4" Quick Attach, Bypass, 7870 Models
PHA-7970-PS	Replacement Pump Head for FB2 7GPM Pumps, 3/4" Quick Attach, Pressure Switch, 7870 Models
Part Number	Upper Housing Assembly: Includes Pump Head Housing and either Pressure Switch or Bypass Switch
UHA-7800-B	Upper Housing Assembly, 1/2" Threaded Ports, Bypass, FB Models
UHA-7800-PS	Upper Housing Assembly, 1/2" Threaded Ports, Demand, FB Models
UHA-7900-B	Upper Housing Assembly, 3/4" Quick Attach, Bypass, FB Models
UHA-7900-PS	Upper Housing Assembly, 3/4" Quick Attach, Demand, FB Models
Part Number	Lower Housing Assembly: Includes Diaphragm, Wobbler, Cam, and Bearing
LHA-7870	Lower Housing Assembly for FB2 7 GPM Pumps, 7870/7970 Models
Part Number	Valve Housing Assembly: Includes Viton or Santoprene Valves and Valve Housing
VHA-7870	Valve Housing Assembly, Demand or Bypass Models, , FB2/FB3 Series
Part Number	Valve Plate and Lower Housing Assembly
VLA-7870-RT	Valve Plate/Lower Housing for FB2 7 GPM Pumps, 7870/7970 Models
Part Number	Pressure and Relay Switch Assembly
7800-PSW-100	Pressure Switch - All Demand Models Pumps
FBR-102	FB Series Relay with Heat Shrink Boot
Part Number	Replacement Motors
M12-7870A	Replacement Motor for FB2/FB3 No Connectors
Part Number	Heat Sink
50-026	Heat Sink for all FB Series Pumps



FB3 Series Standard Pumps *(Custom configurations available per customer request)*

Part Number	Flow	Controls	PSI	Valves	Diaphragm	Ports	Power
7871-101E	7 GPM	Demand	60	Santoprene	Steel Reinforced Santoprene	1/2" FNPT	12 VDC
7871-111E	7 GPM	Bypass	60	Santoprene	Steel Reinforced Santoprene	1/2" FNPT	12 VDC
7971-101E	7 GPM	Demand	60	Santoprene	Steel Reinforced Santoprene	3/4" Quick Attach	12 VDC
7971-111E	7 GPM	Bypass	60	Santoprene	Steel Reinforced Santoprene	3/4" Quick Attach	12 VDC
115 VAC							
7871-114E	7 GPM	Bypass	60	Santoprene	Santoprene	1/2" FNPT	115 VAC
7871-104E	7 GPM	Demand	60	Santoprene	Santoprene	1/2" FNPT	115 VAC
7971-114E	7 GPM	Bypass	60	Santoprene	Santoprene	3/4" Quick Attach	115 VAC
7971-104E	7 GPM	Demand	60	Santoprene	Santoprene	3/4" Quick Attach	115 VAC
100 PSI Pumps							
7871-101Y	7 GPM	Demand	100	Santoprene	Santoprene	1/2" FNPT	12 VDC
7871-111Y	7 GPM	Bypass	100	Santoprene	Santoprene	1/2" FNPT	12 VDC
7971-101Y	7 GPM	Demand	100	Santoprene	Santoprene	3/4" Quick Attach	12 VDC
7971-111Y	7 GPM	Bypass	100	Santoprene	Santoprene	3/4" Quick Attach	12 VDC



Replacement Parts

Part Number	Replacement Pump Heads
PHA-7871-B	Replacement Pump Head for FB3 7GPM Pumps, 1/2" Threaded Ports, Bypass, 7871 Models
PHA-7871-PS	Replacement Pump Head for FB3 7GPM Pumps, 1/2" Threaded Ports, Pressure Switch, 7871 Models
PHA-7971-B	Replacement Pump Head for FB3 7GPM Pumps, 3/4" Quick Attach, Bypass, 7871 Models
PHA-7971-PS	Replacement Pump Head for FB3 7GPM Pumps, 3/4" Quick Attach, Pressure Switch, 7871 Models

Part Number	Upper Housing Assembly: Includes Pump Head Housing and either Pressure Switch or Bypass Switch
UHA-7800-B	Upper Housing Assembly, 1/2" Threaded Ports, Bypass, FB Models
UHA-7800-PS	Upper Housing Assembly, 1/2" Threaded Ports, Demand, FB Models
UHA-7900-B	Upper Housing Assembly, 3/4" Quick Attach, Bypass, FB Models
UHA-7900-PS	Upper Housing Assembly, 3/4" Quick Attach, Demand, FB Models

Part Number	Lower Housing Assembly: Includes Diaphragm, Wobbler, Cam, and Bearing
LHA-7871	Lower Housing Assembly for FB3 7 GPM Pumps, with Reinforced Diaphragm, 7871/7971 Models

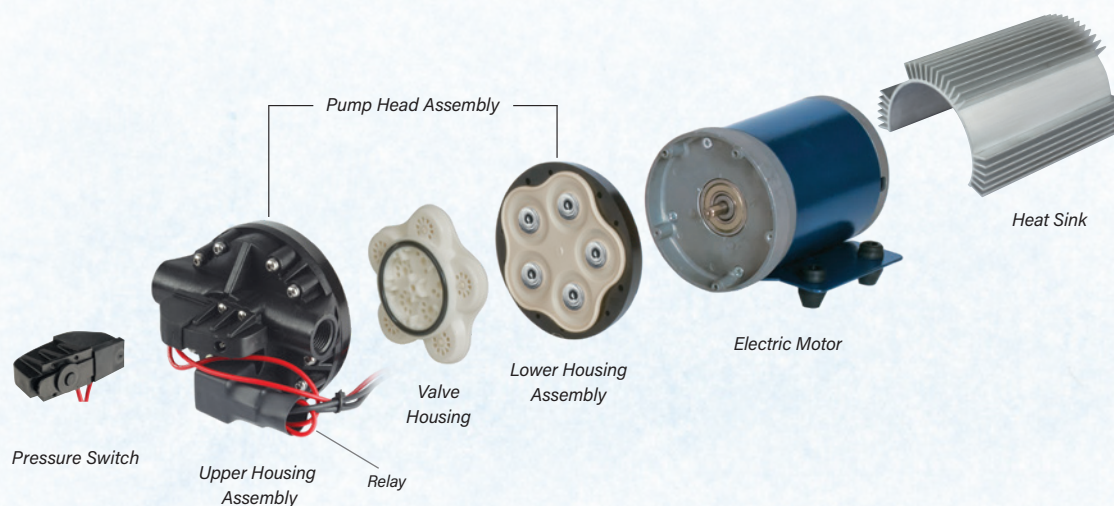
Part Number	Valve Housing Assembly: Includes Viton or Santoprene Valves and Valve Housing
VHA-7870	Valve Housing Assembly, Demand or Bypass Models, , FB2/FB3 Series

