

Industrial/Commercial Sump Pumps



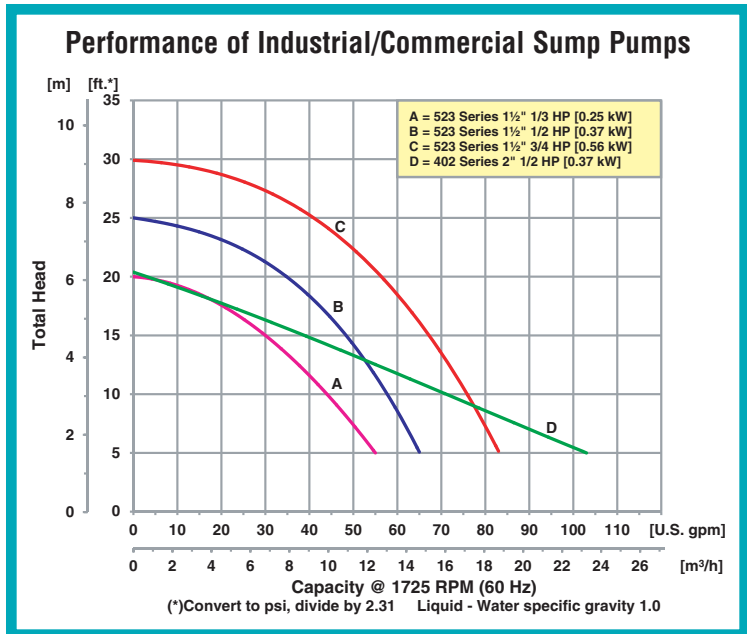
Stainless Steel
TEFC Model
Sump Pump



- **Stainless Steel, Bronze and Cast Iron Construction**
- **Stainless Steel Shaft & Float**
- **Carbon Bearings**
- **29" to 44" Column Height**
- **1-1/2" or 2" NPT Discharge**
- **Maximum Head 30 Ft.**
- **Maximum Flow 103 GPM**
- **Semi-Open, Clog Resistant Impellers**
- **Available with Totally Enclosed Fan Cooled (TEFC) 1/3, 1/2 and 3/4 HP 115 VAC, Single Phase Motors**



The AMT line of Industrial/Commercial Sump pumps is designed for heavy duty commercial applications, as well as residential use where a combination of durability and high performance is required. AMT Sump pumps are available in stainless steel, bronze and cast iron constructions with TEFC motors in 1/3 through 3/4 HP for proper pump selection in most applications. All models include stainless steel shaft, screen and float. All motors are fitted with automatic switch and an 8 foot 16/3 115 VAC line cord. Pumps require minimum sump pit of 14" diameter and 24" depth.



MESA AGRO-INDUSTRIAL CORP.
 BOMBAS DE AGUA --FILTROS --COMPRESORES DE AIRE --GENERADORES DE ELECTRICIDAD
 TRACTORES E IMPLEMENTOS AGRICOLAS --PISTEROS Y SISTEMAS DE RIEGO --MANGAS --VALVULAS
 TELS. 939-338-0607 --787-636-2132 - FAX. 787-740-0960
 E-mail: mesaagro@hotmail.com - www.mesapr.com

For use with nonflammable liquids compatible with pump component materials. Viton® is a registered trademark of E.I. DuPont.

Pump Dimensional & Specification Data

Model #	Curve	DIS*	HP	PH	ENC	Voltage @ 60 Hz	Full Load Amps	Motor Frame	A	B	C	D	E	F	G	J	W	H**	‡ Ship Wt. (Lbs.)
5239	A	1-1/2	1/3	1	TEFC	115	6	56C	8.5 [21.7]	4.6 [11.8]	4.2 [10.9]	29.9 [75.9]	3.5 [8.9]	3.2 [8.1]	50.7 [128.8]	16.7 [42.5]	11.0 [28.0]	38.4 [97.7]	42
523C	B	1-1/2	1/2	1	TEFC	115	9	56C	9.0 [22.9]	4.6 [11.8]	4.2 [10.9]	29.9 [75.9]	3.5 [8.9]	3.2 [8.1]	50.7 [128.8]	16.7 [42.5]	11.0 [28.0]	39.9 [98.8]	43
523D									9.0 [22.9]	4.6 [11.8]	4.2 [10.9]	41.9 [106.4]	3.5 [8.9]	3.2 [8.1]	62.7 [159.3]	28.7 [73.0]	11.0 [28.0]	50.9 [129.3]	45
523F	C	1-1/2	3/4	1	TEFC	115	12	56C	9.2 [23.4]	4.6 [11.8]	4.2 [10.9]	29.9 [75.9]	3.5 [8.9]	3.2 [8.1]	50.7 [128.8]	16.7 [42.5]	11.0 [28.0]	39.1 [99.4]	47
4020+	D	2	1/2	1	TEFC	115	9	56C	9.0 [22.9]	5.5 [14.0]	5.0 [12.8]	30.9 [78.5]	4.5 [11.5]	3.4 [8.8]	51.7 [131.4]	17.7 [45.1]	12.6 [32.2]	39.9 [101.4]	51
4021+									9.0 [22.9]	5.5 [14.0]	5.0 [12.8]	30.9 [78.5]	4.5 [11.5]	3.4 [8.8]	51.7 [131.4]	17.7 [45.1]	12.6 [32.2]	39.9 [101.4]	50
4022+									9.0 [22.9]	5.5 [14.0]	5.0 [12.8]	42.9 [109.0]	4.5 [11.5]	3.4 [8.8]	63.7 [161.9]	17.7 [45.1]	12.6 [32.2]	51.9 [131.9]	54

(*) Standard NPT (female) pipe thread.

