

# SIERRA EQUIPMENT INC.

Premier Technology®

2012

## Pumps & Systems



**Myers**®

Pentair Water



**FPS**

Irrigation & Industrial



**Little GIANT**  
*Pumps, People, Partnerships.*



8505 N.W. 29 Street  
Miami, Florida 33122  
PHONE: (305) 592-0224  
FAX: (305) 592-0225

EMAIL: [sales@sierraequipment.com](mailto:sales@sierraequipment.com)  
[www.sierraequipment.com](http://www.sierraequipment.com)

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**Shallow Well Jet Pumps**

Myers HR series Jet pump provide a highly reliable source of water and pressure for today's family living needs with a powerful jet pump.

**HR Series**



- \* Rugged cast iron pump case
- Reinforced thermoplastic impeller with stainless steel threaded insert
- Field proven diffuser with stainless steel wear ring
- Dual compartment, double ball bearing motor with voltage selector switch.
- Square D pressure switch

Order No.	HP	Pressure Switch Setting	Average Operating Pressure	5 Ft Suction Lift	15 Ft. Suction Lift	24 Ft. Suction Lift
MYHR50S	½	20-40	20	11.5	9	6
			30	11.5	9	6
			40	10.5	7.5	5
			50	5.5	3.5	2

**HJ Series**

- Dual compartment 115/230 volt GE motor; double-ball bearing design; convenient voltage change switch
- Dual-adjustment Square D pressure switch
- Cast iron pump housing and motor bracket.
- Engineered reinforced thermoplastic impeller



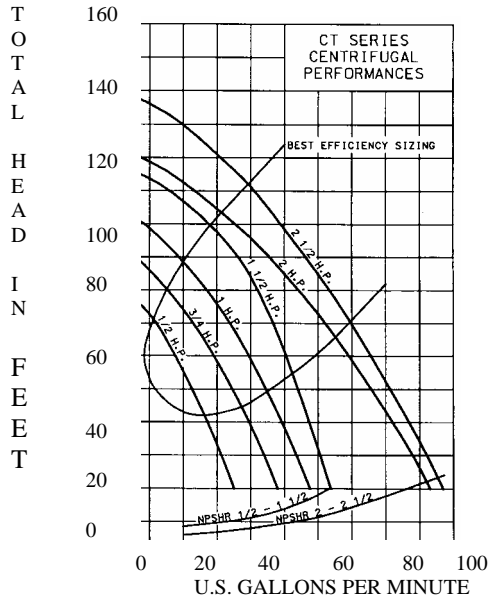
Order No.	HP	Pressure Switch Setting	Discharge Pressure , Lbs.	5 Ft Suction Lift	15 Ft Suction Lift	25 Ft. Suction Lift	Shut-Off Pressure
MYHJ75S	¾	20-40	20	23.5	17.5	10.5	69
			30	23.5	17.5	10.5	
			40	19.5	16.5	10.5	
			50	12.5	9	5	
MYHJ100S	1	20/-40	20	27.5	21	13	67
			30	27.5	21	13	
			40	25.5	21	13	
			50	19	15.5	12	

**High Pressure Centrifugal Pumps**

- Heavy duty cast iron construction
- Back pull-out design
- Dependable double ball bearing motor
- Continuous duty rating motor
- Composite impeller
- Maximum working pressure of 125 psi.



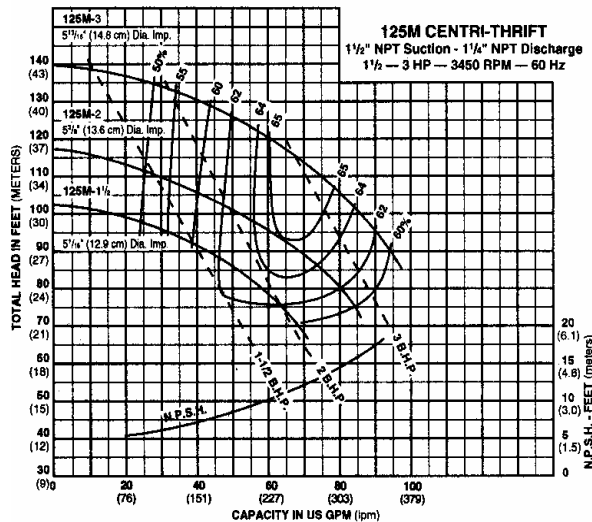
**Performance**



Order No.	HP	Suction/ Discharge	Voltage	Phase
MYCT05	1/2	1-1/4" 1"	115/230	1
MYCT07	3/4	1-1/4" 1"	115/230	1
MYCT10	1	1-1/4" 1"	115/230	1
MYCT15	1-1/2	1-1/4" 1"	115/230	1
MYCT153	1-1/2	1-1/4" 1"	208/230/460	3
MYCT20	2	1-1/2" 1-1/4"	115-230	1
MYCT203	2	1-1/2 1-1/4"	208/230/460	3
MYCT25	2-1/2	2" 1-1/2"	115/230	1
MYCT253	2-1/2	2" 1-1/2"	208/230/460	3

**Centri-Thrift Centrifugal Pumps**

Myers Centri-Thrift Pumps have earned a reputation for dependable and efficient performance in demanding continuous service applications.