Part Number	Valve Plate and Lower Housing Assembly
VLA-7871-RT	Valve Plate/Lower Housing for FB3 7 GPM Models, 7871/7971 Models

Part Number	Pressure and Relay Switch Assembly
7800-PSW-100	Pressure Switch Assembly - All Models with Pressure Switches
FBR-102	FB Series Relay with Heat Shrink Boot

Part Number	Replacement Motors
M12-7870A	Replacement Motor for FB2/FB3 No Connectors

Part Number	Heat Sink
50-126	Heat Sink for all FB Series Pumps



Diaphragm Pumps

Engineered for Excellence



FB6 Double Pump Series

Pump Type: Bypass, Demand

Flow: Up to 10 GPM

Pressure: Up to 100 PSI

Valves: Santoprene

Diaphragm: Santoprene

Ports: 3/4" QA or 1/2" FNPT

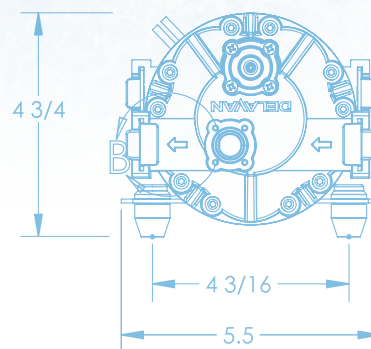
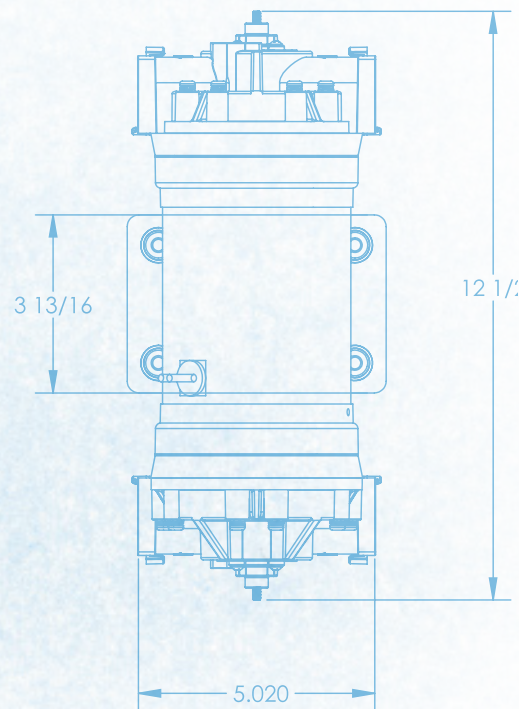
Power: 12 V, 24 V, 120 VAC

Weight: 12 lbs

Packaging: Bulk Box, Retail Box

Shipping: 4 per carton, single

- Double Sided Design Engineered for Extreme Flow and up to 3x Longer Life
- High Torque Motor for Industry Leading Flow at Pressure
- Heavy Duty Reinforced Diaphragm Extends Pump Life in Demanding Applications
- 100% Factory Tested
- Self-Priming



Double Pump 10 GPM

Part Number	Flow	Flow Controls	PSI	Valves	Diaphragm	Ports	Power
7972-111E-SB	10 GPM	Bypass	60	Santoprene	Steel Reinforced Diaphragm	3/4" Quick Attach	12 VDC
7972-111Y-SB	10 GPM	Bypass	100	Santoprene	Steel Reinforced Diaphragm	3/4" Quick Attach	12 VDC

The all-new innovative Double Pump is the largest, most efficient diaphragm pump for applications that require high flow at your fingertips. It can be set up as 1:1 proportioning pump, allowing users to pump from two tanks at the same time, making mixing fluids a breeze.



Diaphragm Pumps

Engineered for Excellence



Quick Attach Diaphragm Pump Fittings

Delavan's quick attach port fittings are a "no tools, no problem" approach designed to provide flexibility for your diaphragm pump when connecting hoses for a spot or boom sprayer. Capable of working on all Delavan Quick Attach Diaphragm Pumps, these fittings make it fast and simple to attach hoses with an inside diameter of 1/2", 3/4", or 3/8". Delavan's patented Quick Connect with Hose Barb Fittings are made of nylon and plastic material for withstanding severe conditions. Featuring a chemically resistant Viton o-ring seal which has exceptional sealing and durability qualities.



No matter what your equipment or application, Delavan supplies all the fittings you'll need to get your new diaphragm pump installed and working correctly.



FP-FA225-RT



3DFA12



3DFA38



3DFE12

3000 Series Fittings

Product Number	FB SERIES FITTINGS
3DFA12	1/2" Straight Hose Barb to 5/8" Quick Attach
3DFA38	3/8" Straight Hose Barb to 5/8" Quick Attach
3DFE12	1/2" Elbow Hose Barb to 5/8" Quick Attach
3DFE38	3/8" Elbow Hose Barb to 5/8" Quick Attach
3DFF12	1/2" Straight FNPT to 5/8" Quick Attach
3DFF38	3/8" Straight FNPT to 5/8" Quick Attach
FP-3CH-58QA-12B	Replacement Fitting Pack Retail - 3 Chamber (2) 5/8" Straight Quick Attach to 1/2" Barb (3DFA12) (1) 5/8" Elbow Quick Attach to 1/2" Barb (3DFE12)
FP-3CH-58QA-38B	Replacement Fitting Pack Retail - 3 Chamber (1) 5/8" Straight Quick Attach Straight to 3/8" Barb (3DFA38) (1) 5/8" Elbow Quick Attach Elbow to 3/8" Barb (3DFE38)

5800/5900 Series Fittings

Product Number	FB SERIES FITTINGS
5DFA12	1/2" Straight Hose Barb to 3/4" Quick Attach
5DFA34	3/4" Straight Hose Barb to 3/4" Quick Attach
5DFA38	3/8" Straight Hose Barb to 3/4" Quick Attach
5DFE12	1/2" Elbow Hose Barb to 3/4" Quick Attach
5DFE34	3/4" Elbow Hose Barb to 3/4" Quick Attach
5DFE38	3/8" Elbow Hose Barb to 3/4" Quick Attach
FP-5CH12-RT	(2) 1/2" Straight Hose Barb to 3/4" Quick Attach (5DFA12) (1) 1/2" Elbow Hose Barb to 3/4" Quick Attach (5DFE12)