NOTE: Check Price Book for Specific Pump Construction/Material Availability.

(**) This dimension may vary due to motor manufacturer's specifications.

NOTE: All dimensions are in inches (centimeters) and have a tolerance of ±1/8"

NOTE: Electric Supply for ALL motors must be within ± 10% of nameplate voltage (Ex: 230V = 203 to 253)

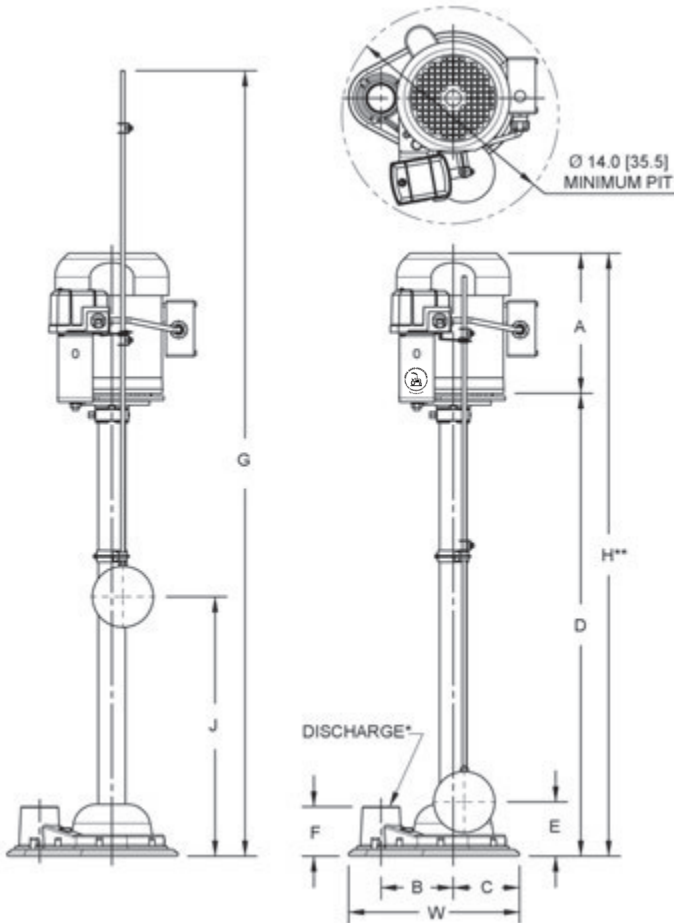
(+) Handles up to 3/4" Solids

‡ When Ordering Add the Correct-9? Suffix to Model Number Indicating Material Selection (Ex: 5239-95)

XCI (-95) = Cast Iron Construction with Stainless Steel Impeller

XB (-97) = Cast Bronze Construction with Stainless Steel Impeller (Refer to Pricebook for Available Models)

XSS (-98) = Stainless Steel Construction with Stainless Steel Impeller (Refer to Pricebook for Available Models)



Standard Features

- Stainless Steel Screen and Float
- Semi-Open, Clog Resistant Impellers
- 1/3, 1/2 or 3/4 HP TEFC 115 VAC Single Phase 56C Frame Motors
- 8 Ft. 16/3 115 VAC Line Cord
- Maximum Head 30 ft.
- Maximum Flow 103 GPM
- Stainless Steel Shaft
- Carbon Bearings
- 29" to 44" Column Height
- Maximum Temperature 200° F
- Solids Handling Design up to 3/4" Diameter (25% Maximum Solids)
- QSP - Quick Ship Pumps

Submersible Pumps & Float Switches



1 1/2XT33, 2XH5, 2X11

- **304 Stainless Steel Casing, Motor Housing, Shaft and Hardware**
- **Cast Iron Impeller, Top and Pump End**
- **Light Weight Slim Design**
- **Oil Lubricated Seals, Nitrile O-Rings**
- **Lower Seal – Silicon-Carbide, Viton®**
- **Upper Seal – Carbon Ceramic, Viton®**
- **Thermal Overload Protected**
- **1-1/2" to 2" NPT Discharge**
- **1/3 to 1 Horsepower**

