

when
experience
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Pumps Systems Accessories

POWER-FLO[®]
Pumps & Systems



**Power-Flo Pumps & Systems
Garden City Park, New York
warehousing, assembly
and service facility**



**Power-Flo Pumps & Systems
Ohio facility**

**Power-Flo Pumps & Systems
Manufacturing and
Engineering facility**



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Sump Pumps

Sump Pumps

Total Head	MODEL (gpm)	
	PF33	PF50
5'	58	66
10'	43	58
15'	35	46
20'	25	35
25'	15	20



PF33 • PF50 Series

Model	PF33	PF50
HP	1/3hp	1/2hp
RPM	3450	3450
Electrical	120v 1ph	120v 1ph
Shut Off (ft)	30	30
Cord Length	10' / 20'	20'
Construction	cast iron	cast iron
Impeller	cast iron vortex	cast iron vortex
Solids	1/2"	1/2"
Discharge	1-1/2"	1-1/2"
Automatic Operation <i>(level control type)</i>	mech float vert float	mech float vert float

Laundry & Sink Tray Pump System

Power-Flo's Laundry and Sink Tray Pump System (PFSLTB-1313) includes a PF33 automatic sump pump, check valve, piping and sump collection basin. Compact design to fit under sinks and in limited space areas.

Typical Applications

Laundry tray pump, sinks, dehumidifier water and air conditioning condensate removal, wet bars.

Tank Capacity

11 gallons

For other packaged pump systems refer to page 17.



Effluent Pumps

PF33 • PF50 Series

Model	PF33	PF50
HP	1/3hp	1/2hp
RPM	3450	3450
Electrical	120v 1ph	120v 1ph
Shut Off (ft)	30	30
Cord Length	10' / 20'	20'
Construction	cast iron	cast iron
Impeller	cast iron vortex	cast iron vortex
Solids	1/2"	1/2"
Discharge	1-1/2"	1-1/2"
Automatic Operation <i>(level control type)</i>	mech float vert float	mech float vert float



Total Head	MODEL (gpm)	
	PF33	PF50
5'	58	66
10'	43	58
15'	35	46
20'	25	35
25'	15	20

PFSTEP

Model	PFSTEP512	PFSTEP522
Motor	1/2hp	1/2hp
RPM	3450	3450
Electrical	115v 1ph	230v 1ph
Shut Off (ft)	79'	79'
Cord Length	20'	20'
Construction	cast iron	cast iron
Impeller	polypropylene with SS insert	
Discharge	2"	2"



Total Head	MODEL (gpm)	
	PFSTEP512	PFSTEP522
5'	76	76
20'	63	63
40'	45	45
60'	24	24
70'	11	11

PFEV512

Model	PFEV512
Motor	1/2hp
RPM	3450
Electrical	115v 1ph
Shut Off (ft)	46'
Cord Length	20'
Construction	cast iron
Impeller	cast iron
Discharge	2"
Solids	3/4"
Automatic Operation <i>(level control type)</i>	mech float vert float



Total Head	MODEL (gpm)
	PFEV512
5'	62
10'	58
20'	50
30'	38
35'	30
40'	17
45'	7

Effluent Pumps

PFEH Series

Model	PFEH512	PFEH1022	PFEH1032	PFEH1042
Motor	1/2	1	1	1
RPM	3450	3450	3450	3450
Electrical	115/1	230/1	230/3	460/3
Shut Off (ft)	52	80	80	80
Cord Length	15'	15'	15'	15'
Construction	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Impeller	2 vane, Bronze 85-5-5-5			
Solids	3/4"	3/4"	3/4"	3/4"
Discharge	2"	2"	2"	2"



TOTAL HEAD	GPM	
	1/2 HP	1 HP
10'	60	78
20'	50	76
40'	20	55
60'	--	39

Sewage Pumps

PFS & PFV Series



Pump Body	Cast Iron Construction
Impeller	Cast Iron, Vortex design on PFV512 and PFS531TW

- Carbon ceramic mechanical seal
- Inboard seal on PFS411/421 and PFV512
- Mechanical wide angle (A) or Vertical float (VF) versions available for automatic operation.
- Manual pumps require external control

* High Temperature model for 200°F applications

MODEL	HP	VOLTS/ PHASE	RPM	DISCHARGE SIZE	MAX SOLIDS	CORD LENGTH	MAX HEAD	MAX GPM	ECONOMY CONTROL PANEL	
									Simplex	Duplex
PFS411	4/10	115/1	1750	2"	2"	15 FT.	25	116	PF100	PF200
PFS411A	4/10	115/1	1750	2"	2"	15 FT.	25	116	N/R	N/R
PFS411VF	4/10	115/1	1750	2"	2"	15 FT.	25	116	N/R	N/R
PFS411HT*	4/10	115/1	1750	2"	2"	15 FT.	25	116	PF100	PF200
PFS421	4/10	230/1	1750	2"	2"	15 FT.	25	116	PF103	PF203
PFS531TW	1/2	115/1	3450	2"	2"	20 FT.	22	62	PF100	PF200
PFS531TWA	1/2	115/1	3450	2"	2"	20 FT.	22	62	N/R	N/R
PFS531TWA1	1/2	115/1	3450	2"	2"	20 FT.	22	62	N/R	N/R
PFV512	1/2	115/1	3450	2"	2"	20 FT.	22	90	PF100	PF200
PFV512A	1/2	115/1	3450	2"	2"	20 FT.	22	90	N/R	N/R
PFV512VF	1/2	115/1	3450	2"	2"	20 FT.	22	90	N/R	N/R