FB Series Fittings

Product Number	FB SERIES FITTINGS
5DFA12	1/2" Straight Hose Barb to 3/4" Quick Attach
5DFA34	3/4" Straight Hose Barb to 3/4" Quick Attach
5DFA38	3/8" Straight Hose Barb to 3/4" Quick Attach
5DFE12	1/2" Elbow Hose Barb to 3/4" Quick Attach
5DFE34	3/4" Elbow Hose Barb to 3/4" Quick Attach
5DFE38	3/8" Elbow Hose Barb to 3/4" Quick Attach
FP-5CH34-RT	(2) 3/4" Straight Hose Barb to 3/4" Quick Attach (5DFA34) (1) 3/4" Elbow Hose Barb to 3/4" Quick Attach (5DFE34)

Roller Pumps

Engineered for Excellence



RollerPRO Series

Delavan Fluid Power RollerPRO pumps are the #1 field proven sprayer pumps in the industry capable of accepting a variety of liquids for different applications. Delavan designs, engineers and manufactures a wide variety of roller pumps to meet the widest range of needs our customers demand.

To ensure the best performance for your investment, we incorporate such features as "Ultra" rollers, heavy-duty sealed bearings, Viton seal rings, stainless steel shafts and rotors, and close tolerance machining. All standard. All Delavan RollerPRO pumps are 100% field serviceable saving you precious time and money when needing to replace rollers.



Replacing rollers in the field is as easy as 1, 2, 3



1

Loosen and remove the 4 bolts on end plate of pump and slide off.



2

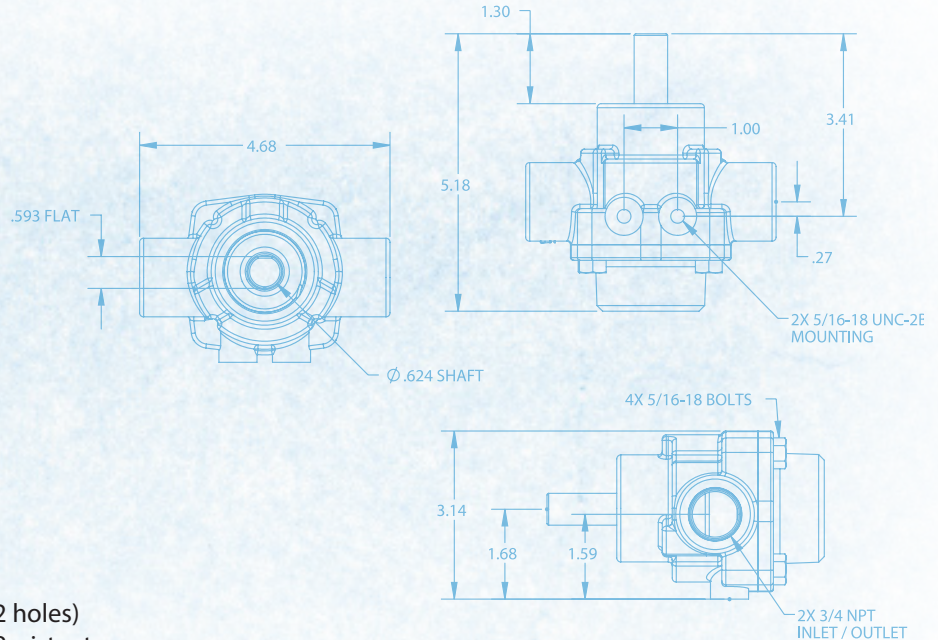
Replace rollers and rotor (if needed).



3

Slide on end plate, tighten bolts and go!





RollerPRO– 4900 Series

Pump Type: 4-roller design

Max Pressure: 100 PSI

Max Recommended Temperature: 140°F

Port Size: 3/4" FNPT

Mounting: Base Mounted: 5/16" – 18UNC-2B (2 holes)

Housing: Cast Iron with Blue Epoxy Corrosion Resistant Paint or Diamond Stainless Steel

Rollers: Four 1/2" Ultra Rollers

Shaft Seals: Viton Cartridge Type Lip Seals

Fasteners: Stainless Steel

Weight: 6 lbs.

Dimensions: (W x D x H): 4-3/4" x 4" x 3.25"

Shaft: 4900C & 4901C, Extra Fine Finish 404 SST

4900DSS & 4901DSS, Extra Fine Finish 416 SST

Bearings: Permanently-Lubricated, Heavy Duty Sealed Bearings

Couplers: 90000, 90200, 90400, 90600

Performance

PSI	1800 RPM	2200 RPM	2600 RPM
0	6.3	7.7	9.2
20	5.8	6.9	8.5
40	5	6.2	7.9
60	4.4	5.6	7.5
80	3.8	5.2	7.2
100	3.4	4.8	6.8

RollerPRO- 4 Rollers

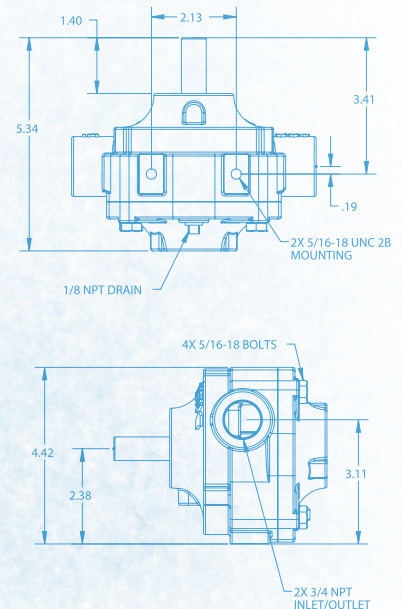
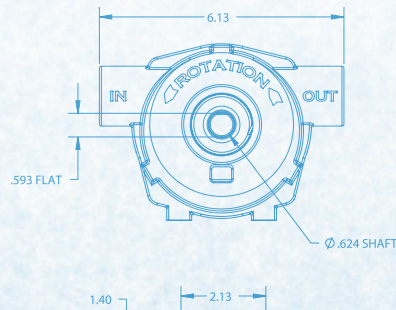
Part Number	Rollers	Flow	Casting	Shaft Size	Ports	Max Pressure	Power	Shaft Rotation
4900C	4	9.2 GPM	Cast Iron	5/8" Solid Shaft	3/4" FNPT	100 PSI	Gas Engine / PTO & Gear Box	Clockwise
4901C	4	9.2 GPM	Cast Iron	5/8" Hollow Shaft	3/4" FNPT	100 PSI	Gas Engine / PTO & Gear Box	Clockwise
4901C-M12	4	9.2 GPM	Cast Iron	5/8" Hollow Shaft	3/4" FNPT	100 PSI	12 VDC	Clockwise
4901DSS	4	9.2 GPM	Diamond Stainless Steel	5/8" Hollow Shaft	3/4" FNPT	100 PSI	Gas Engine / PTO & Gear Box	Clockwise
4901DSS-M12	4	9.2 GPM	Diamond Stainless Steel	5/8" Hollow Shaft	3/4" FNPT	100 PSI	Gas Engine / PTO & Gear Box	Clockwise
4900DSS	4	9.2 GPM	Diamond Stainless Steel	5/8" Solid Shaft	3/4" FNPT	100 PSI	12 VDC	Clockwise