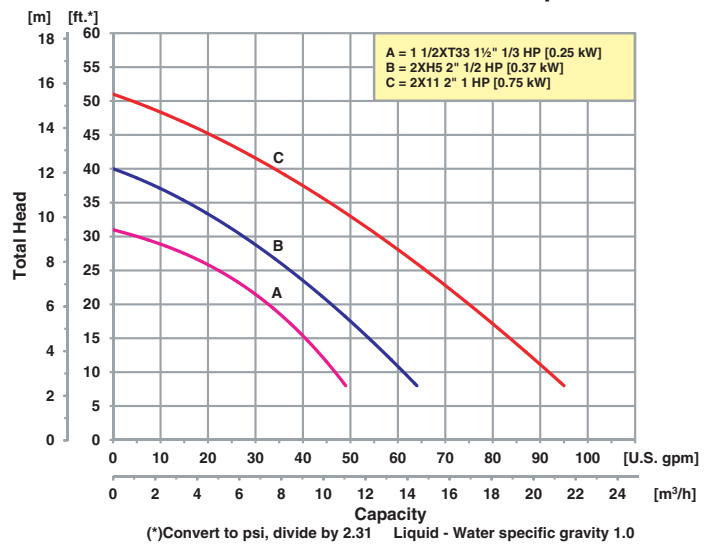


Optional Piggyback Float Switch 55-930



Slim-design, light weight CSA listed submersibles feature top discharge as well as cast-iron impellers, 304 stainless steel casing, motor housing, shaft and hardware. Pump motor is thermal overload protected. An optional piggyback mercury-free float switch is available. Float Switches: The mercury free liquid level control has a piggyback plug molded to the cord allowing the pump motor to plug into the cord and then plug the entire assembly into a standard grounded outlet.

Performance of Submersible Pumps



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Pump Dimensional & Specification Data

Model	Description/Type	Basic Construction	DIS*	HP	VAC	Full Load Amps	A	B	C	D Cable Length	E Suction Strainer	W	H	Ship Wt. (Lbs.)
1 1/2XT33	Submersible Pump	Stainless Steel/ Cast Iron	1-1/2	1/3	115	3	11.2 [28.5]	3.3 [8.4]	1.4 [3.5]	30 [9.1M]	0.39/[0.9] x 0.24 [0.6] Slots on 0.31/[0.7] Staggered Centers	6.6 [16.7]	14.5 [36.8]	30
2XH5	Submersible Pump	Stainless Steel/ Cast Iron	2	1/2	115	6	11.1 [28.2]	3.3 [8.4]	1.4 [3.5]	30 [9.1M]		6.6 [16.7]	14.5 [36.8]	31
2X11	Submersible Pump	Stainless Steel/ Cast Iron	2	1	115	10	13.7 [34.8]	3.8 [9.6]	1.6 [4.1]	50 [15.2M]	0.25/[0.6] x 0.38/[0.9] Slots on 0.50 [1.2] Staggered Centers	7.5 [19.0]	17.1 [43.4]	50

(*) Standard NPT (Male) pipe thread

NOTE: All dimensions are in inches (centimeters) and have a tolerance of $\pm 1/8"$.

NOTE: Electric supply for ALL motors must be within $\pm 10\%$ of nameplate voltage rating.

(S) Minimum Liquid Height

Model	Curve	Description/Type	HP	NPT Port Size	Basic Construction	Full Load Amps
1 1/2XT33	A	Submersible Pump	1/3	1.5"	Stainless Steel/Cast Iron	3
2XH5	B	Submersible Pump	1/2	2"	Stainless Steel/Cast Iron	6
2X11	C	Submersible Pump	1	2"	Stainless Steel/Cast Iron	14

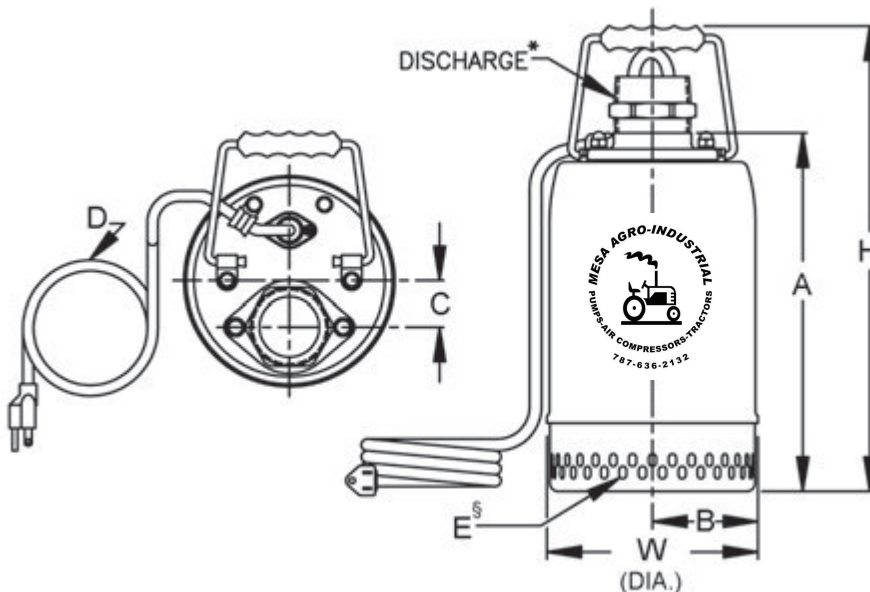
Model	Description	Ship Wt. (Lbs.)
55-930	Float Switches – Electrical Rating for 115/13 Amps with 30 Ft. 16 GA Cord	4
55-950	Float Switches – Electrical Rating for 115/20 Amps with 50 Ft. 14 GA Cord	5

Submersible Pump Standard Features

- Light Weight Slim Design
- Motors Protected by Overload or Thermal Breaker
- Lower Seal – Silicon-Carbide, Viton®
- Upper Seal – Carbon Ceramic, Viton®
- Oil Lubricated Seals
- Cast Iron Impeller, Top & Pump End
- 304 Stainless Steel Casing, Motor Housing, Shaft and Hardware
- Long Power Cables
 - 1/3 & 1/2 HP is 30 Feet in Length
 - 1 HP is 50 Feet in Length
- Optional Piggyback Mercury-free Float Switches
- Nitrile O-rings
- Max Temperature 104° F
- QSP – Quick Ship Pumps