See page 20 for Economy Panel and page 21 for Standard Panels and options
 N/R = Not Required

Sewage Pumps



PFSE Series

Pump Body	Cast Iron Construction
Impeller	2 vane open impeller

- Carbon ceramic seal 1/2 hp thru 1 hp
- Silicon carbide seal 1-1/2 hp thru 3 hp
- Heavy duty design
- Inboard mechanical seal

* High Temperature model for 200°F applications

MODEL	HP	VOLTS/ PHASE	DISCHARGE SIZE	MAX SOLIDS	MAX HEAD	MAX GPM	CONTROL PANELS ^Δ	
							SIMPLEX	DUPLEX
PFSE51	1/2	115/1	2"	2"	25'	160	PF100	PF200
PFSE51A	1/2	115/1	2"	2"	25'	160	N/R	N/R
PFSE51HT*	1/2	115/1	2"	2"	25'	160	PF100	PF200
PFSE52	1/2	230/1	2"	2"	25'	160	PF103	PF203
PFSE594	1/2	200-230/3	2"	2"	25'	160	PF1004-O	PF2004-O
PFSE544	1/2	460/3	2"	2"	25'	160	PF1005-O	PF2005-O
PFSE774	3/4	200-230/1	2"	2"	30'	190	PF113	PF213
PFSE794	3/4	200-230/3	2"	2"	30'	190	PF1014-O	PF2014-O
PFSE744	3/4	460/3	2"	2"	30'	190	PF1015-O	PF2015-O
PFSE1074	1	200-230/1	2"	2"	38'	220	PF113	PF213
PFSE1094	1	200-230/3	2"	2"	38'	220	PF1014-O	PF2014-O
PFSE1044	1	460/3	2"	2"	38'	220	PF1015-O	PF2015-O
PFSE1524	1-1/2	230/1	3"	2-1/2"	36'	375	PF1023	PF2023
PFSE1594	1-1/2	208-230/3	3"	2-1/2"	36'	375	PF1024-O	PF2024-O
PFSE1544	1-1/2	460/3	3"	2-1/2"	36'	375	PF1025-O	PF2025-O
PFSE2024	2	230/1	3"	2-1/2"	48'	410	PF1023	PF2023
PFSE2094	2	208-230/3	3"	2-1/2"	48'	410	PF1024-O-20	PF2024-O-20
PFSE2044	2	460/3	3"	2-1/2"	48'	410	PF1025-O	PF2025-O
PFSE3024	3	230/1	3"	2-1/2"	65'	435	PF1033-40	PF2033-40
PFSE3094	3	208-230/3	3"	2-1/2"	65'	435	PF1034-O-20	PF2034-O-20
PFSE3044	3	460/3	3"	2-1/2"	65'	435	PF1035-O	PF2035-O

^Δ - PF + 3 digit number is Economy Panel, PF + 4 digit number is Standard Panel

See page 20 for Economy Panel and page 21 for Standard Panels and options

N/R = Not Required

Non-Clog Pumps

PF4NC Series



Pump Body	Cast Iron Construction
Impeller	Open type impeller on 4" models

- Silicon carbide outer seal
- Single seal and double seal models
- Moisture & temperature sensors on all double seal models
- Explosion proof models available
- Pumps are oil filled
- 1750 RPM

MODEL	HP	VOLTS/ PHASE	DISCHARGE SIZE	MAX SOLIDS	MAX HEAD	MAX GPM	CONTROL PANEL	
							SIMPLEX	DUPLEX
PF4NC2824SS	2.8	230/1	4"	3"	35'	400	PF1033	PF2033
PF4NC2834SS	2.8	230/3	4"	3"	35'	400	PF1034-O	PF2034-O
PF4NC2844SS	2.8	460/3	4"	3"	35'	400	PF1035-O	PF2035-O
PF4NC3724SS	3.7	230/1	4"	3"	41'	450	PF1043	PF2043
PF4NC3764SS	3.7	208/3	4"	3"	41'	450	PF1042-O-20	PF2042-O-20
PF4NC3734SS	3.7	230/3	4"	3"	41'	450	PF1044-O-20	PF2044-O-20
PF4NC3744SS	3.7	460/3	4"	3"	41'	450	PF1045-O	PF2045-O
PF4NC5024SS	5	230/1	4"	3"	47'	500	PF1053-40	PF2053-40
PF4NC5064SS	5	208/3	4"	3"	47'	500	PF1052-O-25	PF2052-O-25
PF4NC5034SS	5	230/3	4"	3"	47'	500	PF1054-O-20	PF2054-O-20
PF4NC5044SS	5	460/3	4"	3"	47'	500	PF1055-O	PF2055-O
PF4NC4524	4.5	230/1	4"	3"	40'	600	PF1053-COST-40	PF2053-COST-40
PF4NC4534	4.5	230/3	4"	3"	40'	600	PF1054-OST-20	PF2054-OST-20
PF4NC4544	4.5	460/3	4"	3"	40'	600	PF1055-OST	PF2055-OST
PF4NC4564	4.5	208/3	4"	3"	40'	600	PF1052-OST-25	PF2052-OST-25
PF4NC7524	7.5	230/1	4"	3"	50'	700	PF1083-COST-40	PF2083-COST-40
PF4NC7534	7.5	230/3	4"	3"	50'	700	PF1084-OST-25	PF2084-OST-25
PF4NC7544	7.5	460/3	4"	3"	50'	700	PF1085-OST-20	PF2085-OST-20
PF4NC7564	7.5	208/3	4"	3"	50'	700	PF1082-OST-32	PF2082-OST-32
PF4NC11334	11.3	230/3	4"	3"	70'	875	PF1124-OST-32	PF2124-OST-32
PF4NC11344	11.3	460/3	4"	3"	70'	875	PF1125-OST-20	PF2125-OST-20
PF4NC11364	11.3	208/3	4"	3"	70'	875	PF1122-OST-65	PF2122-OST-65
PF4NC15034	15	230/3	4"	3"	80'	925	PF1154-OST-65	PF2154-OST-65
PF4NC15044	15	460/3	4"	3"	80'	925	PF1155-OST-20	PF2154-OST-20