## Centrifugal Pumps Multi-Stage for High Head

Flint & Walling multi-stage centrifugal pumps are non-self priming with suction lifts up to 25 feet. Applications include high pressure residential water systems, water circulation, liquid transfer, and cooling systems

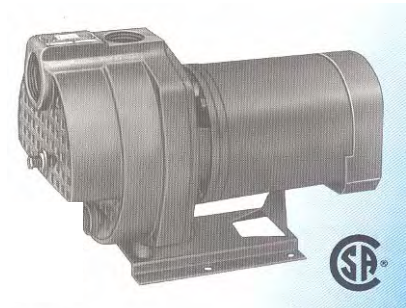


Performance Order No.	HP	Stage	GPM at Total Pressure in PSI						Max. Pressure PSI
			25	30	35	40	50	60	
FWCJ101B151	1-1/2	2	42	39	37	34	28	19	68
FWCJ101B201	2	2	45	44	43	40	34	26	70

## SPJ Series Self-Priming Lawn Sprinkler

### Features

- High capacity, high volume
- Cast iron pump body and mounting ring for long life
- Flint & Walling's Service Plus NEMA J, capacitor start, double ball bearing motors for continuous operation.
- Designed for lawn sprinkling and irrigation
- Rapid self-priming characteristics.
- 2" Suction and 1-1/2" Discharge



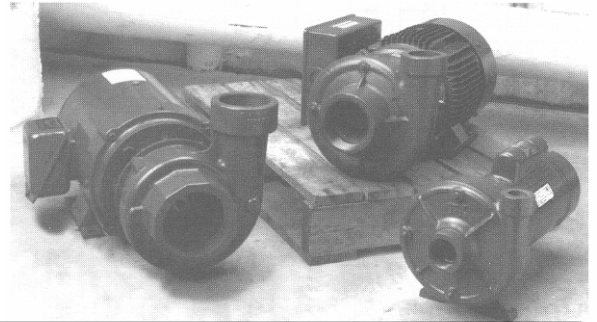
Performance Order No.	HP	Suction Lift FT.	Capacity-US Gallons per minute Discharge Pressure PSI								Shut-Off Pressure PSI
			10	15	20	25	30	35	40	45	
FWSPJ15B1	1-1/2	5	78	77	74	70	62	53	43	30	47
		15	70	68	66	62	53	43	30		41
		25	47	46	45	44	42	34			36
FWSPJ20B1	2	5	86	84	81	77	71	62	52	40	50
		15	76	74	72	69	64	55	43	25	45
		25	52	51	50	47	45	42	30		40



## D Series End Suction Centrifugal Pumps

### Features

- Heavy-duty cast iron body for increased durability
- All units are equipped with open drip-proof motors.
- Sealed motor bearings on all motors to carry radial and thrust loads of pump end.



Performance DB1 Series 1-1/2" Suction x 1" Discharge			Capacities GPM Total Head in Feet										Shut-Off Head ((Ft)			
Order No.	HP	Imp. Dia.	25	30	35	40	45	50	60	70	80	90	100	110	120	
JB1DB1	1	4-3/4"			67	63	59	56	46	36	20					84
JB15DB1	1-1/2	5-3/16"						72	65	58	50	39	28			109
JB2DB1	2	5-1/2"							74	68	61	53	45	33		122

Performance DB2 Series 3" Suction x 2" Discharge			Capacities GPM Total Head in Feet							Shut-Off Head (Ft.)
Order No.	HP	Imp. Dia.	45	50	60	70	80	90	100	
JB3DB2	3	4-1/2"	175	165	140	90				75
JB5DB2	5	5-1/8"			235	210	190	160		100

Performance DB3 Series 4" Suction x 3" Discharge			Capacities GPM Total Head in Feet							Shut-Off Head (Ft.)
Order No.	HP	Imp. Dia.	30	35	40	45	50	60	70	
JW75DB3-T	7-1/2	4-15/16"	440	425	405	385	365	320	260	81

## Stainless Steel Submersible Pumps

The Commander® Stainless Steel Pump Series is Flint & Walling’s premium submersible pump. With stainless steel construction, proven hydraulics, precision engineering, and easy serviceability, more and more homeowners depend on the Commander® for their water needs. Powered by Franklin Electric motor, the S series is designed for years of dependable service



### Features

- 304 Stainless Steel Pump Shell.
- Streamlined 304 Stainless Steel Cable Guard
- 416 Stainless Steel Hex Drive Pump Shaft
- 304 Stainless Steel Mounting Ring
- 304 Stainless Steel Discharge Head
- Precision-Molded, FDA-Compliant Impellers and Diffusers
- 304 Stainless Steel Suction Screen