Float Switch Standard Features

- Mercury-Free
- No Wiring
- Adjustable Clamp
- Corrosion Resistant
- Proven Reliability
- Omni Directional
- Variable Pumping Range
- Easily Installed





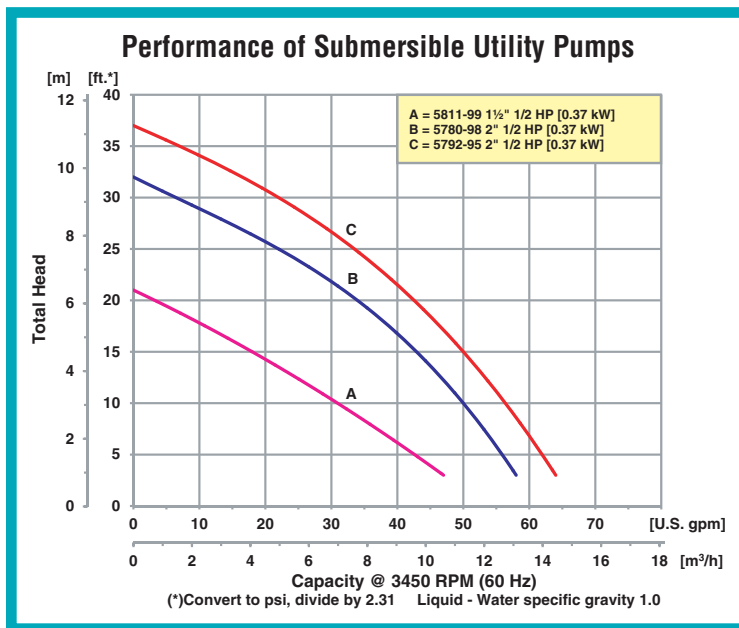
Submersible Drainage/ Sump Utility Pump



Model 5792-95

- **Stainless Steel, Cast Iron and Plastic Construction**
- **Built-in Thermal Protection**
- **Triplex Seal System; Double Mechanical Seals Plus Shaft Seal**
- **Automatic Mercury Free Float Switch Included (Except Stainless Steel Model 5780-98)**
- **U.L./CSA Listed**
- **1/2 HP, 115 VAC UL/SJT Cord with 3 Prong Plug**
- **1-1/2" to 2" NPT Port Sizes**
- **Clog Resistant Impellers**
- **Oil Filled, Quiet Run Motor Design**

AMT Submersible Sump pumps are designed for many applications including sump pits, drainage pits, overflow tanks, basements, dewatering, excavation, grain elevators, construction drainage, cooling towers and other applications requiring clear water removal. AMT Submersible pumps include suction screen and automatic float switch (except stainless steel model 5780-98).



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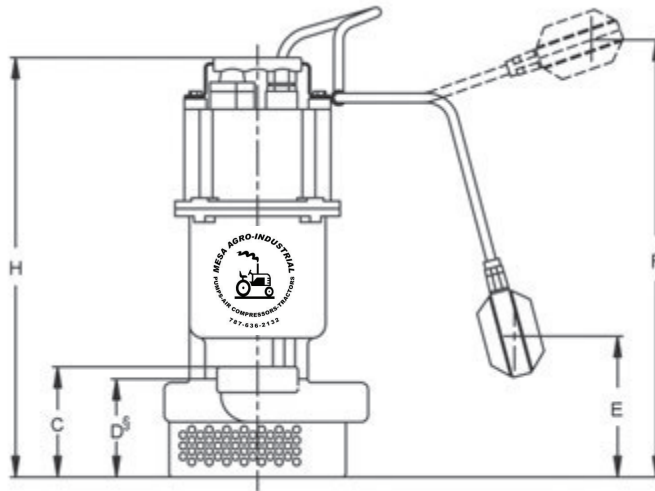
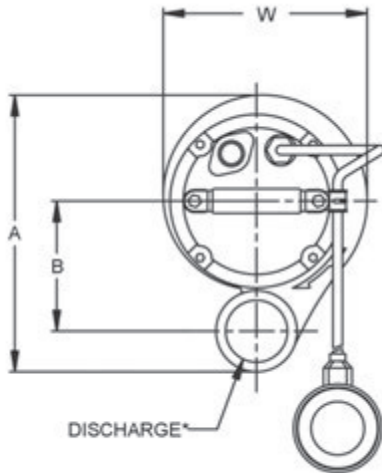
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Pump Dimensional & Specification Data

Model	Curve	HP	DIS*	Construction Materials	Type	Voltage @ 60 Hz	Full Load Amps	Cord Length (Ft.)	Ship Wt. (Lbs.)
5811-99	A	1/2	1.5"	Plastic	Vortex	115	5	12	15
5780-98	B	1/2	2"	Stainless Steel	Drainage	115	5	20	26
5792-95	C	1/2	2"	Cast Iron	Drainage	115	7	20	42

(*) Standard NPT (Female) pipe thread

NOTE: Electric Supply for ALL motors must be within ± 10% of nameplate voltage (Ex: 230V = 203 to 253)



Model	Screen	A	B	C	D ^S	E	F	W	H
5811-99	1/2 x 1-1/2	9.4 [23.8]	5.0 [12.7]	4.6 [11.6]	4.1 [10.4]	3.0 [7.6]	13.0 [33.0]	6.2 [15.7]	12.6 [32.0]
5780-98	3/16 Dia.	9.0 [22.8]	4.7 [11.9]	3.9 [9.9]	3.1 [7.9]	N/A	N/A	6.3 [16.0]	16.3 [41.4]
5792-95	1/4 Dia.	10.0 [25.4]	4.7 [11.9]	3.9 [9.9]	3.3 [8.4]	3.5 [8.9]	17.7 [45.0]	7.4 [18.8]	16.1 [41.4]

NOTE: Dimensions are in inches (centimeters) and have a tolerance of ±1/8".