* See page 20 for Economy Panel and page 21 for Standard Panels and options

Non-Clog Pumps



PF6NC & PF8NC Series

Pump Body	Cast Iron Construction
Impeller	Solids Handling Enclosed Impeller

- Silicon carbide outer seal
- Moisture & temperature sensors on all double seal models
- Explosion proof models available
- Pumps are oil filled
- 1150 & 1750 RPM

MODEL	HP	VOLTS/ PHASE	DISCHARGE SIZE	MAX SOLIDS	MAX HEAD	MAX GPM	CONTROL PANEL-65	
							SIMPLEX	DUPLEX
PF6NC9096	9	230/3	6"	3"	60	1200	PF1094-OST-32	PF2094-OST-32
PF6NC9046	9	460/3	6"	3"	60	1200	PF1095-OST-20	PF2095-OST-20
PF6NC12096	12	230/3	6"	3"	70	1400	PF1124-OST-65	PF2124-OST-65
PF6NC12046	12	460/3	6"	3"	70	1400	PF1125-OST-20	PF2125-OST-20
PF6NC18096	18	230/3	6"	3"	80	1600	PF1184-OST-65	PF2184-OST-65
PF6NC18046	18	460/3	6"	3"	80	1600	PF1185-OST-25	PF2185-OST-25
PF6NC24096	24	230/3	6"	3"	100	1900	PF1244-OST-65	PF2244-OST-65
PF6NC24046	24	460/3	6"	3"	100	1900	PF1245-OST-32	PF2245-OST-32
PF6NC30096	30	230/3	6"	3"	116	2000	PF1304-OST-95	PF2304-OST-95
PF6NC30046	30	460/3	6"	3"	116	2000	PF1305-OST-65	PF2305-OST-65
PF6NC18034	18	230/3	6"	3"	100	1600	PF1184-OST-65	PF2184-OST-65
PF6NC18044	18	460/3	6"	3"	100	1600	PF1185-OST-32	PF2185-OST-32
PF6NC24034	24	230/3	6"	3"	125	1600	PF1244-OST-65	PF2244-OST-65
PF6NC24044	24	460/3	6"	3"	125	1600	PF1245-OST-32	PF2245-OST-32
PF6NC30034	30	230/3	6"	3"	140	1600	PF1304-OST-80	PF2304-OST-80
PF6NC30044	30	460/3	6"	3"	140	1600	PF1305-OST-65	PF2305-OST-65
PF6NC36034	36	230/3	6"	3"	160	1600	PF1364-OST-95	PF2364-OST-95
PF6NC36044	36	460/3	6"	3"	160	1600	PF1365-OST-65	PF2365-OST-65
PF6NC48044	48	460/3	6"	3"	210	2000	PF1485-OST-65	PF2485-OST-65
PF6NC60044	60	460/3	6"	3"	240	2200	PF1605-OST-80	PF2605-OST-80
PF6NC30034H	30	230/3	6"	3"	88	1850	PF1304-OST-80	PF2304-OST-80
PF6NC30044H	30	460/3	6"	3"	88	1850	PF1305-OST-65	PF2305-OST-65
PF6NC36034H	36	230/3	6"	3"	110	2000	PF1364-OST-95	PF2364-OST-95
PF6NC36044H	36	460/3	6"	3"	110	2000	PF1365-OST-65	PF2365-OST-65
PF6NC48044H	48	460/3	6"	3"	135	2200	PF1485-OST-65	PF2485-OST-65
PF6NC60044H	60	460/3	6"	3"	145	2500	PF1605-OST-80	PF2605-OST-80
PF8NC36036	36	230/3	8"	3"	60	3700	PF1364-OST-95	PF2364-OST-95
PF8NC36046	36	460/3	8"	3"	60	3700	PF1365-OST-65	PF2365-OST-65
PF8NC48046	48	460/3	8"	3"	64	3750	PF1485-OST-65	PF2485-OST-65

* See page 20 for Economy Panel and page 21 for Standard Panels and options

Grinder Pumps

PFG Series



Pump Body	Cast Iron Construction
Impeller	12 vane cast iron
Cutter Blades	Hardened SS cutter & shredding ring

- Carbon ceramic seals on 2HP
- Silicon carbide outer seal on 3, 5 & 7.5 HP models
- 2 HP offers both single or double seal
- PFGPC includes internal capacitors and relay
- Single seal PFGPC models available with wide angle float for automatic operation
- Pumps are oil filled

