



Experience Innovation

DIAPHRAGM PUMPS

Particularly useful for pumping muddy water, sludge or any liquid with a high percentage of solids - one of the best features of the diaphragm pump is the ability to run dry indefinitely without damage. Available with a gasoline, electric or diesel engine.

APPLICATIONS: Open pit dewatering, manholes, cleaning cesspools and septic tanks, irrigation and agriculture.

D SERIES SPECIFICATIONS SINGLE DIAPHRAGM PUMPS				
UNIT MODEL	SIZE (IN.)	MAX. CAPACITY (GPM)	MAX. HEAD (FT.)	MAX. SOLIDS (IN.)
2D	2	80	41	2.00
3D*	3	88	50	2.375
D SERIES SPECIFICATIONS DOUBLE DIAPHRAGM PUMPS				
4D	4	140	50	2.375

*Available with stainless steel wetted parts

WET PRIMING TRASH PUMPS

Thompson's Wet Priming line includes the Multi-Purpose Heavy Duty HT Series, the Open Trash Sewage TS Series, and the Utility Trash T Series.

APPLICATIONS: Pumping fluids with solids, sewage, flood drainage, deep excavations, ground water dewatering, water transfer.

The Utility Trash Pump Series is superior on small dewatering jobs.

T SERIES SPECIFICATIONS				
UNIT MODEL	SIZE (IN.)	MAX. CAPACITY (GPM)	MAX. HEAD (FT.)	MAX. SOLIDS (IN.)
2T	2	225	95	1.06
3T	3	435	98	1.50
4T	4	680	98	1.75

HT SERIES SPECIFICATIONS				
UNIT MODEL	SIZE (IN.)	MAX. CAPACITY (GPM)	MAX. HEAD (FT.)	MAX. SOLIDS (IN.)
4HT	4	650	127	2.00
6HT	6	1,430	104	3.00
8HT	8	2,500	120	3.00

DRY PRIMING TRASH PUMPS

These versatile pumps are low maintenance, easy to operate and offer automatic dry priming and re-priming.

APPLICATIONS: Open pumping and sewage bypass, pumping polluted, hot or corrosive wastewater, flood-type surface irrigation, water transfer.

Features the environmentally-safe Enviroprime System®.

VACUUM ASSIST SPECIFICATIONS				
UNIT MODEL	SIZE (IN.)	MAX. CAPACITY (GPM)	MAX. HEAD (FT.)	MAX. SOLIDS (IN.)
4V	4	640	104	2.00
6V	6	1,430	104	3.00
8V	8	2,250	144	3.00



WELLPOINT PUMPS

An integral part of Thompson's heritage. Wellpoint Pumps have been specially adapted to handle demanding dewatering applications.

APPLICATIONS: Wellpoint dewatering, sock dewatering, filtered water transfers.

ROTARY WELLPOINT SPECIFICATIONS				
UNIT MODEL	SIZE (IN.)	MAX. CAPACITY (GPM)	MAX. HEAD (FT.)	MAX. (CFM)
6RW	6	1,150	70	190
8RW	8	1,300	120	275
12R	12	2,200	120	400

PISTON WELLPOINT SPECIFICATIONS				
UNIT MODEL	SIZE (IN.)	MAX. CAPACITY (GPM)	MAX. HEAD (FT.)	MAX. (CFM)
6PW	6	400	66	0.53



Capacity and Head shown for comparative purposes. Consult engineering data for exact capabilities.

SILENT KNIGHT® PUMPS

Thompson's high quality Silent Knight® Canopy reduces pump operation sound levels by 20+ dBA. The Silent Knight® canopy is available on most Thompson Pump models.



HIGH HEAD PUMPS

SOLIDS HANDLING: The popular JSC and JSV Series centrifugal pumps provide automatic priming and large solids handling. The durable construction and the highly efficient pump ends provide longer life and economical operations but most importantly lower fuel costs.

APPLICATIONS: Sewer bypassing, dewatering, emergency flood response, transfer of liquids with solids.