(S) Minimum Liquid Height

Standard Features

- UL/CSA Listed
- Automatic Float Switch (except Stainless Steel Model 5780-98)
- Double Mechanical Seal Construction
- Model 5811-99: Plastic Submersible Includes Hose Adapter
- Maximum Temperature 104° F
- Suction Screen
- 115 VAC UL/SJTW Cord with 3 Prong Plug
- Carry Handle Built-In
- Thermally Protected
- Oil Filled, Quiet Run Motor Design
- QSP – Quick Ship Pumps

12 Volt DC Aluminum Submersible Pump

- **Aluminum Construction with Cast Iron Impeller**
- **1/3 HP, 12 Volt DC 30 Amp Motor**
- **1-1/2" NPT Discharge**
- **Buna-N Mechanical Seal with Carbon and Ceramic Faces**
- **Operates Approximately 60 Minutes on Fully Charged 55 Amp-Hour Battery**
- **Built-In Carry Handle**
- **Steel Strainer Built into Pump**
- **Overload Protection**
- **On/Off Switch**
- **Maximum Flow 42 GPM**

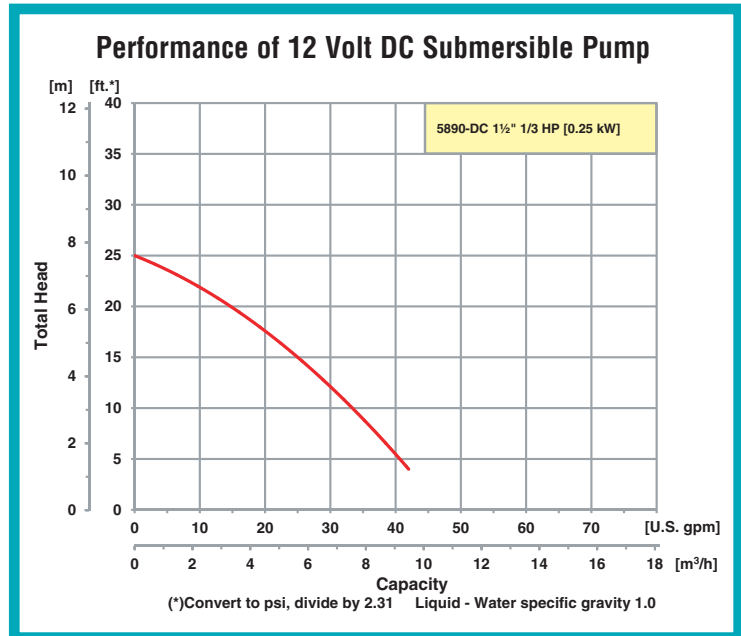


Model 5890-DC



5890-90

The AMT Submersible 12 Volt DC pump is designed for use in dewatering applications where limited or no electricity is present and for emergency back-up during power failure. The pump weighs 33 pounds and is constructed of aluminum with cast iron impeller. Unit comes assembled with 30 foot power cord, which has battery clips for easy attachment to 12 volt battery.



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For use with nonflammable liquids compatible with pump component materials. Viton® is a registered trademark of E.I. DuPont.