MODEL	HP	VOLTS/ PHASE	DISCHARGE SIZE	MAX HEAD	MAX GPM	CONTROL PANEL *	
						SIMPLEX	DUPLEX
PFGPC2022HVS	2	230/1	1-1/4"	108	58	PF123	PF223
PFGPC2002HVS	2	200/1	1-1/4"	108	58	PF121	PF221
PFGPC2022HHS	2	230/1	1-1/4"	125	30	PF123	PF223
PFGPC2002HHS	2	200/1	1-1/4"	125	30	PF121	PF221
PFGPC2022HV	2	230/1	1-1/4"	108	58	PF123	PF223
PFGPC2002HV	2	200/1	1-1/4"	108	58	PF121	PF221
PFGPC2022HH	2	230/1	1-1/4"	125	30	PF123	PF223
PFGPC2002HH	2	200/1	1-1/4"	125	30	PF121	PF221
PFG2002HV	2	200/1	1-1/4"	100	58	PF1021-C	PF2021-C
PFG2022HV	2	230/1	1-1/4"	100	58	PF1023-C	PF2023-C
PFG2062HV	2	200/3	1-1/4"	100	58	PF1022-O	PF2022-O
PFG2032HV	2	230/3	1-1/4"	100	58	PF1024-O	PF2024-O
PFG2042HV	2	460/3	1-1/4"	100	58	PF1025-O	PF2025-O
PFG2002HH	2	200/1	1-1/4"	125	30	PF1021-C	PF2021-C
PFG2022HH	2	230/1	1-1/4"	125	30	PF1023-C	PF2023-C
PFG2032HH	2	230/3	1-1/4"	125	30	PF1024-O	PF2024-O
PFG2062HH	2	200/3	1-1/4"	125	30	PF1022-O	PF2022-O
PFG2042HH	2	460/3	1-1/4"	125	30	PF1025-O	PF2025-O
PFG3022	3	230/1	2"	84	103	PF1053-COST-40	PF2053-COST-40
PFG3062	3	208/3	2"	84	103	PF1032-OST-20	PF2032-OST-20
PFG3032	3	230/3	2"	84	103	PF1034-OST-20	PF2034-OST-20
PFG3042	3	460/3	2"	84	103	PF1035-OST	PF2035-OST
PFG5022	5	230/1	2"	130	103	PF1053-COST-40	PF2053-COST-40
PFG5062	5	208/3	2"	130	103	PF1052-OST-25	PF2052-OST-25
PFG5032	5	230/3	2"	130	103	PF1054-OST-25	PF2054-OST-25
PFG5042	5	460/3	2"	130	103	PF1055-OST	PF2055-OST
PFG7532	7.5	230/3	2"	136	103	PF1084-OST-25	PF2084-OST-25
PFG7542	7.5	460/3	2"	136	103	PF1085-OST-20	PF2085-OST-20

* See page 20 for Economy Panel and page 21 for Standard Panels and options

Cutter Pumps

PF4SC Series



Max Flow	820 GPM
Max Head	112 TDH
Pump Body	Cast Iron to Class 40B
Impeller	Austenitic Cast Iron to ASTM A436-80-85-06 Standards
Cutter Blades	Tool Steel hardened and tempered to grade 45/47 Rockwell "C"

MODEL	HP	VOLTS/ PHASE	RPM	MAX HEAD	MAX GPM	CONTROL PANEL*	
						SIMPLEX	DUPLEX
PF4SCC4236	4.2	230/3	1150	24	265	PF1054-ST-20	PF2054-ST-20
PF4SCC4246	4.2	460/3	1150	24	265	PF1055-ST	PF2055-ST
PF4SCD4236	4.2	230/3	1150	30	300	PF1054-ST-20	PF2054-ST-20
PF4SCD4246	4.2	460/3	1150	30	300	PF1055-ST	PF2055-ST
PF4SCE4236	4.2	230/3	1150	35	460	PF1054-ST-20	PF2054-ST-20
PF4SCE4246	4.2	460/3	1150	35	460	PF1055-ST	PF2055-ST
PF4SCF4236	4.2	230/3	1150	42	460	PF1054-ST-20	PF2054-ST-20
PF4SCF4246	4.2	460/3	1150	42	460	PF1055-ST	PF2055-ST
PF4SCF8936	8.9	230/3	1150	54	525	PF1094-ST-32	PF2094-ST-32
PF4SCF8946	8.9	460/3	1150	54	525	PF1095-ST-20	PF2095-ST-20
PF4SCC4834	4.8	230/3	1750	47	340	PF1054-ST-20	PF2054-ST-20
PF4SCC4844	4.8	460/3	1750	47	340	PF1055-ST	PF2055-ST
PF4SCD4834	4.8	230/3	1750	56	410	PF1054-ST-20	PF2054-ST-20
PF4SCD4844	4.8	460/3	1750	56	410	PF1055-ST	PF2055-ST
PF4SCD7134	7.1	230/3	1750	66	500	PF1084-ST-20	PF2084-ST-20
PF4SCD7144	7.1	460/3	1750	66	500	PF1085-ST	PF2085-ST
PF4SCE12934	12.9	230/3	1750	68	660	PF1134-ST-65	PF2134-ST-65
PF4SCE12944	12.9	460/3	1750	68	660	PF1135-ST-20	PF2135-ST-20
PF4SCE17734	17.7	230/3	1750	98	750	PF1184-ST-65	PF2184-ST-65
PF4SCE17744	17.7	460/3	1750	98	750	PF1185-ST-25	PF2185-ST-25
PF4SCF17734	17.7	230/3	1750	94	685	PF1184-ST-65	PF2184-ST-65
PF4SCF17744	17.7	460/3	1750	94	685	PF1185-ST-25	PF2185-ST-25
PF4SCF29734	29.7	230/3	1750	112	820	PF1304-ST-80	PF2304-ST-80
PF4SCF29744	29.7	460/3	1750	112	820	PF1305-ST-65	PF2305-ST-65