Repair Kits

Product Number	Repair Kits & Replacement Parts
RK-4900	Repair Kit 4900 Series Includes Ultra Rollers, Needle Bearing, Shaft Seals, O-Rings, Shaft Key and Instructions
RK-31410-RT	4900 Shaft and Rotor Repair Kit Includes: Rotor, Pill Key, Bearing, End Plate Insert, Seals (2), Shaft Ring, Pump Shaft
50102-1	12 VDC Motor For 4900 Series Electric Roller Pump

Roller Pumps

Engineered for Excellence



RollerPRO– 6900 Series

Pump Type: 6-roller design

Max Pressure: 150 PSI

Max Recommended Temperature: 140°F

Port Size: 3/4" FNPT

Mounting: Base Mounted: 5/16" – 18UNC-2B (2 holes)

Housing: Cast Iron with Blue Epoxy Corrosion Resistant Paint or Diamond Stainless Steel

Rollers: Six 3/4" Ultra Rollers

Shaft Seals: Viton Cartridge Type Lip Seals

Fasteners: Stainless Steel

Weight: 8 lbs.

Dimensions: (W x D x H): 6" x 5.25" x 4.5"

Shaft: 6900C & 6901, Extra Fine Finish 404 SST

6900DSS & 6901DSS, Extra Fine Finish 416 SST

Bearings: Permanently-Lubricated, Heavy Duty Sealed Bearings

Couplers: 90000, 90200, 90400, 90600

Performance

PSI	540 RPM	1000 RPM	1200 RPM
0	10.5	19.6	22.8
20	9.7	19	22
40	8.6	18.4	21.3
80	8.1	17.5	20.5
100	6.9	16.3	19.7
150	5.5	15	18.9

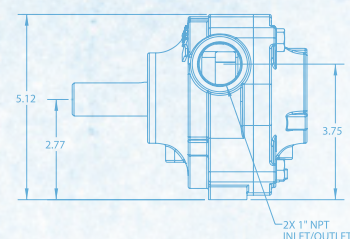
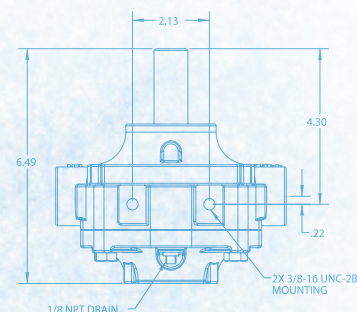
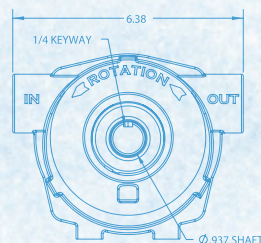
RollerPRO– 6 Rollers

Part Number	Rollers	Flow	Casting	Shaft Size	Ports	Max Pressure	Power	Shaft Rotation
6900C (55NL45)	6	22.8 GPM	Cast Iron	5/8" Solid Shaft	3/4" FNPT	150 PSI	PTO	Counter Clockwise
6900C-R (55NL46)	6	22.8 GPM	Cast Iron	5/8" Solid Shaft	3/4" FNPT	150 PSI	PTO	Clockwise
6901C	6	22.8 GPM	Cast Iron	5/8" Hollow Shaft	3/4" FNPT	150 PSI	PTO	Counter Clockwise
6900DSS (55NL49)	6	22.8 GPM	Diamond Stainless Steel	5/8" Solid Shaft	3/4" FNPT	150 PSI	PTO	Counter Clockwise
6900DSS-R (55NL50)	6	22.8 GPM	Diamond Stainless Steel	5/8" Solid Shaft	3/4" FNPT	150 PSI	PTO	Clockwise
DPK-6900C	6	22.8 GPM	Cast Iron	5/8" Solid Shaft	3/4" FNPT	150 PSI	PTO	Counter Clockwise
DPK-6900DSS	6	22.8 GPM	Diamond Stainless Steel	5/8" Solid Shaft	3/4" FNPT	150 PSI	PTO	Counter Clockwise

DPK comes equipped with Coupler, Torque Bar & Chain, see page 33.

Repair Kits

Product Number	Repair Kits
RK-6900	Repair Kit 6900 Series - Includes Ultra Rollers, Needle Bearing, Shaft Seals, O-Rings, Shaft Key and Instructions
RK-31610-RT	6900 Shaft and Rotor Repair Kit Includes: Rotor, Pill Key, Bearing, End Plate Insert, Seals (2), Shaft Ring, Pump Shaft



RollerPRO– 7900 Series

Pump Type: 7-roller design

Max Pressure: 150 PSI

Max Recommended Temperature: 140°F

Port Size: 1" FNPT

Mounting: Base Mounted: 3/8" – 18UNC-2B (2 holes)

Housing: Cast Iron with Blue Epoxy Corrosion Resistant Paint or Diamond Stainless Steel

Rollers: Seven 3/4" Ultra Rollers

Shaft Seals: Viton Cartridge Type Lip Seals

Fasteners: Stainless Steel

Weight: 8 lbs.