Pump Dimensional & Specification Data

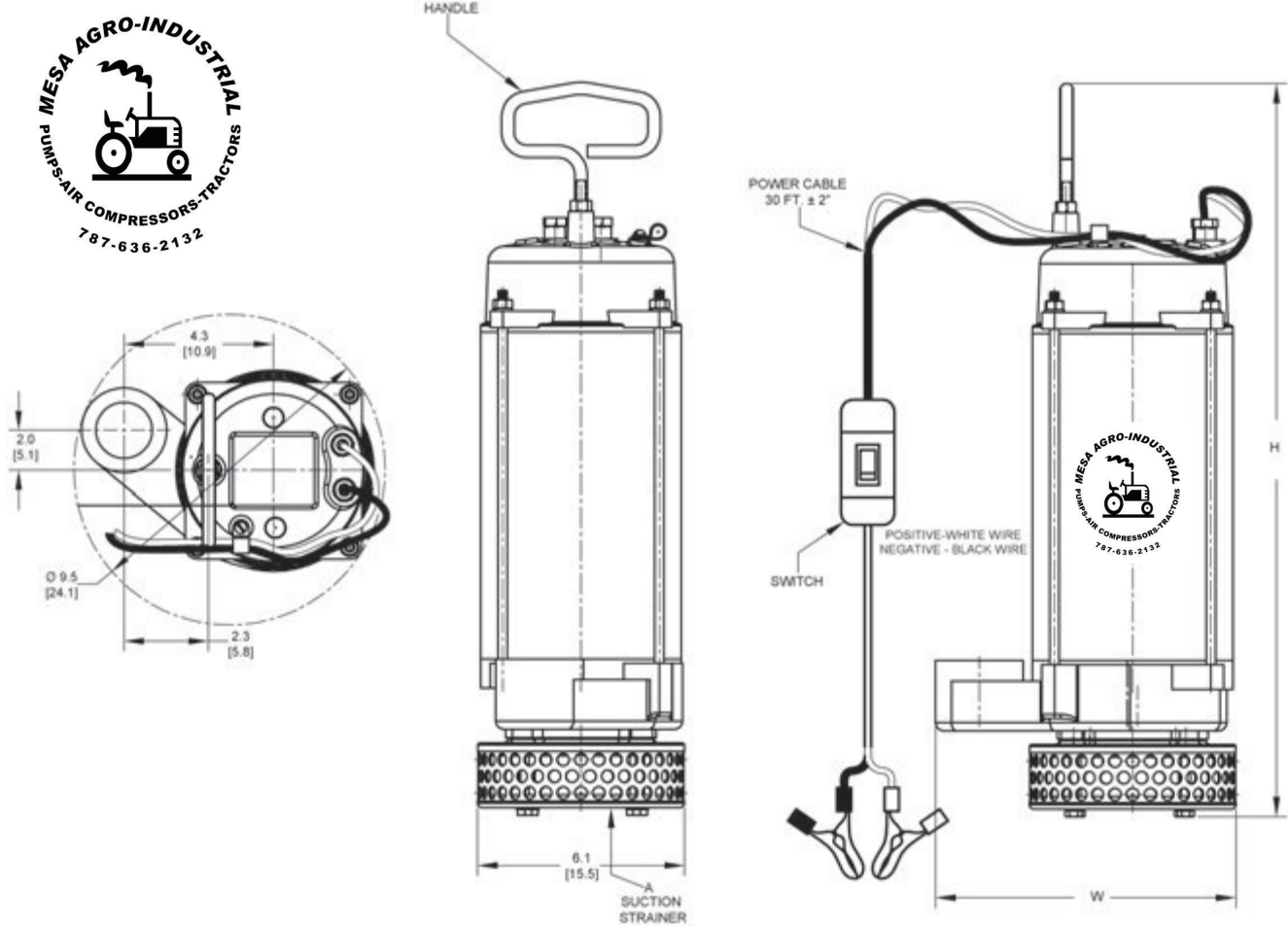
Model	Description/Type of Pump	HP	Voltage @ 60 Hz	Full Load Amps	DIS*	Seal Type & Elastomer	Motor Enclosure	A Suction Strainer	H	W	Ship Wt. (Lbs.)
5890-DC	Electric Submersible Pump	1/3	12V DC	30	1.5	Buna Carbon Ceramic	Aluminum	0.38/[0.9] Dia. Holes Located On 0.5/[1.2] Staggered Centers.	11.5 [29.2]	8.8 [22.3]	35
5890-90	Optional Carrying Case										14

(* Standard NPT (Female) Pipe Thread.

NOTE: All dimensions are in inches (centimeters) and have a tolerance of $\pm 1/8$ ".

NOTE: Electric Supply for ALL motors must be within $\pm 10\%$ of nameplate voltage (Ex: 230V = 203 to 253)

2-Conductor #8 Power Cable Neoprene Rubber Insulation With Battery Clips.



Standard Features

- Aluminum Construction with Cast Iron Impeller
- 1/3 HP, 12 Volt DC 30 Amp Motor
- 30 Ft. Insulated (PVC) Conductor Cable with Battery Clips
- Built-in Carry Handle
- On/Off Switch
- Maximum Temperature 104° F
- 1-1/2" NPT (Female) Discharge
- Steel Strainer Built into Pump
- Buna-N Mechanical Seal with Carbon and Ceramic Faces
- Overload Protected
- Stock Availability on this Model
- QSP – Quick Ship Pump

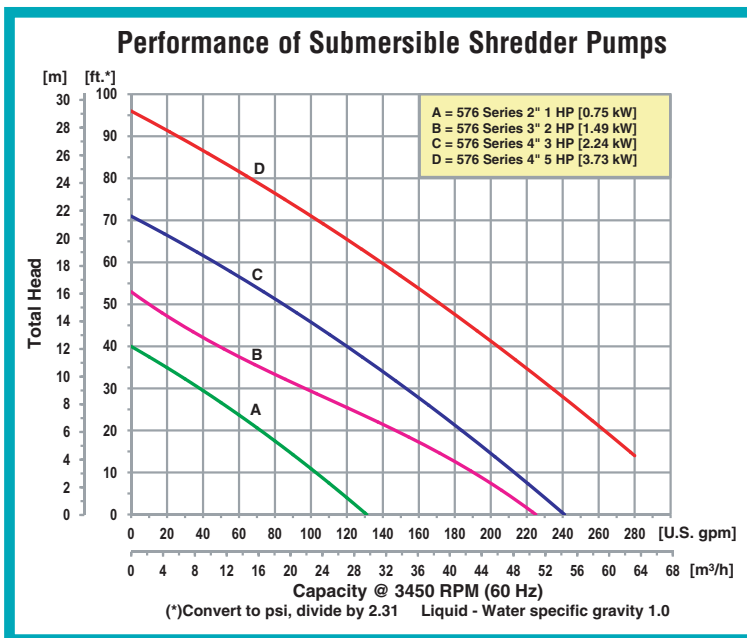
Submersible Shredder Sewage Pump



- **Cast Iron with Stainless Steel Motor Housing**
- **Carbide Tipped Shredder Impellers**
- **Spiral Shredder Mechanism Plate Surface Hardened for Enhanced Cutting Ability**
- **Triplex Seal System: Double Mechanical Seals Plus Shaft Seal**
- **Lower Seal - Silicon Carbide**
- **115, 230 or 460 VAC @ 60 Hz Available**
- **1 to 5 Horsepower**
- **2", 3" or 4" NPT**
- **UL/CSA Listed**
- **Single or Three Phase Available**