* See page 21 for Standard Panels and options

Utility Pumps

Utility Submersible Pump

PFUT06

Model	PFUT06
Motor	1/6hp
RPM	3450
Electrical	120v 1ph
Shut Off (ft)	23
Cord Length	15'
Construction	thermopla
Impeller	thermopla
Solids	1/8"
Discharge	3/4" (garden



MODEL (gpm)	
Total Head	PFUT06
5'	16
10'	13
15'	8
20'	3

PFUEG

Model	PFUEG
Motor Housing	Steel
Electrical	115v
Cord Length	10'
Construction	Thermoplastic
Impeller	Thermoplastic
Discharge	3/4" Hose Thread



MODEL (gpm)	
Total Head	PFUEG
5'	6
10'	4
20'	3
30'	2.3
40'	1.0

PFACE

Model	PFACE
Motor	open 1/2 hp
Electrical	115v
Shut Off (ft)	105'
Cord Length	10'
Construction	cast iron/thermoplastic impeller
Discharge	3/4" Male



MODEL (gpm)	
Total Head	PFACE
5'	20
20'	18
40'	14
80'	6
100'	1

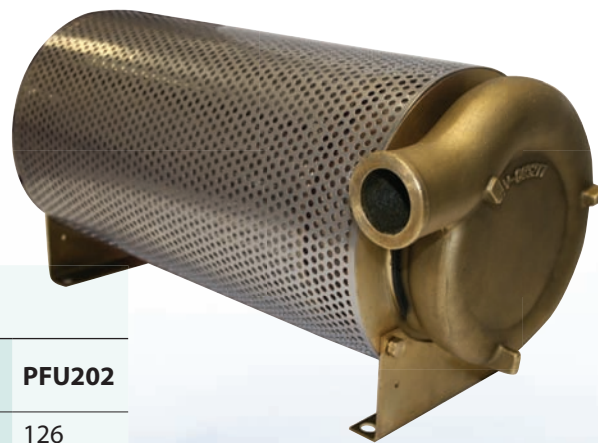
Water-Feature Pumps

PFU Series

Model	PFU31	PFU51	PFU71	PFU102	PFU152	PFU202
HP	1/3	1/2	3/4	1	1-1/2	2
RPM	3450	3450	3450	3450	3450	3450
Electrical	115v 1ph	115v 1ph	115v 1ph	230v 1ph	230v 1ph	230v 1ph
Shut Off (ft)	34'	42'	50'	55'	60'	68'
Cord Length	12'	12'	12'	12'	12'	12'
Construction	Brass/SS	Brass/SS	Brass/SS	Brass/SS	Brass/SS	Brass/SS
Discharge Hose Con. FNPT	1-3/4" 1"	1-3/4" 1"	1-3/4" 1"	1-3/4" 1"	2" 1-1/4"	2" 1-1/4"

Features:

- Vacuum pressure impregnation "VPI" sealed insulation systems, Class H motors
- Carbon Ceramic seal
- 1-3/4" Hose connection & 1" NPTF on 1/3HP - 1HP
- 2" Hose connection & 1-1/4 NPTF on 1-1/2HP & 2HP
- Single row ball bearings, both ends



Total Head	MODEL (gpm)					
	PFU31	PFU51	PFU71	PFU102	PFU152	PFU202
10'	62	76	94	100	112	126
20'	47	62	84	92	100	113
30'	21	43	68	79	86	100
40'	-	20	43	57	66	80
50'	-	-	-	22	38	59
60'	-	-	-	-	-	30

Dewatering Pumps

PF Series



Pump Body	Aluminum hard anodized construction
Impeller	Hardened 17-4 stainless impeller 2 HP and above

- Silicon carbide outer seal
- Vacuum pressure impregnation Class H motor
- Replaceable wear plate
- NEMA 3R control STD, NEMA 4 optional
- * Includes internal capacitors, 65ft cord w/ plug, lift rope, female Camlock discharge fitting

Model	Motor HP	RPM	Electrical	Shut Off Head (ft)	Max Flow GPM	Discharge
PF01011	3/4	3450	115/1	41	100	2"
PF01034	3/4	3450	460/3	41	100	2"
PF01012	3/4	3450	230/1	41	100	2"
PF01032	3/4	3450	230/3	41	100	2"
PF01311	1	3450	115/1	43	120	2"
PF01311A	1	3450	115/1	46	120	2"
PF01311SCV*	1	3450	115/1	46	120	2"
PF01312	1	3450	230/1	43	120	2"
PF01332	1	3450	230/3	43	120	2"
PF01334	1	3450	460/3	43	120	2"
PF20111	2	3450	115/1	76	175	2" & 3"
PF20112	2	3450	230/1	76	175	2" & 3"
PF25132HH	2-1/2	3450	230/3	89	152	2" & 3"
PF25132HV	2-1/2	3450	230/3	50	300	2" & 3"
PF25134HH	2-1/2	3450	460/3	89	152	2" & 3"
PF25134HV	2-1/2	3450	460/3	50	300	2" & 3"
PF27112	2-3/4	3450	230/1	50	300	2" & 3"
PF35112	3-1/2	3450	230/1	78	250	2" & 3"
PF50112	5	3450	230/1	91	300	2" & 3"
PF50132HV	5	3450	230/3	91	300	2" & 3"
PF50134HV	5	3450	230/1	91	300	2" & 3"
PF501342ST	5	3450	460/3	175	185	2" & 3"
PF501322ST	5	3450	230/3	175	185	2" & 3"
PF60112	6	3450	230/1	80	450	4"
PF81032HH	10	3450	230/3	165	450	4"
PF81032HV	10	3450	230/3	104	605	4"
PF81034HH	10	3450	460/3	165	450	4"
PF81034HV	10	3450	460/3	104	605	4"
PF81532HH	15	3450	230/3	200	600	4"
PF81532HV	15	3450	230/3	130	800	4"
PF81534HH	15	3450	460/3	200	600	4"
PF81534HV	15	3450	460/3	130	800	4"
PF82532HH	25	3450	230/3	230	800	6"
PF82532HV	25	3450	230/3	160	1000	6"
PF82534HH	25	3450	460/3	230	800	6"
PF82534HV	25	3450	460/3	160	1000	6"
PF85034HH	50	3450	460/3	245	1025	6"
PF85034HV	50	3450	460/3	190	1425	6"