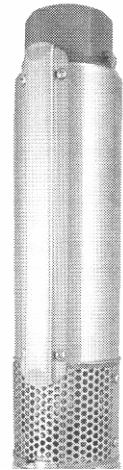
Performance 1-1/4" Discharge	Discharge Pressure P.S.I.	Capacities GPM Depth to Water Level									Shut-Off Head (Ft.)
		Order No.	HP	100	120	140	160	180	200	225	
FW4F10S10301	1	0	15.1	14.7	14.3	13.9	13.6	13.1	12.6	12.0	470
		40	13.3	12.9	12.4	11.9	11.4	10.9	10.3	9.5	
		80	11.2	10.7	10.1	9.7	9.0	8.2	6.8	5.3	
FW4F10S15301	1-1/2	0	15.5	15.2	15.0	14.7	14.4	14.1	13.8	13.4	630
		40	14.2	13.9	13.6	13.4	13.0	12.7	12.4	11.9	
		80	12.9	12.6	12.2	11.8	11.4	11.0	10.5	10.1	
FW4F19S10301	1	0	23.2	22.1	20.7	19.4	17.8	16.2	13.7	10.7	375
		40	16.8	15.2	12.8	10.4	5.6				
FW4F19S15301	1-1/2	0	24.6	23.8	22.9	22.0	21.1	20.1	18.9	17.5	375
		40	20.5	19.5	18.5	17.4	16.3	14.9	12.7	9.7	
		80	15.4	13.7	11.9	9.2	5.9				
FW4F27S20301	2	0	34	33	32	31	30	28	26	23	360
		40	29	27	25	24	22	19	16	12	
		60	25	23	21	19	16	12	4		

## Hi-Capacity Pumps Ends

The Captain® Plus Series high capacity submersible pumps for home, farm, industry and dozens of other domestic and commercial applications. **Order motors and controls separately. Check valve not included.**

### Features

- Cast Iron 2"NPT Discharge Head
- Heavy wall stainless steel pump shell
- Stainless steel hex shaft with one piece motor-to-shaft coupling
- NEMA standard motor bracket, cast iron with stainless steel suction screen
- Noryl® impellers and diffusers; stainless steel floating bearing inserts and acetal diffuser plates



Performance 2" Discharge	Discharge Pressure P.S. I.	Capacities GPM										Shut-Off Head (Ft.)
		Depth to Water Level										
Order No.	HP	60	80	100	120	140	160	180	200	220		
FW4F35A20	2	0	50	48	45	43	40	37	34	30	26	245
		40	38	35	32	28	22					
		60	31	26	19							
FW4F35A30	3	0			49	47	45	44	42	40	38	355
		40	45	43	41	39	37	35	32	29	26	
		60	40	38	36	34	31	28	25	20		
FW4F35A50	5	0						49	48	47	46	560
		40		49	48	47	46	45	44	42	41	
		60		47	46	44	43	42	41	40	38	
FW4F55A30	3	0		75	71	66	61	55	47	39	31	235
		40	57	50	43	34	15					
		60	40	32								
FW4F55A50	5	0					74	71	68	64	61	365
		40	72	69	66	63	59	55	50	45	40	
		60	65	62	58	53	49	44	39	33	25	
FW4F85A50	5	0		110	103	95	87	79	71	63	55	300
		40	91	83	75	67	59	51	43	36	25	
		60	65	57	49	41	33	20				
FW\$F85A75	7-1/2	0					106	102	97	91	85	450
		40	104	99	94	88	83	77	72	66	61	
		60	92	87	81	76	70	65	59	54	49	

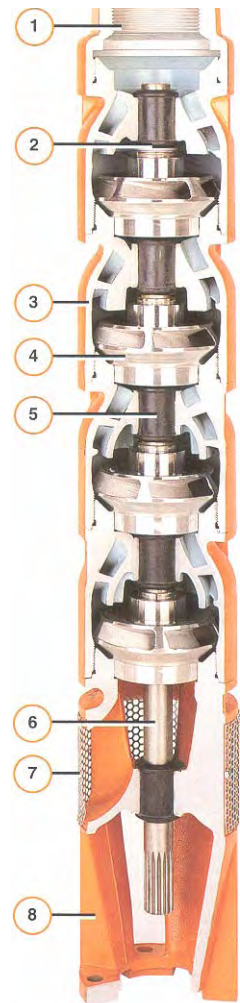


## Submersible Turbine Pumps

Berkeley 6T series pumps for maximum abrasion resistance are proven performers for a wide range of applications from clean municipal wells to the harshest agricultural wells. Abrasion resistant features include: Investment Cast 304 Stainless Steel impellers and Neoprene Rubber Bearings for maximum life and performance.

### Features

- (1) Heavy –Duty Discharge Adapter is ductile iron, threaded with large wrench flats sized for the pump’s flow range.
- (2) Factory Pre-set Upthrust Washers balance rotor loading in all operating conditions.
- (3) Heavy-Walled Class 30 Cast Iron Bowls incorporate precise hydraulic design for maximum efficiency and performance.
- (4) Stainless Steel Impellers are designed, machined and balanced to optimize efficiency and performance.
- (5) Unique Neoprene Bearing Design channels abrasives away from stainless steel bearing journal.
- (6) 416 Stainless Steel Pump Shaft is precision ground and polished for reduced running friction and increased service life.
- (7) Heavy-Duty Stainless Steel Suction Strainer is non-collapsible and corrosion-resistant.
- (8) Heavy-Duty Cast Iron Suction Bracket assures perfect pump-to-motor alignment with NEMA standard motors.