Model 5765-95

AMT Submersible Shredder Sewage pumps feature an enhanced spiral shredder mechanism plate and carbide tipped impeller to prevent clogging and reduce maintenance when cutting through stringy, fibrous and sludge type waste. Applications include: sewage pumping stations, septic tanks, sewage treatment plants, dirty water drainage, flood and emergency. Motors are rated continuous duty and single phase models have thermal overload protection. **Minimum liquid requirements must be above 85%. Failure to do so may cause pump damage and void warranty.**



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Pump Dimensional & Specification Data

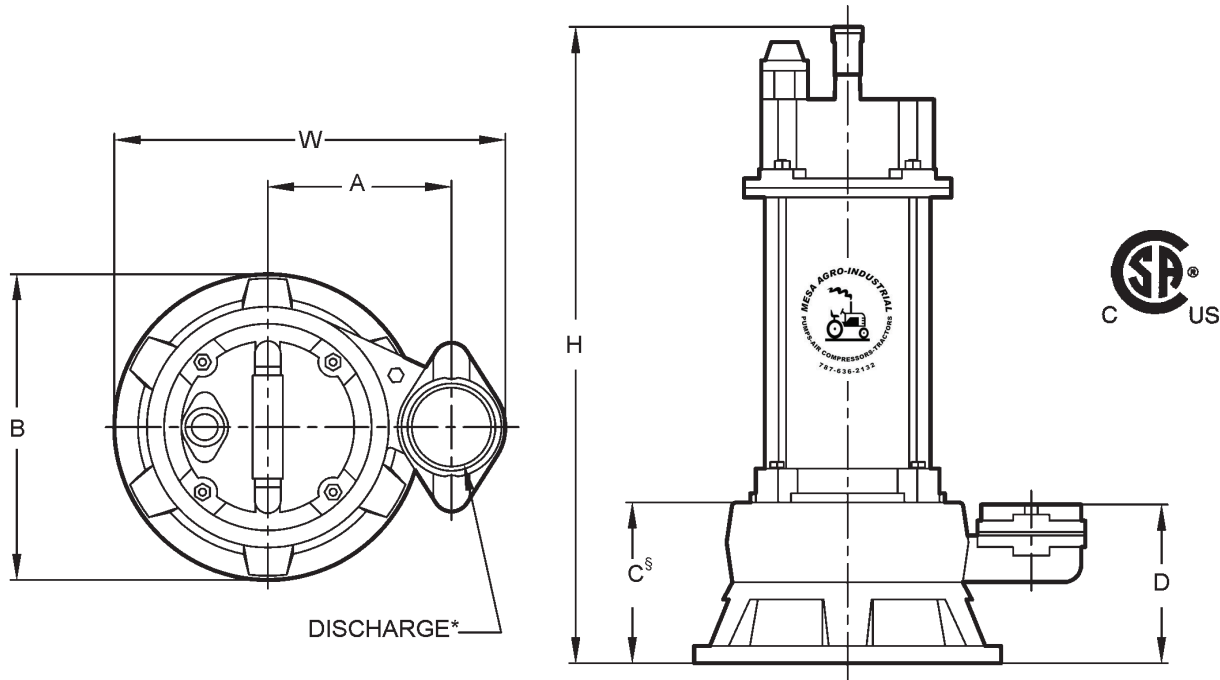
Model	Curve	DIS*	HP	PH	Voltage @ 60 Hz	Full Load Amps	Max Solids (Dia.)	Cord Length (Ft.)	A	B	C [§]	D	W	H	Ship Wt. (Lbs.)
5760-95	A	2	1	1	115	14	1	18 w/plug	5.3 [13.4]	8.9 [22.6]	4.5 [11.4]	5.5 [14.0]	11.4 [28.9]	18.5 [46.9]	50
5761-95				1	230	6	1	18							
5762-95				3	230	3	1	18							
576B-95				3	460	2	1	18							
5763-95	B	3	2	1	230	12	1.1	18	6.5 [16.5]	10.4 [26.4]	5.5 [14.0]	6.5 [16.5]	14.0 [35.3]	21.6 [54.8]	82
5764-95				3	230	6								17.5 [44.4]	68
576C-95				3	460	3								17.5 [44.4]	68
5765-95	C	4	3	1	230	16	1.1	18	7.5 [19.0]	10.4 [26.4]	5.5 [14.0]	6.6 [16.7]	16.2 [40.8]	22.8 [57.9]	120
5766-95				3	230	9								18.9 [48.0]	105
576D-95				3	460	5								18.9 [48.0]	105
5767-95	D	4	5	3	230	14	1.2	32	7.5 [19.0]	10.4 [26.4]	5.5 [14.0]	6.6 [16.7]	16.2 [40.8]	19.7 [50.0]	110
576E-95				3	460	7								19.7 [50.0]	110