Self Priming Pumps

PFSPTM & PFSPT Series

Features:

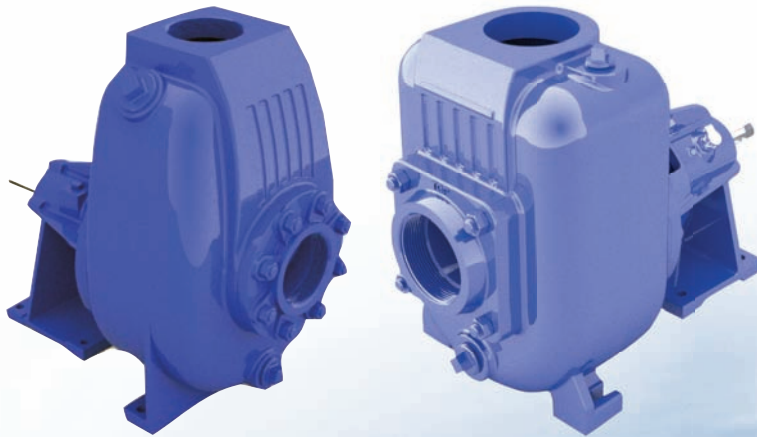
- Self-Priming
- Semi-Open ductile iron impeller
- Replaceable wear plate
- Back pull-out
- Removable cover plate
- Silicon carbide seals
- 4140 SS shaft
- Suction and Discharge spool flanges (Except 8" model)

MODEL	SIZE	MAX FLOW GPM	SHUT OFF HEAD	SOLIDS
PFSPTM3	3"	450	130 FT	2-1/2"
PFSPTM4	4"	730	131 FT	3"
PFSPTM6	6"	1500	120 FT	3"
PFSPT8	8"	2600	130 FT	3"



Available in Flex coupled or V-Belt (right hand, left hand or in-line top mount) drive assemblies

PFMU Series



Self Priming Frame Mount

MODEL	SIZE	MAX FLOW GPM	SHUT OFF HEAD
PF20MU	3" x 3"	1400	44
PF27MU	4" x 4"	1720	58
PF30MU	4" x 4"	780	152
PF40MU	4" x 4"	3000	48

PFCU/PFICU Series

MODEL	SIZE	MAX FLOW GPM	SHUT OFF HEAD
PF5CU	1-1/2" x 1-1/2"	125	104
PF7CU	2" x 2"	137	104
PF10ICU	2" x 2"	190	126
PF15ICU	3" x 3"	309	133
PF20ICU	3" x 3"	380	137
PF25ICU	3" x 3"	440	182

Self Priming Frame Mount



Self Priming Pumps

PFCCE Series

Self-Priming Close Coupled



Features:

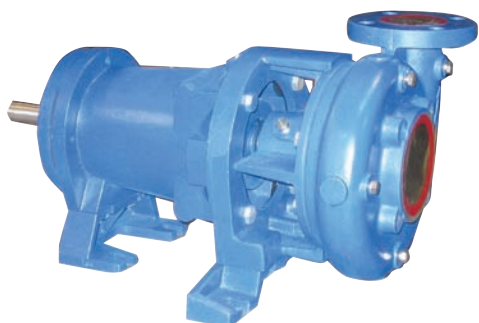
- Tri-Voltage 208-230/460, 3 Phase ODP & TEFC motors. 1 Phase Voltage 115/230 or 230, ODP & TEFC motors.
- Class 30 cast iron construction stainless steel hardware and shaft
- Neoprene flap valve
- Bronze impeller & volute available