Dimensions: (W x D x H): 6.5" x 6.5" x 5.25"

Shaft: 7900C, Extra Fine Finish 404 SST

7900DSS-R, Extra Fine Finish 416 SST

Bearings: Permanently-Lubricated, Heavy Duty Sealed Bearings

Couplers: 90100, 90300, 90500, 90700

Performance

PSI	540 RPM	1000 RPM	1200 RPM
0	15.2	17.7	22.5
20	14.5	17	21.8
40	13.6	16.2	21
80	12.8	15.6	20.7
100	12	15	20
150	11	14.5	19

RollerPRO– 7 Rollers

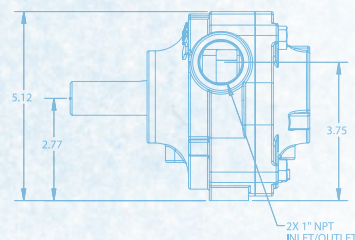
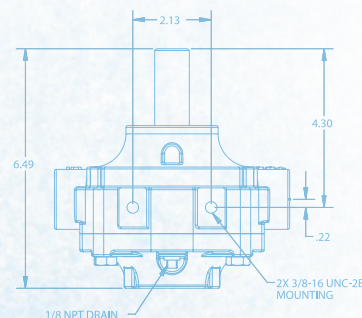
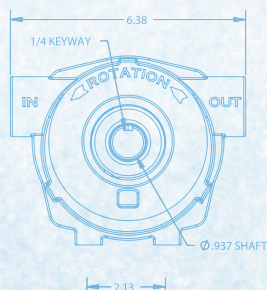
Part Number	Rollers	Flow	Casting	Shaft Size	Ports	Max Pressure	Power	Shaft Rotation
7900C	7	22.5 GPM	15/16 Solid Steel	15/16 Solid Steel	1" FNPT	150 PSI	PTO	Counter Clockwise
7900DSS	7	22.5 GPM	15/16 Solid Steel	15/16 Solid Steel	1" FNPT	150 PSI	PTO	Counter Clockwise

Repair Kits

Product Number	Repair Kits
RK-7900	Repair Kit 7900 Series - Includes Ultra Rollers, Needle Bearing, Shaft Seals, O-Rings, Shaft Key and Instructions
RK-31710-RT	7900 Shaft and Rotor Repair Kit Includes: Rotor, Pill Key, Bearing, End Plate Insert, Seals (2), Shaft Ring, Pump Shaft

Roller Pumps

Engineered for Excellence



RollerPRO— 8900 Series

Pump Type: 8-roller design

Max Pressure: 150 PSI

Max Recommended Temperature: 140°F

Port Size: 1" FNPT

Mounting: Base Mounted: 5/16" – 18UNC-2B (2 holes)

Housing: Cast Iron with Blue Epoxy Corrosion Resistant Paint or Diamond Stainless Steel

Rollers: Eight, 3/4" Ultra Rollers

Shaft Seals: Viton Cartridge Type Lip Seals

Fasteners: Stainless Steel

Weight: 9 lbs.

Dimensions: (W x D x H) 6" x 5.25" x 4.5"

Shaft: 8900 Series, Extra Fine Finish 404 SST
8900DSS & 8901DSS Extra Fine Finish 416 SST

Bearings: Permanently-Lubricated, Heavy Duty Sealed Bearings

Couplers: 90100, 90300, 90500, 90700

Performance

PSI	540 RPM	1000 RPM	1200 RPM
0	13	20.2	24
20	12.4	19.8	23.2
40	11.6	19.1	22.4
80	10.9	18.4	21.4
100	10.6	18.6	21.8
150	10	17.9	20.9

RollerPRO- 8 Rollers

Part Number	Rollers	Flow	Casting	Shaft Size	Ports	Max Pressure	Power	Shaft Rotation
8900C (55NL47)	8	24 GPM	Cast Iron	15/16" Solid Steel	1" FNPT	150 PSI	PTO	Counter Clockwise
8900C-R (55NL48)	8	24 GPM	Cast Iron	15/16" Solid Steel	1" FNPT	150 PSI	PTO	Clockwise
8900DSS (55NL51)	8	24 GPM	Diamond Stainless Steel	15/16" Solid Steel	1" FNPT	150 PSI	PTO	Counter Clockwise
8900DSS-R (55NL52)	8	24 GPM	Diamond Stainless Steel	15/16" Solid Steel	1" FNPT	150 PSI	PTO	Clockwise
DPK-8900C	8	24 GPM	Cast Iron	15/16" Solid Steel	1" FNPT	150 PSI	PTO	Counter Clockwise
DPK-8900DSS	8	24 GPM	Diamond Stainless Steel	15/16" Solid Steel	1" FNPT	150 PSI	PTO	Counter Clockwise

DPK comes equipped with Coupler, Torque Bar & Chain, see page 33.

Product Number	Repair Kits
RK-8900	Repair Kit 8900 Series - Includes Ultra Rollers, Shaft Seals, O-Rings, Shaft Key and Instructions
RK-31810-RT	8900 Shaft and Rotor Repair Kit Includes: Shaft, Rotor, Pill Key, Shaft Seal, Ball Bearing

RollerPro—Accessories



DPK-6900C

Delevan top-quality Universal Repair Kits are always the perfect fix and perfect fit. We keep you up and running!

Repair kits



Quick Couplers



Universal Repair Kits (Fit Delavan Roller Pumps Made Before 2015 and Competitor Brands (Hypro))

Product Number	Description
44-4000RK	Universal Repair Kit 4 Roller - Includes 11/16" Ultra Rollers, Shaft Seals, Ring, Instructions
66-6500RK	Universal Repair Kit 6 Roller - Includes 11/16" Ultra Rollers, Shaft Seals, Ring, Instructions
70-7700RK	Universal Repair Kit 7 Roller - Includes 11/16" Ultra Rollers, Shaft Seals, Ring, Instructions
88-7560RK	Universal Repair Kit 8 Roller - Includes 11/16" Ultra Rollers, Shaft Seals, Ring, Instructions