Performance	Capacities GPM								Discharge
	Order No.	HP-Size	Depth to water Level						
		175	200	250	275	300	350		
BK6T15-155	15 6"	210	200	170	157	135	40	3"FNPT	
BK6T20-200	20 6"	270	255	230	220	200	170	3" F NPT	
BK6T15-275	15 6"	230	160					4" F NPT	
BK6T20-275	20 6"	320	290	210	150	50		4" F NPT	
BK6T15-325	15 6"	280	180					4" F NPT	
BK6T20-325	20 6"	350	300	200	100			4" F NPT	
BK6T25-325	25 6"	400	370	310	280	240	130	4" F NPT	



## 4" Submersible Motors Super Stainless

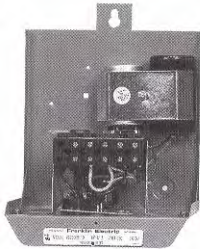
### Features

- Corrosion-resistant Stainless Steel Exterior
- Stainless Steel Splined Shaft
- Hermetically-sealed Windings
- Anti-track Self-healing Resin System
- Filter Check Valve
- Water Lubrication
- Kingsbury-type Thrust Bearing
- Pressure-equalizing Diaphragm
- Built-in Lightning Arrestors
- UL 778 Recognized
- Industry Standard NEMA Mounting Dimensions



### 4" 3-Wire Single-Phase Submersible Motors

Ordering No.	HP	Volts	Hz	SF	Lead	Thrust
JB2243019204S	2	230	60	1.25	yes	650
JB2243022604	3	230	60	1.15	yes	900
JB2243038602	5	230	60	1.15	yes	1,500



### 4" 3-Wire Control Boxes for Single-Phase Submersible Motors

Ordering No.	Motor HP	Volts	Hz
JB2823018110	2	230	60
JB2823028110	3	230	60
JB2821138110	5	230	60

### 4" Three Phase Submersible Motors

Ordering No.	HP	Volts	Hz	SF	Lead	Thrust
JB2343059204S	2	200	60	1.25	yes	650
JB2343159204S	2	230	60	1.25	yes	650
JB2343062604	3	200	60	1.15	yes	900
JB2343162604	3	230	60	1.15	yes	900
JB2343078602	5	200	60	1.15	yes	1500
JB2343178602	5	230	60	1.15	yes	1500
JB2343088602	7-1/2	200	60	1.15	yes	1500
JB2343188602	7-1/2	230	60	1.15	yes	1500



## 6" Submersible Motors

### Features

- Full 3450 RPM, 60 Hz. Design Point
- Maximum Temperature Winding Wire NEMA class 200
- Double Flange Design
- Stainless Steel Splined Shaft
- Hermetically-sealed Stator
- Resin Encapsulated Windings
- Stainless Steel Shell
- Epoxy Coated End Frames
- Filter Check Valve
- Kingsbury-type Water-lubricated Thrust Bearing
- Pressure-equalizing Diaphragm
- Carbon Ceramic Rotating Face Seal



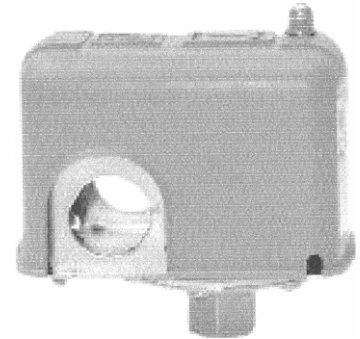
### 6" Three Phase Submersible Motors

Ordering Number	HP	Volts	Hz	SF	Lead	Thrust
JB2366539020	15	200	60	1.15	DOL (3)	3500
JB2367239020	15	230	60	1.15	DOL (3)	3500
JB2366139020	15	460	60	1.15	DOL (3)	3500
JB2366549020	20	200	60	1.15	DOL (3)	3500
JB2366049020	20	230	60	1.15	DOL (3)	3500
JB2366149020	20	460	60	1.15	DOL (3)	3500
JB2366559020	25	200	60	1.15	DOL (3)	3500
JB2366059020	25	230	60	1.15	DOL (3)	3500
JB2366159020	25	460	60	1.15	DOL (3)	3500

## Pump Control Pressure Switches

### Features

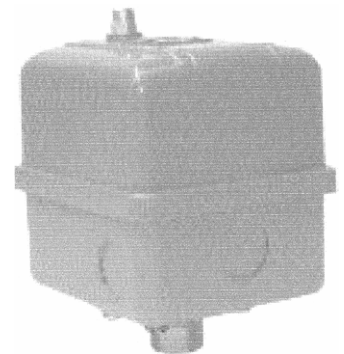
The 9013 FSG is the standard water pump switch. It is suitable for all types of pumps: jets, submersible and centrifugals. The enclosure is a NEMA Type 1 for general purpose application. Cover is molded from high impact grade, non-conductive, self-extinguishing material.



Ordering No.	Type	Pressure Connection IPS	Pressure Range PSI	Electrical Rating Single Phase/ Voltage
SO1002	FSG-2	1/4" Pipe Tap	20-65	115 V - 1 HP 230 V - 1-1/2 HP

### Features

The 9013 Type G pressure switches are designed for the control of standard duty electrically driven water pumps. The general purpose enclosures meet NEMA 1 specifications.