MODEL	HP	MOTOR ENCLOSURE	VOLTAGE PHASE	SIZE Suction & Dischrg	MAX FLOW GPM	SHUT OFF HEAD
PF3CCE1	1-1/2	ODP	115/230, 1 PH	1-1/2" x 1-1/2"	95	87
PF3CCE1-T	1-1/2	TEFC	115/230, 1 PH	1-1/2" x 1-1/2"	95	87
PF3CCE3	1-1/2	ODP	208-230/460, 3PH	1-1/2" x 1-1/2"	95	87
PF3CCE3-T	1-1/2	TEFC	208-230/460, 3PH	1-1/2" x 1-1/2"	95	87
PF4CCE1	2	ODP	115/230, 1 PH	1-1/2" x 1-1/2"	105	96
PF4CCE1-T	2	TEFC	115/230, 1 PH	1-1/2" x 1-1/2"	105	96
PF4CCE3	2	ODP	208-230/460, 3PH	1-1/2" x 1-1/2"	105	96
PF4CCE3-T	2	TEFC	208-230/460, 3PH	1-1/2" x 1-1/2"	105	96
PF5CCE1	3	ODP	115/230, 1 PH	1-1/2" x 1-1/2"	130	110
PF5CCE1-T	3	TEFC	115/230, 1 PH	1-1/2" x 1-1/2"	130	110
PF5CCE3	3	ODP	208-230/460, 3PH	1-1/2" x 1-1/2"	130	110
PF5CCE3-T	3	TEFC	208-230/460, 3PH	1-1/2" x 1-1/2"	130	110
PF10CCE1	5	ODP	230, 1PH	2" x 2"	195	126
PF10CCE1-T	5	TEFC	230, 1PH	2" x 2"	195	126
PF10CCE3	5	ODP	208-230/460, 3PH	2" x 2"	195	126
PF10CCE3-T	5	TEFC	208-230/460, 3PH	2" x 2"	195	126
PF15CCE3	7.5	ODP	208-230/460, 3PH	3" x 3"	305	138
PF15CCE3-T	7.5	TEFC	208-230/460, 3PH	3" x 3"	305	138
PF20CCE3	10	ODP	208-230/460, 3PH	3" x 3"	400	138
PF20CCE3-T	10	TEFC	208-230/460, 3PH	3" x 3"	400	138
PF25CCE3	15	ODP	208-230/460, 3PH	3" x 3"	400	190
PF25CCE3-T	15	TEFC	208-230/460, 3Ph	3" x 3"	400	190

End Suction Frame Mounted

PFHCU/PFCU Series

End Suction Frame Mount



MODEL	SIZE	MAX FLOW GPM	SHUT OFF HEAD
PF2020HCU	2" X 2"	162	265
PF4030HCU	4" X 3"	700	350
PF2025CU7	2" X 2.5"	385	200
PF2025CU9	2" X 2.5"	370	400
PF3040CU9	3" X 4"	980	310
PF4050CU9	4" X 5"	1115	330

Pump Systems & Accessories

Pre-Assembled Sewage Systems



PFSPKG-1830 Pump system comes complete as shown using the reliable Power-Flo PFS411, PFV512 & PFS531TW submersible sewage pump. The 18"x30" basin is ideal for residential, industrial and commercial applications.

Power-Flo Pumps & Systems offers many simplex and duplex systems designed to fit your needs.

Pump Systems & Accessories

Grinder/Sewage Pump Package Systems

Grinder and Sewage packages are available in poly and fiberglass basins.

Simplex and duplex pumps and controls.

Rail Systems can be supplied for ease of installation and servicing.



Base Elbows for Rail Systems

- Ductile iron construction
- Powder coated for corrosion resistance
- Stainless steel upper and lower guide brackets standard
- Compact design for easy installation
- Slide couplings with check valve on 1 1/4", 1 1/2", 2"

Stainless Intermediates and stainless lifting chain kits also available.



PF125, 150, 200, 300SC

PF125, 150, 200SCV



PF400, 600 & 800SC

Part/Model No.	Size M = Male F = Female	with Check Valve	Max Pump Weight	Guide Rail Pins to accept
PF125SC	1-1/4" NPTM x 2" NPTF	PF125SCV	200 lbs	3/4" & 1"
PF150SC	1-1/2" NPTM x 2" NPTF	PF150SCV	200 lbs	3/4" & 1"
PF200SC	2" NPTM x 2" NPTF	PF200SCV	200 lbs	3/4" & 1"
PF300SC	3" NPTM x 3" NPTF	--	400 lbs	3/4", 1" & 1-1/4"
PF400SC	4" x 4" ANSI Flanges	--	2000 lbs	2"
PF600SC	6" x 6" ANSI Fanges	--	2000 lbs	2"
PF800SC	8" x 8" ANSI Flanges	--	4000 lbs	2" & 3"

Accessories

Pipe Mounted Level Controls



Pump Down Application					
PF15PMSPDT	15 ft	PF20PMSPDT	20 ft		
PF15PMPD1WP	15 ft	PF20PMPD1WP	20 ft	PF25PMPD1WP	25 ft
PF15PMPD2WP	15 ft	PF20PMPD2WP	20 ft	PF50PMPD1WP	50 ft
PF15PMPDWOP	15 ft	PF20PMPDWOP	20 ft	PF25PMPDWOP	25 ft
PF17A43*	15 ft			PF30PMPDWOP	30 ft

* For High Temperature Applications; 200°F, up to 1/2 Hp, 1 Phase, 115 VAC, 13 amps, with piggy-back plug

D = Pump Down, 1 = 120 VAC, 2 = 230 VAC, WP = with plug, WOP = without plug

Wide Angle Mechanical Level Controls are constructed of high impact corrosion resistant PVC housing, heavy-duty contacts with flexible SJOW, water-resistant cable with or without piggy-back plug. For pipe mounted applications.

PMSPDT, (Single Pole Double Throw) pump down or pump up series - designed for direct control of pumps up to 1/2 Hp, 1 Phase, 60 Hz. at 120 VAC, or 1Hp or less at 230 VAC. Can be wired for either N.O. (normally Open), pump down or N.C. (Normally Closed), pump up. Max. pump run current 13 amps, Max. pump start current 85 amps. Pumping range from 7 to 36 inches. 16 gauge, 2 conductor cable.

PMPD, pump down series - designed for direct control of pumps up to 3/4 Hp, 1 Phase, 60 Hz. at 120 VAC, or 2Hp or less at 230 VAC, Max. pump run current 15 amps, Max. pump start current 85 amps. Pumping range from 7 to 36 inches. 14 gauge, 2 conductor cable.