Quick Couplers

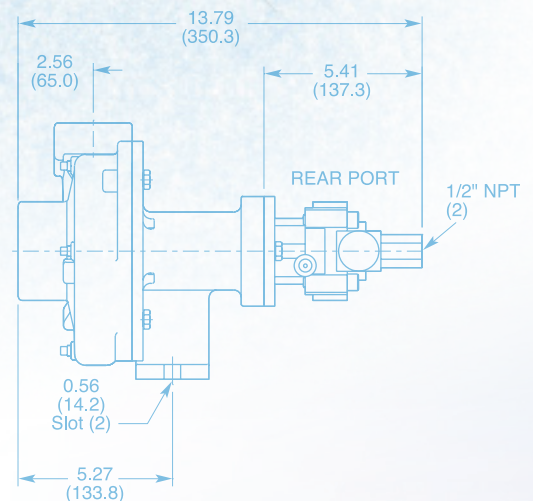
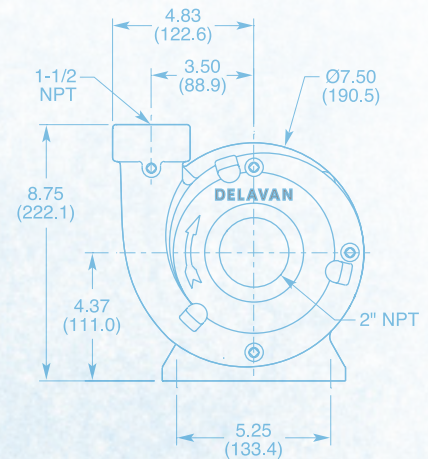
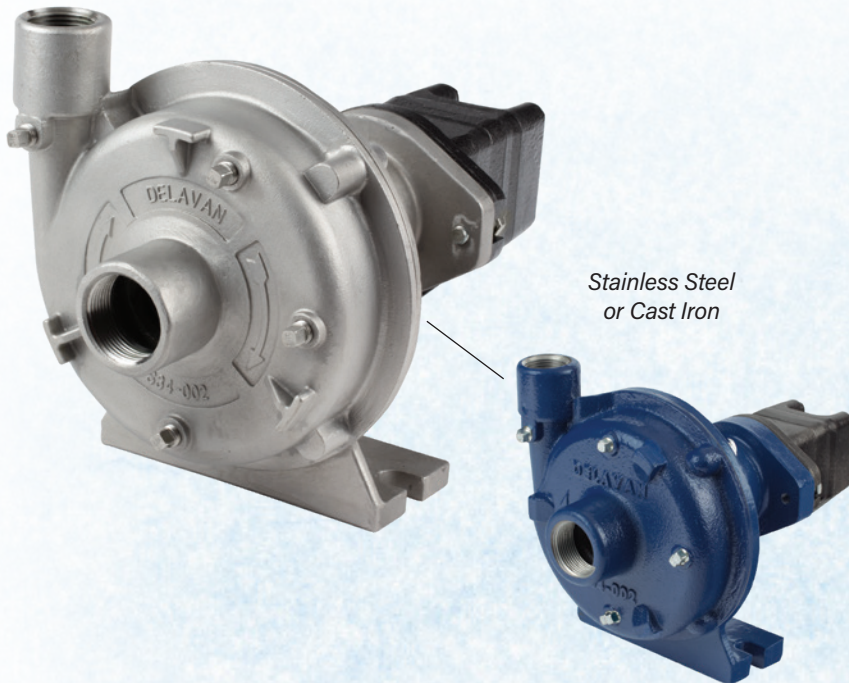
Product Number	Description
90000	1-3/8" PTO Quick Coupler, 9 Tooth, Dual Speed, 5/8" Shaft, Steel, (4900 & 6900 Series)
90100	1-3/8" PTO Quick Coupler, 9 Tooth, Dual Speed, 15/16" Shaft, Steel (7900 & 8900 Series)
90200	1-3/8" PTO Quick Coupler, 9 Tooth, Dual Speed, 5/8" Shaft, Aluminum (4900 & 6900 Series)
90300	1-3/8" PTO Quick Coupler, 9 Tooth Dual Speed, 15/16" Shaft, Aluminum (7900 & 8900 Series)
90400	1-3/8" PTO Quick Coupler, 21 Tooth, 1000RPM, 5/8" Shaft (4900 And 6900 Series)
90500 (56FD12)	1-3/8" PTO Quick Coupler, 21 Tooth, 1000RPM, 15/16" Shaft (7900, 8900 & T90 Series)
90600	1-3/8" PTO Quick Coupler, 6 Tooth, 540RPM, 5/8" Shaft (4900 & 6900 Series)
90700	1-3/8" PTO Quick Coupler, 6 Tooth, 540RPM, 15/16" Shaft (7900, 8900 & T90 Series)
90800 (56FD13)	1-3/4" PTO Quick Coupler, 20 Tooth, 1000RPM, 15/16" Shaft (7900, 8900 & T90 Series)

Torque Bar And Chain

Product Number	Description
33680	Torque Bar And Chain (33680) Assembly, Roller Pumps

Centrifugal Pumps

Engineered for Excellence



HD Magnum— 95 to 245 GPM

Pump Type: Centrifugal

Max Pressure: 130 PSI

Max Recommended Temperature: 140°F

Pump Housing: Cast Iron or Stainless Steel

Impeller: Nylon (standard) or Polypropylene (optional)

Mechanical Seals/ Cast Iron: Viton/Ceramic Seals (standard)

Mechanical Seals/ Stainless Steel: Viton/Silicon Carbide (standard)

Motor Hydraulic Ports: 3/4" or 7/8" SAE x FNPT, Rear Ports

Motor Housing: Aluminum

Weight: 29 lbs.

Delavan HD Magnum pumps handle high capacity liquid transfer with ease.

Our heavy casing pumps increases the life of pump components by resisting corrosion and abrasion, assuring reliability in the field for years.



HD Magnum

Part Number	Flow	Casting	Ports	Impeller	Seals	Motor
M125C-PM37	95 GPM	Cast Iron	1-1/4 Inlet with 1" Outlet	Nylon	Viton/Ceramic Seals	PM37 - 7-10 GPM
M125C-PM37-VS	95 GPM	Cast Iron	1-1/4 Inlet with 1" Outlet	Nylon	Viton/Silicon	PM37 - 7-10 GPM
M125C-PM45	95 GPM	Cast Iron	1-1/4 Inlet with 1" Outlet	Nylon	Viton/Ceramic Seals	PM45 - 10-13 GPM
M125S-PM37	95 GPM	Stainless Steel	1-1/4 Inlet with 1" Outlet	Nylon	Viton/Silicon	PM37 - 7-10 GPM
M125S-PM45	95 GPM	Stainless Steel	1-1/4 Inlet with 1" Outlet	Nylon	Viton/Ceramic Seals	PM45 - 10-13 GPM