Ordering No.	Type	Pressure Connection IPS	Pressure Range PSI	Electrical Rating Single Phase Voltage
SO1012	GSG2	1/4" Pipe Tap	20-60	115 V - 2HP 230 V - 3HP
SO1017	GHG2	1/4" Pipe Tap	40-200	115V - 2HP 230V - 3HP

## Lead Free Check Valve

### Features

- Silicon bronze cast body
- Silicon bronze cast poppet
- Female threads

Ordering No.	Size	Description
SO504SB	1-1/4"	Lead Free Bronze Check Valve
SO505SB	1-1/2"	Lead Free Bronze Check Valve
S0 506SB	2"	Lead Free Bronze Check Valve
SO507SB	2-1/2"	Lead Free Bronze Check Valve
SO508SB	3"	Lead Free Bronze Check Valve



## Lead Free Submersible Pump Check Valve

### Features

- Silicon bronze cast body
- Silicon bronze cast poppet
- Female-Male threats

Ordering No.	Size F x M	Description
SO616SB	1 x 1	Lead Free Submersible Pump Check Valve
SO618SB	1-1/4 x 1-1/4	Lead Free Submersible Pump Check Valve
SO622SB	2 x 2	Lead Free Submersible Pump Check Valve
SO623SB	3 x 3	Lead Free Submersible Pump Check Valve

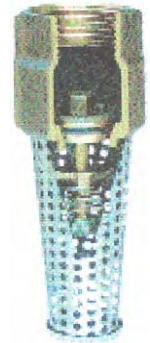


## Lead Free Foot Valve

### Features

- Silicon bronze cast body
- Silicon bronze cast poppet
- Stainless Steel perforated strainer
- Female threads

Ordering No.	Size	Description
SO454SB	1-1/4	Lead Free Foot Valve
SO456SB	1-1/2	Lead Free Foot Valve
SO457SB	2	Lead Free Foot Valve





## FIBREWOUND PRESSURE TANKS

Designed and manufactured with capacities to match a wide range of fresh-water needs, **Pro-Source PLUS™** fibrewound tanks are the choice for lasting durability and value.

Tougher-than-steel composite construction includes a one-piece molded inner liner and an outer shell wrapped with more than three miles of continuous, over-lapping fibers.

Unaffected by ozone or UV energy, PRO-Source PLUS tanks will not rust, corrode, dent or scratch, and require no painting or exterior maintenance. The FDA- approved air cell in each PRO-Source PLUS tank is resistant to chlorine and will not affect the natural purity of your water or support the growth of common iron bacteria.

### Specifications

- Inner Line- One-piece high-density polyethylene
- Outer Shell- Fiberglass-wound and epoxy resin sealed
- Air Cell- Heavy mil ethyl-vinyl acetate (EVA)
- Upper and Lower Flanges- Reinforced polypropylene
- Base- One piece high density polyethylene
- Service Connection- Stainless Steel on all models
- Air Valve- Brass body, Schrader core assembly
- Weather Cap- High density polyethylene



Ordering No.	Maximum Capacity. Gal	Diameter Inch.	Height Inch.	Connection Size Female	Drawdown in Gallons		
					20/40	30/50	40/60
MYPSP-FW20-6-01	20	16	36	1"NPT	6.9	5.9	5.2
MYPSP-FW35-10	35	20	39.5	1"NPT	12.1	10.3	9.0
MYPSP-FW40-12	40	16	60.5	1"NPT	13.8	11.8	10.3
MYPSP-FW48-14	48	20	50.25	1"NPT	16.5	14.2	12.4
MYPSP-FW60-18	60	24	45.75	1-1/4"NPT	20.7	17.6	15.5
MYPSP-FW85-25	85	24	59.5	1-1/4"NPT	29.3	25.1	21.9
MYPSP-FW119-35	119	28	62.25	1-1/4"NPT	41.1	35.1	30.7

Pre-charge Pressure: 40 PSI, Maximum Operating Pressure: 100 PSI, Maximum Liquid Temp: 120 Degrees



## Steel Pressure Tanks

Use wherever pressurized tanks are needed in water systems applications. Heavy-gauge steel and rugged “welded wrapper and head design” for lasting durability. Electrostatic ally-applied polyester paint to gives an appliance-quality finish that resists nicks and corrosion. Seamless, one-piece water cell to provide controlled two-dimensional expansion for longer life; chlorine- and iron bacteria-resistant, keeps water away from metal. One—piece composite service connection, water never touches metal. They are 100% leak tested with helium before shipment to assure quality and long-lasting performance.