(*) Standard NPT (Female) Pipe Thread

NOTE: Dimensions are in inches (centimeters) and have a tolerance of ± 1/8"

NOTE: Electric supply for ALL motors must be within ± 10% of nameplate voltage (Ex: 230V = 203 to 253)

(§) Minimum Liquid Height



Standard Features

- Cast Iron Construction
- Carbide Tipped Impeller
- Carrying Handle
- Stainless Steel Motor Housing
- UL/CSA Listed
- Maximum Temperature 104° F
- Double Mechanical Seal with Carbide Lower Seal
- Suction Screen
- QSP – Quick Ship Pumps

Submersible Contractor Pump



Model 5771-95

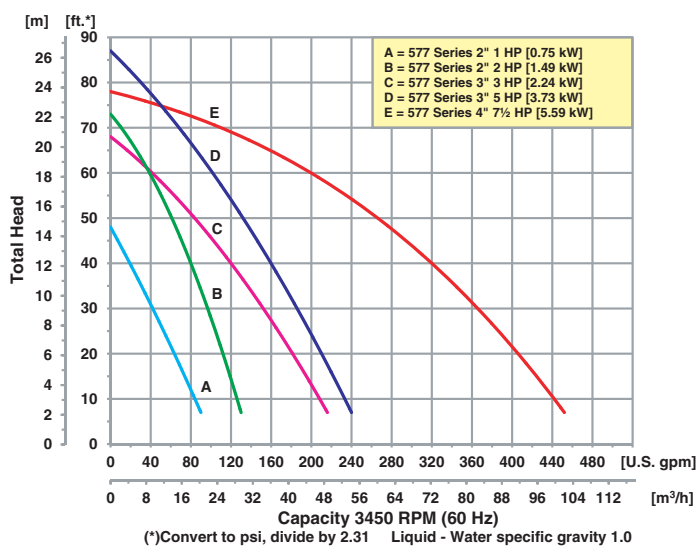
- **Cast Iron with Stainless Steel Motor Housing**
- **Hi Chromium (HCr) Steel Impeller and Cover for Wear Resistance and Durability**
- **Superior Motor Design for Quiet, Low Noise Operation**
- **Silicon Carbide Mechanical Seals Plus Shaft Seal**
- **3" and 4" Models Feature Companion Flange Connection**
- **230 VAC or 460 VAC @ 60 Hz**
- **Single or 3 Phase Available**
- **2", 3" or 4" NPT**
- **1 to 7.5 Horsepower**
- **UL/CSA Listed**



AMT Submersible Contractor pumps are intended for use in residential, commercial and industrial settings. Applications include: construction sites, waste water, storm water, farming, irrigation, excavation, mining, marine, basement and other general drainage applications involving sediment laden liquids with solids up to 3/8" in diameter.

Self-cleaning impeller featuring abrasion-resistant high chromium steel construction for durability. Pumps have a 3450 RPM electric motor fitted with an unfinished power cord that requires field wiring (no controls are supplied). Motors are rated continuous duty and single phase models have thermal overload protection.

Performance of Submersible Contractor Pumps



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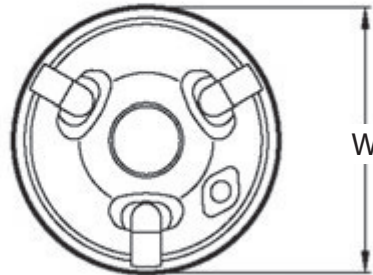
Model	Curve	Port NPT	HP	PH	Voltage @ 60 Hz	Full Load Amps	A [§]	W	H	Ship Wt. (Lbs.)
5771-95	A	2	1	1	230	7	2.8 [7.1]	8.3 [21.1]	19.3 [49.0]	51
5773-95	B	2	2	1	230	11	3.2 [8.1]	9.0 [22.8]	25.6 [65.0]	103
5777-95	C	3	3	1	230	18	3.2 [8.1]	9.0 [22.8]	26.4 [67.0]	110
577A-95	D	3	5	3	230	14	4.0 [10.1]	9.2 [23.3]	23.9 [60.7]	110
577B-95	D	3	5	3	460	7	4.0 [10.1]	9.2 [23.3]	23.9 [60.7]	115
577D-95	E	4	7-1/2	3	230	20	5.0 [12.7]	10.7 [27.2]	28.4 [72.1]	172
577E-95	E	4	7-1/2	3	460	11	5.0 [12.7]	10.7 [27.2]	28.4 [72.1]	175

(* Standard NPT (Female) Pipe Thread

NOTE: Dimensions are in inches (centimeters) and have a tolerance of $\pm 1/8"$

NOTE: Electric Supply for ALL motors must be within $\pm 10%$ of nameplate voltage (Ex: 230V = 203 to 253)

(§) Minimum Liquid Height



§ Minimum Liquid Height

Standard Features

- Cast Iron Construction
- Hi Chromium (HCr) Impeller and Cover
- Stainless Steel Motor Housing
- Silicon Carbide Seal with Shaft Seal
- UL/CSA Listed
- 32 Ft. Cord (No Plug)
- Suction Screen
- Carrying Handle
- Maximum Temperature 104° F
- Maximum Solids up to 3/8" Diameter
- QSP – Quick Ship Pumps