Part Number	Flow	Casting	Ports	Impeller	Seals	Motor
M150C-PM37	191 GPM	Cast Iron	1-1/2" Inlet with 1-1/4" Outlet	Nylon	Viton/Ceramic Seals	PM37 - 7-10 GPM
M150C-PM37-VS	191 GPM	Cast Iron	1-1/2" Inlet with 1-1/4" Outlet	Nylon	Viton/Silicon	PM37 - 7-10 GPM
M150C-PM45	191 GPM	Cast Iron	1-1/2" Inlet with 1-1/4" Outlet	Nylon	Viton/Ceramic Seals	PM45 - 10-13 GPM
M150C-PM45-VS	191 GPM	Cast Iron	1-1/2" Inlet with 1-1/4" Outlet	Nylon	Viton/Silicon	PM45 - 10-13 GPM
M150C-PM58	191 GPM	Cast Iron	1-1/2" Inlet with 1-1/4" Outlet	Nylon	Viton/Ceramic Seals	PM58 - 13-15 GPM
M150S-PM45	191 GPM	Stainless Steel	1-1/2" Inlet with 1-1/4" Outlet	Nylon	Viton/Silicon	PM45 - 10-13 GPM
M150S-PM58	191 GPM	Stainless Steel	1-1/2" Inlet with 1-1/4" Outlet	Nylon	Viton/Silicon	PM58 - 13-15 GPM

Part Number	Flow	Casting	Ports	Impeller	Seals	Motor
M200C-PM45	245 GPM	Cast Iron	2" Inlet with 1-1/2" Outlet	Nylon	Viton/Ceramic Seals	PM45 - 10-13 GPM
M200C-PM58	245 GPM	Cast Iron	2" Inlet with 1-1/2" Outlet	Nylon	Viton/Ceramic Seals	PM58 - 13-15 GPM
M200C-PM58-VS	245 GPM	Cast Iron	2" Inlet with 1-1/2" Outlet	Nylon	Viton/Silicon	PM58 - 13-15 GPM
M200S-PM58	245 GPM	Stainless Steel	2" Inlet with 1-1/2" Outlet	Nylon	Viton/Silicon	PM58 - 13-15 GPM

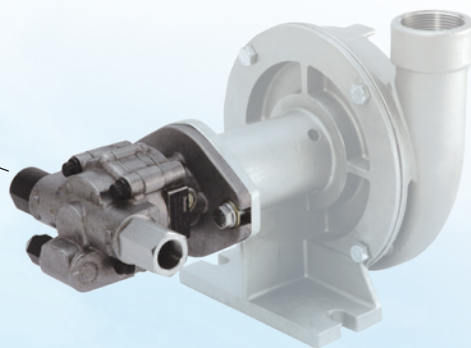


Performance

*Note: Smaller displacement motors on larger pumps can cause hydraulic motor pressure to exceed recommended manufacturer's specifications.

Pump Size	Hydraulic Motor Size	Hydraulic Oil Flow (GPM)	Pump Flow GPM @ Rate PSIG												
			10	20	30	40	50	60	70	80	90	100	110	120	130
M125	PM37	7	69	68	66	63	55	44	25	16					
		8	78	76	75	71	69	61	52	34	15				
		9	79	77	76	73	70	63	59	46	30	8			
M150	PM37*	7	155	144	127	105	65	21							
		8	175	170	161	145	126	104	78	43					
		9	180	172	163	151	138	115	88	64	39				
	PM45	11	180	173	165	152	136	123	101	82	61	32	8		
		12	185	177	169	160	151	138	121	103	82	63	45	11	
		13	191	182	174	168	159	145	133	117	101	86	60	36	
M200	PM58	13	172	165	159	148	136	124	106	86	66	37	12		
	PM45*	11	229	221	217	193	180	149	128	111	75	42	29		
		12	240	136	230	220	205	154	151	137	123	93	81	41	14
		13	245	238	229	216	199	186	167	146	122	108	76	55	17
	PM58	13	232	226	214	200	184	161	139	110	79	36			

Delavan Fluid Power exclusive hydraulic motor feature a compact easy to use design with the high operating efficiency to power your pumping requirements

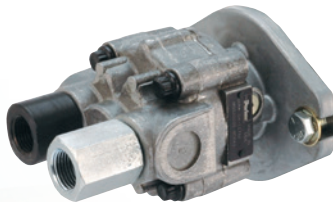


Repair Kits

Product Number	Repair Kits & Replacement Parts
RK-M125VC	Ceramic Seal Assembly For Viton/Ceramic, Frame O-Ring Seal, Square Key
RK-M125VS	Silicone Seal Assembly For M125, Viton/Silicon, Frame O-Ring Seal, Square Key
RK-M215VC	Ceramic Seal Assembly For M150/M200, Viton/Ceramic, Frame O-Ring Seal, Square Key
RK-M215VS	Silicone Seal Assembly For M150/M200, Viton/Silicon, Frame O-Ring Seal, Square Key
35745	Gasket Repair Kit
I34-014	Shafts For M125 Pump
I37-014	Shafts For M150 & M200 Pumps
I34-005	Shaft Removal Key
I34-030	7-10 GPM HD Magnum PM37 3/4" Rear Ported Motor
I34-031	10-13 GPM HD Magnum PM45 3/4" Rear Ported Motor
I34-032	12-15 GPM HD Magnum PM58 7/8" Rear Ported Motor
I34-040	Impeller Assembly, 1-1/4" Nylon For M125 Size Pump
I34-043	Impeller Assembly, 1-1/4" Polypropylene For M125 Size Pump
I37-040	Impeller Assembly, 1-1/2" Nylon Without Insert For M150 Size Pump
I37-047	Impeller Assembly, 1-1/2" Poly Without Insert For M150 Size Pump
I39-040	Impeller Assembly, 2" Nylon For M200 Size Pump
I39-049	Impeller Assembly, 2" Polypropylene For M200 Size Pump

Hydraulic Motors

Delavan Hydraulic Motors are matched to HD Magnum Series Centrifugal pumps.