### Specifications

- Shell- Heavy gauge steel
- Base- High-impact composite; ABS
- Finish- Electrostatic ally applied, baked-on polyester paint
- Water Cell- One piece seamless PVC, made from FDA listed material
- Flange- Reinforced polypropylene
- Service Connection- Reinforced polypropylene integral to flange
- Air Valve- Rubber stem/brass body



Ordering No.	Maximum Capacity. Gal	Diameter Inch.	Height Inch	Connection Size Female	Drawdown in Gallons		
					20/40	30/50	40/60
MYPS19T-T02	19	16	27.5	1”NPT	6.9	5.8	5
MYPS32T-T03	32	16	43	1”NPT	11.6	9.8	8.5
MYPS35-T05	35	20	33	1”NPT	12.7	10.7	9.3
MYPS50-T50	50	24	32.5	1-1/4”NPT	18.3	15.5	13.4
MYPS621-T51	62	24	39.5	1-1/4”NPT	21.4	18.3	16
MYPS85-T52	85	24	51	1-1/4”NPT	30	26	22
MYPS119-TR50	119	24	68	1-1/4”NPT	41.3	35.4	31

Pre-charge Pressure: 40 PSI, Maximum Operating Pressure: 100 PSI, Maximum Liquid Temp: 120 Degrees

## UTILITY PUMPS

Submersible pump for commercial, industrial and home uses where liquid must be transferred or re-circulated.



**Ordering No.**  
LG505350  
**Model No.**  
5-ASP-LL

### Features

- 1/6 HP shaded pole motor with overload protection
- Designed for continuous duty
- Pumps down to 1/8"
- Garden Hose Adapter
- Removable inlet screen for easy cleaning
- Epoxy coated cast aluminum housing
- Viton® shaft seal

### Specifications

Capacity: 1200 GPH @ 1' head  
Shut Off: 26'  
Discharge: 1"FNPT  
Electrical: 115v-60Hz

Operation Automatic  
or Manual



**115 Volts**  
**Ordering No.**    **Model No.**  
LG555103        360S  
**12 VDC**  
**Ordering No.**    **Model No.**  
LG555203        365S

Non-Submersible, Self-Priming **Pony Pump** for applications on commercial, industrial and home uses where liquid must be transferred.

### Features

- Self priming for instant delivery or de-watering up to 6'
- Non-Submersible stainless steel pump body
- Rugged metallic handle for easy portability
- Dual threaded intake and discharge with both 3/4" male garden hose thread and 3/8"FNPT
- Capacity up to 360 GPH



**Ordering No.**    **Model No.**  
LG555101        UPSP-5

1/2 HP Non-Submersible, Self-Priming utility pump home applications like flooded basements, watering lawns and draining water heaters.

### Features

- Non-submersible, in-line, portable utility transfer pump with rugged one-piece cast iron housing and integral carrying handle.
- Self-priming to 15' when priming chamber is filled
- Convenient 3/4" brass garden hose adapters on intake and discharge
- Capacity 1152 GPH at 20' head. Shut off : 105'
- Electrical: 115v, 60Hz

## SUMP PUMPS



**Ordering No.**    **Model No.**  
LG505700        5.5-ASP

### Features

- ¼ HP shaded pole motor with overload protection
- Zink housing, polypropylene volute for corrosion resistance.
- ¾" garden hose adapter included
- Integral snap action float switch
- Capacity 40 GPM @ 1' head. Shut off: 25'
- Electrical 115v , 60 Hz    Operation: Automatic



**115v 50/60 Hz**  
**Ordering No.**    **Model No.**  
LG506158        6-CIA  
**230v 50/60 Hz**  
**Ordering No.**    **Model No.**  
LG506166        6-CIA

### Features

- 1/3 HP shaded pole motor with overload protection
- Designed for continuous duty
- Epoxy coated cast iron housing
- 1-1/2" discharge with 1-1/4" adapter and ¾" garden hose adapter available
- Carbon / ceramic shaft seal
- Upper and lower sintered sleeve bearing
- Capacity 46 GPM @ 5' head
- Electrical: 115v, 50/60 Hz or 230v, 50/60 Hz. Automatic.



**Ordering No.**    **Model No.**  
LG506422        ES33V1-10

### Features

- 1/3 HP permanent split capacitor motor with energy-conserving low amp draw
- Designed for continuous duty
- Epoxy coated cast iron housing
- 1-1/2" FNPT discharge
- Carbon/ceramic shaft seal
- Upper sintered sleeve bearing and lower ball bearing
- Vortex engineered composite impeller
- Thermal overload protection
- Capacity: 52 GPM @ 5' head Shut Off: 20'
- Electrical: 115v, 60 Hz

## Sump Pumps

### Features

- 1/3 HP shaded pole motor with overload protection
- Designed for continuous duty
- Epoxy coated cast iron housing
- Carbon/ceramic shaft seal
- Upper and lower sintered sleeve bearings
- Capacity: 50GPM @ 5' head Shut Off: 20'
- Discharge: 1-1/2" FNPT
- Solids Handling: 1/2"
- Electrical: 115v, 60 Hz. Automatic



**Ordering No.**    **Model No.**  
LG506701        6E-CIA-SFS



**Ordering No.**    **Model No.**  
LG509350        9EH-CIA-RFS

### Features

- 4/10 HP Shaded pole motor with overload protection
- Designed for continuous duty
- High head model
- Epoxy coated cast iron housing and cover
- High impact ABS base
- Carbon/ceramic shaft seal
- Upper sintered sleeve bearing; lower ball bearing
- Piggyback Mechanical Float
- Capacity: 70 GPM @ 5' head
- Discharge: 1-1/2" FNPT
- Electrical: 115v, 60 Hz. Automatic