HIGH HEAD JSC SPECIFICATIONS				
UNIT MODEL	SIZE (IN.)	MAX. CAPACITY (GPM)	MAX. HEAD (FT.)	MAX. SOLIDS (IN.)
4JSCC	4	1,520	215	3.00
4JSCD	4	1,460	340	3.00
4JSCM	4	1,350	135	3.00
6JSCD	6	1,420	340	3.00
6JSCE	6	2,420	155	3.00
6JSCEE	6	2,600	150	3.00
6JSCL	6	2,010	472	3.00
6JSCV	6	1,580	690	1.00
8JSCE	8	3,200	275	3.00
8JSCW	8	3,900	640	2.00
10JSCG	10	4,100	218	3.00
12JSCAG	12	5,900	440	2.44
12JSCG	12	5,180	340	3.38
12JSCJ	12	7,500	110	3.00
18JSCJ	18	8,800	195	3.00
18JSCK	18	10,500	130	4.00



HIGH HEAD JSV SPECIFICATIONS				
UNIT MODEL	SIZE (IN.)	MAX. CAPACITY (GPM)	MAX. HEAD (FT.)	MAX. SOLIDS (IN.)
4JSVC	4	1,520	215	3.00
4JSVD	4	1,460	340	3.00
4JSVM	4	1,350	135	3.00
6JSVD	6	1,420	340	3.00
6JSVE	6	2,420	155	3.00
6JSVEE	6	2,600	150	3.00
6JSVL	6	2,010	472	3.00
8JSVE	8	3,200	275	3.00
8JSVW	8	3,900	640	2.00
12JSVG	12	5,180	340	3.38
12JSVJ	12	7,500	110	3.00
18JSVJ	18	8,800	195	3.00
18JSVK	18	10,500	130	4.00



All JSV pumps are available with Oil-less Vacuum Technology

HYDRAULIC SUBMERSIBLE PUMPS

Ideal for high head or high lift requirements, the Thompson Hydraulic Submersible Series features variable speeds and flows and can run dry without damage.

APPLICATIONS: Open pit and trench dewatering, manholes and lift stations, sewer and pipe lines, rim ditches.

HYDRAULIC SUBMERSIBLE PUMP SPECIFICATIONS				
UNIT MODEL	SIZE (IN.)	MAX. CAPACITY (GPM)	MAX. HEAD (FT.)	MAX. SOLIDS (IN.)
40HST	4	1,300	130	3.00
46HST	6	1,575	130	3.00
60HST	6	2,025	130	3.00
68HST	8	2,300	75	3.00
80HST	8	2,600	140	3.00
88HST	8	3,250	245	3.00
120HST	12	7,300	100	4.25

UNIT MODEL	MAX. PRESSURE*	FLOW* (GPM)	RESERVOIR (GPM)
32HPU	2,800	34	60
78HPU	3,500	80	50

*Hydraulic Power Units are paired with Submersible Pump Ends to achieve a desired performance, unless otherwise requested



ELECTRIC DRIVEN PUMPS

Over 20 models to choose from with variable speed VFD (variable frequency drive). Provides reduced emissions, reduced noise pollution, energy and diesel fuel savings.



ACCESSORIES

More than just a pump company, Thompson Pump offers a complete line of accessories available to complement and complete any pump system. All accessories are engineered to meet our rigorous performance standards with the quality needed to complete any job.

- High-Density Polyethylene (HDPE) Pipe with poly crimp Thompson galvanized fittings
- Suction and discharge hose with aluminum cam lock or Thompson galvanized fittings
- Thompson galvanized pipe and fittings
- Complete wellpoint systems and accessories
- Hydraulic accessories
- Automatic start/stop controls
- Auto-dialers
- Telemetry

SUPPORT & SERVICE

Thompson Pump has dedicated national, regional, and local service teams throughout the United States to assist with pump troubleshooting and failure analysis should any problems arise. Our distribution network offers field and preventative maintenance, genuine Thompson parts and the pump expertise to back our product.

Our parts and service departments can be reached at 877-978-2321.

