



**FLINT & WALLING**

Zoeller Family of Water Solutions™

FW0171

0112

Supersedes

0308

# Four-Inch Submersible Pumps

## 1/2 thru 7 1/2 HP 5 to 85 GPM

### Series "4F"

Low, medium and high capacity submersible pumps for home, farm, industry and dozens of other domestic and commercial applications

- Stainless Steel or Cast Iron Suction and Discharge Housings
- Stainless Steel Pump Shell
- Stainless Steel Hex Drive, Pump Shaft and Coupling
- Stainless Steel Screen
- Corrosion Resistant Cable Guard
- NEMA Standard Motor Mounting Ring
- Field Replaceable Cartridge Assembly, Lead Guard, Motor and Motor Lead Wire Assembly
- Stainless Steel, NEMA Franklin Motors



**MESA AGRO-INDUSTRIAL CORP.**  
 BOMBAS DE AGUA --FILTROS --COMPRESORES DE AIRE --  
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 TELS. 939-338-0607 --787-636-2132 - FAX. 787-740-0960  
 E-mail: mesaagro@hotmail.com - www.mesapr.com





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# 1/2 - 5 HP • 5, 7, 10, 15, 19 and 27 GPM



## MATERIAL CONSTRUCTION

Component Description	Commander® "S" Series 5, 7, 10, 15, 19 & 27 GPM 1/2 thru 5 HP	Captain® "A" Series 5, 7, 10, 19 & 27 GPM 1/2 thru 5 HP
Discharge Head	Stainless Steel, 1-1/4" NPT, safety rope eyelet included	Cast Iron, 1-1/4" NPT, safety rope eyelet included
Check Valve Poppet	Internal removable, with elastomer sealing ring	
Top Bearing	Closed sintered lead free sleeve bearing	
Pump Shell	Heavy wall stainless steel	Heavy wall stainless steel
Cable Guard	Stainless steel	Stainless steel or Crush-proof PVC
Staging*	Noryl® impellers and diffusers; type stainless steel floating bearing inserts and acetal diffuser plates	Noryl® impellers and diffusers; type stainless steel floating bearing inserts and acetal diffuser plates
Pump Shaft*	Stainless steel hex shaft with one piece motor-to-shaft coupling	Stainless steel hex shaft with one piece motor-to-shaft coupling
Motor Bracket	NEMA standard, stainless steel with stainless steel suction screen	NEMA standard, cast iron with stainless steel suction screen
Motor	All pumps driven by a complete selection of Franklin Electric stainless steel two wire or three wire water lubricated motors.	
Motor Controls	Franklin Electric control boxes required for three-wire single phase motors. Magnetic starters and heaters are required for three phase models. Purchase at your local electrical outlet.	

\* Replacement cartridge assembly available for all models. Includes all necessary parts to restore pumps to like-new performance. No special tools required. Noryl® is a registered trademark of General Electric.

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**1 - 7 1/2 HP • 35, 55 and 85 GPM**



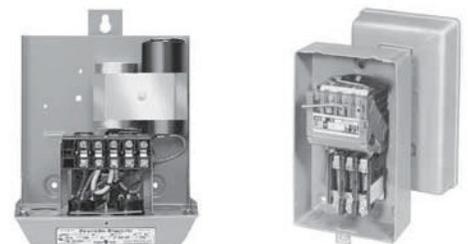
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**MATERIAL CONSTRUCTION**

Component Description	Commander® Plus "S" Series 35, 55 & 85 GPM 1 thru 7-1/2 HP	Captain® Plus "A" Series 35, 55 & 85 GPM 1 thru 7-1/2 HP
Discharge Head	Stainless Steel, 2" NPT, safety rope eyelets included	Cast Iron, 2" NPT
Check Valve Poppet	Check valve not included	Check valve not included
Top Bearing	Closed sintered lead free sleeve bearing	Closed sintered lead free sleeve bearing
Pump Shell	Heavy wall stainless steel	Heavy wall stainless steel
Cable Guard	Stainless steel	Stainless steel or Crush-proof PVC
Staging*	Noryl® impellers and diffusers; stainless steel floating bearing inserts and acetal diffuser plates	Noryl® impellers and diffusers; stainless steel floating bearing inserts and acetal diffuser plates
Pump Shaft*	Stainless steel hex shaft with one piece motor-to-shaft coupling	Stainless steel hex shaft with one piece motor-to-shaft coupling
Motor Bracket	NEMA standard, stainless steel with stainless steel suction screen	NEMA standard, cast iron with stainless steel suction screen
Motor	All pumps are driven by a complete selection of Franklin Electric stainless steel two wire or three wire water lubricated motors. Order motors separately.	
Motor Controls	Franklin Electric control boxes required for three-wire single phase motors. Magnetic starters and heaters are required for three phase models. Purchase at your local electrical outlet.	