**Ordering No.**    **Model No.**  
LG509500        9S-CIA-RFS

### Features

- 4/10 HP shaded pole motor with overload protection
- Designed for continuous duty
- Epoxy coated cast iron housing cover and volute
- 2" FNPT discharge
- 3" FNPT discharge available
- Carbon /ceramic shaft seal
- Upper sintered sleeve and lower ball bearing
- Vortex engineered composite impeller
- Piggyback Mechanical Float
- Capacity 80 GPM @ 5' head
- Solids Handling: 2"
- Electrical: 115v, 60 Hz. Automatic



## Sump Pumps Sewage Pumps



**Ordering No.** LGF511500      **Model No.** 10S-CIA-RFS

### Features

- ½ HP split phase motor with overload protection
- Designed for continuous duty
- Epoxy coated cast iron housing and volute
- 2"FNPT discharge. 3"FNPT discharge available
- Carbon/ceramic shaft seal
- Upper and lower ball bearing
- Vortex glass filled nylon impeller
- Capacity: 110 GPM @ 5'head
- Solids Handling: 2"
- Piggyback Mechanical Float
- Electrical: 115v, 60Hz Automatic



**Ordering No.** LG511520      **Model No.** 10SH-CIA-RFS

### Features

- ½ HP split phase, relay start motor with overload protection
- Designed for continuous duty
- High Head model
- Epoxy coated cast iron housing and volute
- Impeller: Nylon
- 2"FNPT discharge
- Carbon/Ceramic shaft seal
- Upper and lower ball bearing
- Capacity 120 GPM @ 5 'head
- Shut Off: 28' head
- Solids Handling: 1-1/4"
- Piggyback Mechanical Switch
- Electrical: 115v, 60 Hz.

## Accessories



Compression gaskets 2" Check Valve  
Passes 2"solids  
**Ordering No.** LG940022      **Model No.** CV-SE2

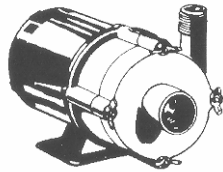


Compression Gaskets 3"Check Valve  
Passes 3"solids  
**Ordering No.** LG940023      **Model No.** CV-SE3

## Magnetic Drive Quarium Pumps



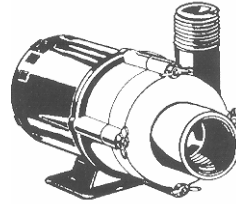
The Quarium Pumps are designed specifically for aquarium-filtration applications in either freshwater or saltwater also industrial use like tank lobsters



**Ordering No.** LG580506  
**Model No.** 2-MDQ-SC

**Features**

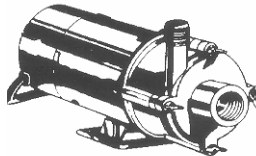
- 1/2" FNPT Intake
- 1/2" MNPT Discharge
- 465 GPH @ 3 ft head
- In-line



**Ordering No.** LG580507  
**Model No.** 2-MDQX-SC

**Features**

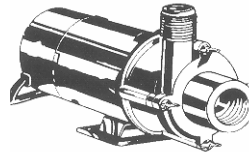
- 1" FNPT Intake
- 1" MNPT Discharge
- 640 GPH @ 3 ft head
- In-line



**Ordering No.** LG581506  
**Model No.** 3-MDQ-SC

**Features**

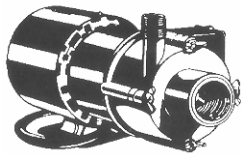
- 3/4" FNPT Intake
- 1/2" MNPT Discharge
- 650 GPH @ 3 ft head
- In-line



**Ordering No.** LG581507  
**Model No.** 3-MDQX-SC

**Features**

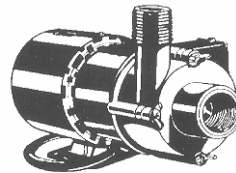
- 1" FNPT Intake
- 1" MNPT Discharge
- 1000 GPH @ 3 ft head
- In-line



**Ordering No.** LG582506  
**Model No.** 4-MDQ-SC

**Features**

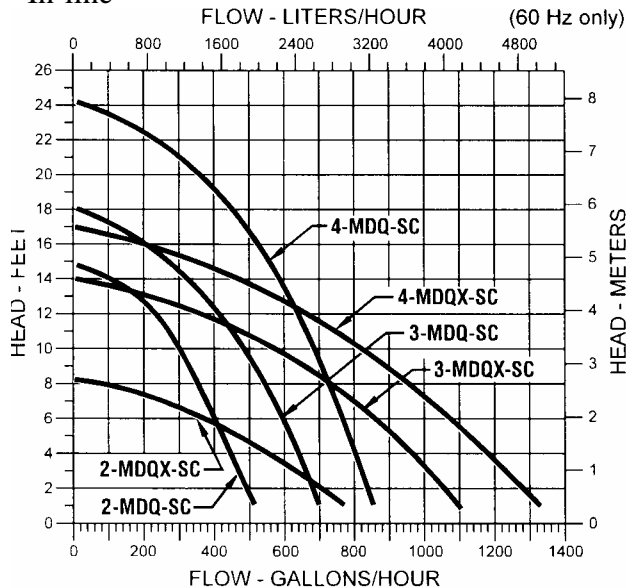
- 1" FNPT Intake
- 1/2" MNPT Discharge
- 810 GPH @ 3 ft head
- In-line