Rear Ports

Motor Flow (GPM)
PM37: 7-10
PM45: 10-13
PM58: 12-15



Impeller

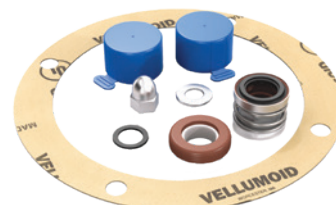
M125- M200 Series



RK-M215VS



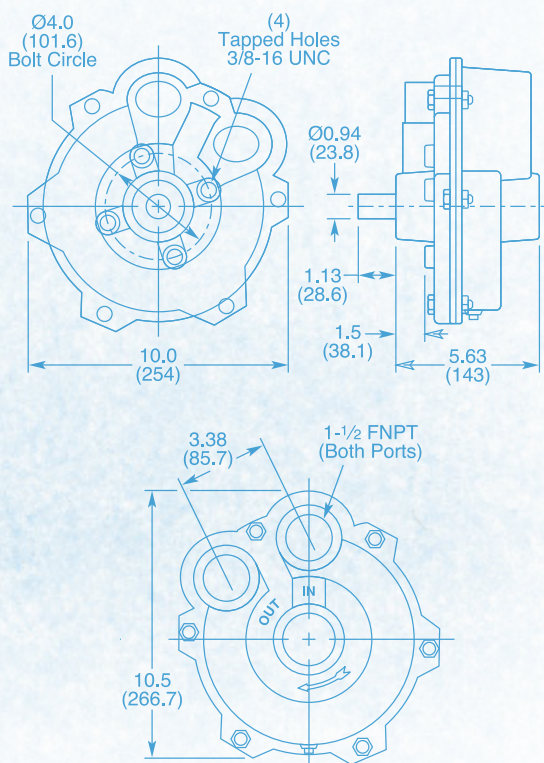
RK-M215VC



Old Style Repair Kit # 35745

Turbine Pumps

Engineered for Excellence



Turbo 90 Series— 90 GPM

Pump Type: Turbine

Max Pressure: 100 PSI

Max Recommended Temperature: 120°F

Port Sizes: 1 1/2" FNPT

Shaft Diameter: 15/16" with 1/4" Keyway

Shaft Rotation: Counter Clockwise

Housing: Cast Iron

Impeller: Nylon

Mechanical Seals: 26556-4, Severe Duty Lip Seals, Viton 26556-11, Standard Duty Face Seals, Ceramic

Weight: 23 lbs.

Dimensions: (W x D x H) 10" x 5.75" x 10.5"

Shaft: Stainless Steel

WARNING: Turbine pumps can not be run dry. Running the pump dry can result in premature failure and void warranty.

Performance

PSI	600 RPM	800 RPM	1000 RPM	1200 RPM
0	45	60	60	90
10	30	47	47	80
20	19	37	37	73
30	8	27	27	65
40		19	19	57
50		11	11	49
60		3	3	42
70			18	35
80			12	31
90			6	25
100				20

Turbo 90 Performance

Part Number	Flow	PSI	Impeller	Shaft	Ports	Power	Rotation	Seals
26556-11	90 GPM	100	Nylon	15/16"	1-1/2"	PTO	Counter Clockwise	Severe Duty - Viton
26556-4 (55NL53)	90 GPM	100	Nylon	15/16"	1-1/2"	PTO	Counter Clockwise	Standard Duty - Viton

Repair Kits

Product Number	Repair Kits & Replacement Parts
28455-1	Repair Kit, T90 Face Seals
28455-2	Repair Kit, T90 Lip Seals
28709	Impeller W/O Hub
30512	Hub, Powdered Metal
34793	Shaft - Turbo 90 - Stainless Steel
26665	Dust Shield
16228	Bearing, Radial Ball, 52mm, Rubber Seals
26556-11	Turbo 90, Turbine Pump, Severe Duty Face Seals
26556-4	Turbo 90, Turbine Pump, Standard Duty Lip Seals



28455-2 Lip Seals
Repair Kit



28455-1 Face Seals
Repair Kit



Delavan Turbo90 PTO pumps are durable transfer pumps built specifically for your various applications. Turbo90 features are designed to power all your farm and field accessories with ease.

Our History

Our Mission Today

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 educational, 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."



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



Nelson B. Delavan

Mission

"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." 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.

Engineered for Excellence

*"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."*

Delavan Standard Warranty

Delavan AG Pumps warrants its products for a period of two (2) years for consumers and 90 days for commercial users. The warranty period begins on the date of manufacture or the purchase date (with proof of purchase). The warranty period is not extended if Delavan repairs or replaces the equipment.

This Delavan AG Pumps warranty will not apply to any subsequent owner or other transferee of the Equipment. Delavan AG Pumps warrants that any new Equipment will be free from defects in workmanship or materials under normal use, maintenance and service (rental use excluded). The Warranty Period is not extended if Delavan AG Pumps repairs or replaces the Equipment. This Limited Warranty does not apply to equipment that has been altered, changed, repaired or treated since its delivery, used equipment, damaged or depreciation due to normal wear and tear. This limited warranty does not apply to defects or damage due to failure to follow Delavan AG Pump's operator's manual, specifications or other written instructions, improper storage, operation, maintenance, application or installation of parts, defects or damage due to misuse, accident or neglect, "acts of God" or other events beyond Delavan AG Pump's reasonable control. Delavan AG Pump's warranty does not apply when damaged by accessories, attachments, tools or parts that were not manufactured by Delavan AG Pumps. If the returned product is found not to be defective under the conditions of this warranty, a charge will be made for repair or replacement. If the returned product is found not to be non-defective under the conditions of this warranty, customer is responsible for cost of labor and goods returned. Delavan AG Pumps reserves the right to charge \$90/hour labor on non-defective good.

The sole and exclusive obligation of Delavan AG Pumps under this or any implied warranty shall be to replace or, at its option, to repair, without charge, any product which is determined by Delavan AG Pumps to be defective in workmanship or materials after the product is returned to the Delavan AG Pumps factory, shipping costs prepaid. No credit shall be given for warrantable items. In no event shall Delavan AG Pumps be liable to any person for indirect or consequential damages or for injury or commercial loss resulting from any use or inability to use any Delavan AG Pumps product. Delavan AG Pumps expressly negates any other warranty, express or implied, including any warranty of merchantability or fitness for a particular purpose, or arising from any course of dealing or custom or usage of trade. No person, including any dealer or representative of Delavan AG Pumps, is authorized to make any representation or warranty on behalf of Delavan AG Pumps in addition to or inconsistent with these provisions. Purchasers to whom these provisions apply agree to hold Delavan AG Pumps harmless from claims by their customers in excess of the obligations of Delavan AG Pumps expressly set forth herein.

Return Policy

For the safety of our employees and handlers, all pumps must be flushed with fresh water for 90 seconds prior to shipping. Delavan AG Pumps reserves the right to request (M)SDS for all chemicals used within. Delavan AG Pumps reserves the right to dispose as scrap any product returned with unknown fluids. Delavan AG Pumps reserves the right to charge returnee for any costs incurred for chemical testing and disposal of unknowns. Please Include complete description of operation problem, such as how pump was used, symptoms of malfunction, etc. to help pinpoint the reason of breakdown.





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