The parts department can be reached via email partssales@thompsonpump.com

- Applications Engineering Consulting
 - Bypass Systems
 - Wellpoint Systems
 - Water Transfer
 - Emergency Remediation
- Genuine Thompson Pump Parts
 - Impellers
 - Mechanical Seals
 - Wear Plates
 - Available in other materials contact factory
- Pumpology® School

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EMERGENCY BACKUP LIFT STATION STANDBY SYSTEM

Enviroprime System®



Thompson Pump's diesel-driven backup pumps are quickly replacing generator backup systems as the ideal contingency plan. The Thompson Backup System's permanently installed standby units continue pumping despite power loss or primary pump failures, and act as the primary pumping system during maintenance or repairs. Our exclusive and eco-friendly Enviroprime System® pumps are available in size 2" to 18" and can easily handle flows up to 11,000 gallons-per-minute (GPM) and solids up to 4" in diameter. The Thompson Enviroprime System®, unlike other automatic priming systems, actively prevents blow-by or pumpage from discharging on the ground, keeping the environment clean and safe. The Thompson Backup System is also available with Oil-less Vacuum Technology.

BACKUP PUMP OPTIONS

- Available as diesel-driven, natural gas powered, and other alternative fuels
- Automatic start and stop systems using floats or transducers
- Automatic throttle control for diesel engine
- Remote monitoring and notification systems integration
- Sound attenuated enclosures
- Double wall fuel tanks
- Battery chargers
- Cold weather aids
- SCADA Interface

ADVANTAGES

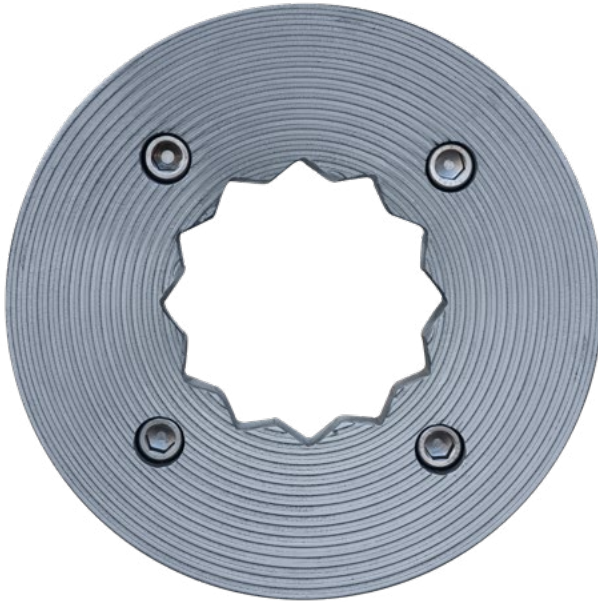
- Fully automatic and independent system
- Less expensive than comparable diesel generator and ATS
- Less complicated – no need for complicated transfer switches
- Increased flexibility – can size diesel backup pump to handle potential infiltration and inflow
- Versatile – can use diesel backup pump to supplement lift station pumps if needed
- User friendly – can provide notification that backup pump is running – can even measure depth of water in wet well and adjust engine speed accordingly
- Power outage issues, our pump is fully independent
- Compact design, high capacity pumps
- Stand alone capabilities – pump operates on its own power that takes the place of a generator
- A smarter contingency plan

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SELF-CLEANING IMPELLER

Reliably handle the rigors of modern-day wastewater and transport without interruption.



Wearplate



Impeller Vanes

With the advent of stringy/flushable products into wastewater collection pumping systems, new pumping technology was needed to efficiently transport these fluids without clogging. The Thompson Self-Cleaning Impeller is the answer. The Thompson Self-Cleaning Impeller is specifically designed to handle the rigors of modern-day wastewater without clogging while saving energy.

WORKING PRINCIPLE

The Self-Cleaning Impeller consists of specially designed, backward swept inclined vanes with a serrated and v-notched wearplate that finely pulls apart debris and stringy materials before going through the impeller vanes, greatly reducing the risk of pump clogging.

THE THOMPSON PUMP DIFFERENCE

The benefits of pumps equipped with the Self-Cleaning Impeller go beyond anti-ragging and clogging; it also helps with the pump's overall performance. Due to its unique ability to consistently handle materials flowing through the system, the pump retains an exceptionally high level of function. Maintenance time and overall operating costs are also decreased due to less clogging.





**HYDRAULIC
INSTITUTE**
SERVICE TO THE
PUMP INDUSTRY



FLORIDA SHERIFFS ASSOCIATION
COOPERATIVE PURCHASING PROGRAM