**Ordering No.** LG582507  
**Model No.** 4-MDQX-SC

**Features**

- 1" FNPT Intake
- 1" MNPT Discharge
- 1225 GPH @ 3 ft head
- In-line





## MD-HC Series Magnetic Drive Pumps

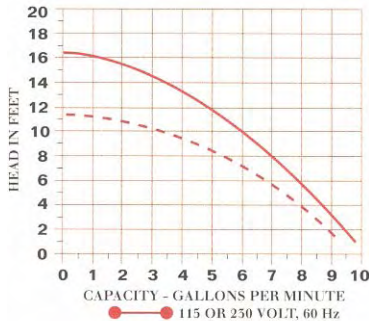
This series is for highly corrosive chemicals and solutions. Though no pump should be operated dry, the MD-HC Series has a run-dry capability of up to eight hours without damage.

### Features

- 1/25 HP TEFC Electric Motor
- 9.75 GPM maximum flow rate
- 16.3' maximum head
- 1.1 specific gravity
- 1/2" FNPT Intake
- 1/2" MNPT Discharge
- Glass-filled Ryton® Magnet housing and Volute
- Glass-filled Ryton® Impeller w/ carbon bushing
- Viton O'Ring
- Ceramic Thrust Washers & Shaft
- Electrical: 115v, 60 Hz 1.3 amps.

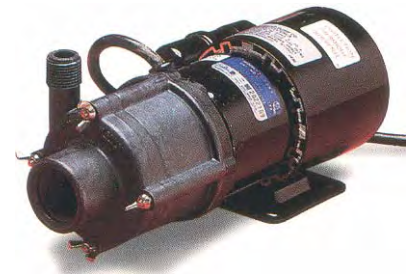


**Ordering No.** LG581604     **Model No.** TE-5-MD-HC

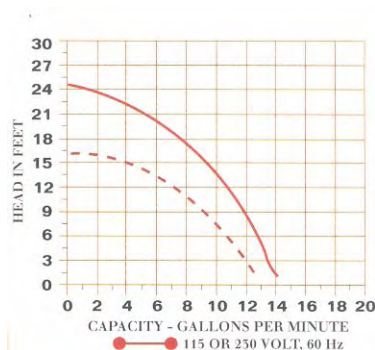


### Features

- 1.1/ HP TEFC Electric Motor
- 14 GPM maximum flow rate
- 24.3' Maximum head
- 1.1 Specific gravity
- 1" FNPT Intake
- 1/2" MNPT Discharge
- Glass-filled Ryton® Magnet housing and Volute
- Glass-filled Ryton® Impeller w/ carbon bushing
- Viton® O'Ring
- Ceramic Thrust Washers & Shaft
- Electric: 115v, 60 Hz 1.7 amps.



**Ordering No.** LG582604     **Model No.** TE-4-MD-HC

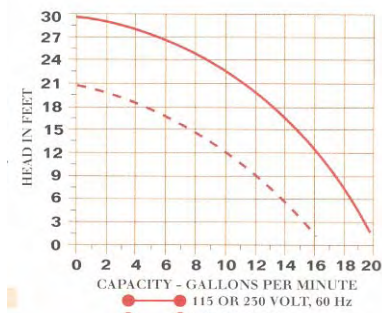


### Features

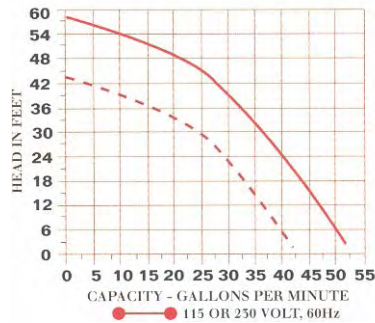
- 1/8 HP TEFC Electric Motor
- 20 GPM maximum flow rate
- 29.3' Maximum head
- 1.1 Specific gravity
- 1" FNPT Intake
- 1/2" MNPT Discharge
- Glass-filled Ryton® Magnet housing and Volute
- Glass-filled Ryton® Impeller w/ carbon bushing
- Viton® O' Ring
- Ceramic Thrust Washer & Shaft
- Electric: 115v, 60 Hz 2.3 amps.



**Ordering No.** LG584604     **Model No.** TE-5-MD-HC



## MD-HC Series Magnetic Drive Pumps



### Features

- 3/4 HP TEFC PSC Electric Motor
  - 53 GPM Maximum flow
  - 58.9' Maximum head
  - 1.1 Specific gravity
  - 1-1/2" FNPT Intake
  - 1" MNPT Discharge
  - Glass-filled Ryton® Magnet housing and Volute
  - Glass-filled Ryton® Impeller w/ carbon bushing
  - Viton® O'Ring
  - Ceramic Thrust Washer & Shaft
  - Electric: 115v,60Hz 11.8 amps  
230v, 60Hz 5.9 amps
- Power cord not included



**Ordering No.**    **Model No**  
LG587010        TE-7-MD-HC