\* Replacement cartridge assembly available for all models. Includes all necessary parts to restore pumps to like-new performance. No special tools required. Noryl® is a registered trademark of General Electric.



















Model No. Code 5 thru 27 GPM

4 F 10 A 05 - 30 1

4-inch minimum well diameter \_\_\_\_\_  
 Series \_\_\_\_\_  
 GPM \_\_\_\_\_  
 Material Construction \_\_\_\_\_  
 S - S.S. Castings, S.S. Shell  
 A - Cast Iron Castings, S.S. Shell  
 Motor H.P. Size \_\_\_\_\_

Motor Mfg. and Lead Type  
 1 – 3-wire, Franklin  
 5 – 2-wire, Franklin

Motor Voltage and Phase  
 00 – 115 V 1 Ph  
 30 – 230 V 1 Ph

1/2 - 1-1/2 HP Single phase pump and motor assembly includes pump/motor unit with motor leads.

Order control box for 3-wire units separately.

On 2 - 7-1/2 HP and all 3 phase units, order pump, motor and control box separately. Magnetic starters must be purchased locally. Lead wire assembly included with motor.

Model No. Code 35, 55 & 85 GPM

4 F 35 A 20

4-inch minimum well diameter \_\_\_\_\_  
 Series \_\_\_\_\_  
 GPM \_\_\_\_\_  
 Material Construction \_\_\_\_\_  
 S - S.S. Castings, S.S. Shell  
 A - Cast Iron Castings, S.S. Shell  
 Motor H.P. Size \_\_\_\_\_

On 35, 55 & 85 GPM units order pump, motor and control box separately. Magnetic starters must be purchased locally. Lead wire assembly included with motor.

**4" FRANKLIN SUBMERSIBLE MOTORS & CONTROL BOXES**

HP Rating	Voltage & Phase	Motor Type	Motor Thrust Rating	Motor Order Number	Control Box Order Number
1/2	115V/1PH	3-Wire	300#	137426	127185
	230V/1PH	3-Wire	300#	137428	127189
	115V/1PH	2-Wire	300#	137412	
	230V/1PH	2-Wire	300#	137414	
3/4	230V/1PH	3-Wire	300#	137430	127197
	230V/1PH	2-Wire	300#	137416	
1	230V/1PH	3-Wire	650#	137432	126319
	230V/1PH	2-Wire	650#	137418	
1-1/2	230V/1PH	3-Wire	650#	137434	133589
	230V/1PH	3-Wire	650#	137420	
	200V/3PH	3-Wire	650#	137457	
	230V/3PH	3-Wire	650#	137458	
	460V/3PH	3-Wire	650#	137460	

HP Rating	Voltage & Phase	Motor Type	Motor Thrust Rating	Motor Order Number	Control Box Order Number
2	230V/1PH	3-Wire	650#	137435	137224+ 126321++
	200V/3PH	3-Wire	650#	137461	
	230V/3PH	3-Wire	650#	137462	
	460V/3PH	3-Wire	650#	137464	
3	230V/1PH	3-Wire	900#	139422	136800+ 126322++
	200V/3PH	3-Wire	900#	139423	
	230V/3PH	3-Wire	900#	139424	
	460V/3PH	3-Wire	900#	139425	
5	230V/1PH	3-Wire	1500#	137456	135269+ 137225++
	200V/3PH	3-Wire	1500#	137469	
	230V/3PH	3-Wire	1500#	137470	
	460V/3PH	3-Wire	1500#	137472	
7-1/2	200V/3PH	3-Wire	1500#	137473	
	230V/3PH	3-Wire	1500#	137474	
	460V/3PH	3-Wire	1500#	137476	

++Standard control box.



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