Vertical Level Controls

Pipe Mounted Switches

PF10VM1WP	10 ft	PF15VM1WP	15 ft	PF20VM1WP	20 ft
PF10VM2WP	10 ft	PF15VM2WP	15 ft	PF20VM2WP	20 ft
PF10VMWOP	10 ft	PF15VMWOP	15 ft	PF20VMWOP	20 ft

1 = 120 VAC, 2 = 230 VAC, WP = with plug, WOP = without plug

Pump Mounted Replacement OEM Switches

Part No.	Cord Length	Used on Pump
PF113647	10 ft	PF33VF
PF100829	15 ft	PFS411VF
PF512041	20 ft	PF33VFX, PF50VFX
		PFEV512VF, PFV512VF
PF12041A	30 ft	PFEV512VFX, PFV512VFX



Pipe Mounted

Pump Mounted

Vertical Mount Mechanical Level Controls are constructed of high impact corrosion resistant PVC housing, heavy-duty contacts with flexible SJOW or SJTOW cable with and without plug. For pipe mounted, pump down applications.

Designed for direct control of pumps up to 1/2 Hp, 1 Phase, 60 Hz. at 120 VAC, Max. pump run current 13 amps, Max. pump start current 60 amps or 1 Hp or less at 230 VAC, Max. pump run current 12 amps, Max. pump start current 60 amps.

Accessories

Narrow Angle, Pilot Duty Level Controls

Normally Open Part no.	Normally Closed Part No.	Cord Length
PF15SGMNO	-	15 ft
PF20SGMNO	-	20 ft
PF25SGMNO	PF25SGMNC	25 ft
PF30SGMNO	-	30 ft
PF50SGMNO	PF50SGMNC	50 ft



Narrow Angle Mechanical Level Controls are constructed of high impact corrosion resistant polypropylene housing rated for 140°F with snap action contacts and 18 gauge, 2 conductor, SJOW water-resistant cord. Control differential of 1.5 inches above or below horizontal. Maximum water depth of 30 feet, 13 psi. 5 amp, 125/250vac rating.

SGMNO series, Designed to activate pump control panels and alarms. Normally Open (NO), High Level, turns on (closes) when the float tips slightly above horizontal, signaling a high level, and turns off (open) when the float drops slightly below horizontal.

SGMNC series, Designed to activate pump control panels and alarms. Normally Closed (NC), Low Level, turns on (closes) when the float tips slightly below horizontal, signaling a low level, and turns off (open) when the float drops slightly above horizontal.

Narrow Angle, Pilot Duty Level Controls

Suspended Part No.	Pipe Mounted Part No.	Cord Length
PF15SGMSPDTWE	PF15SGMSPDTPC	15 ft
PF20SGMSPDTWE	PF20SGMSPDTPC	20 ft
PF25SGMSPDTWE	PF25SGMSPDTPC	25 ft
PF30SGMSPDTWE	PF30SGMSPDTPC	30 ft
PF50SGMSPDTWE	PF50SGMSPDTPC	50 ft

Suspended Floats includes external weight with each float
 Pipe Mounted Floats include clamp with each float



Narrow Angle Mechanical Level Controls are constructed of high impact corrosion resistant polypropylene housing rated for 140°F with snap action contacts and 18 gauge, 3 conductor, SJOW water-resistant cord.

SGMSPDT series, Designed to activate pump control panels and alarms. Can be wired for either normally open (NO), pump down operation, or normally closed (NC), pump up operation. Control differential of 1.5 inches above or below horizontal. Maximum water depth of 30 feet, 13 psi. 5 amp, 125/250vac rating.

Control Panels

Indoor/Outdoor High Water Alarms



NEMA 3R Indoor/Outdoor Alarm - P/N: PF-HWA30

Designed to sound an 85 db @ 10 feet audible alarm and illuminate a red beacon to notify an alarm situation. Equipped with "power on" light, test switch and horn/silence with auto reset. Includes mechanical float with 15 ft cord.

Economy Series Control Panels

Simplex Part No.	Duplex Part No.	Volts Phase	HP	FL Amps
PF100	PF200	115/1	1/2	12
PF103	PF203	230/1	1/2	12
PF113	PF213	230/1	1	12
PF121	PF221	200/1	2	18
PF121-C	PF221-C	200/1	2	18
PF123	PF223	230/1	2	18
PF123-C	PF223-C	230/1	2	18

C = Capacitors included in panel

Features:

For 115 Volt/ 200-230 Volt 1 Phase - 1/3HP to 2HP

- NEMA 4X enclosure, Polycarbonate
- Stainless door latches with padlock hasp
- External Mounting Feet
- Polycarbonate inner door
- Pump run light, one per pump
- "Hand-Off -Auto" toggle switch, one per pump
- 2 Pole Definite Purpose Contactor for Simplex and IEC for Duplex
- Motor Circuit Breakers
- Control Circuit Breakers
- Flashing Red Alarm Light
- High decibel Audible Alarm
- Alarm "On/Off /Test" toggle switch
- Raised Field wiring terminal strip
- UL 508A Listing

No Options Available.



Control Panels

Standard Control Panels



Features:

For 115/200-230 Volt, 1 Phase

& 200-230/460 Volt, 3 Phase - 1/3 to 60HP

- NEMA 4X enclosure, Fiberglass w/External Mounting Feet
- Stainless door latches with padlock hasp
- Pump run light, one per pump
- "Hand-Off -Auto" toggle switch, one per pump
- Aluminum Sub Plate for Switch and Light mounting
- 3 Pole, IEC Contactors

- Motor Circuit Breakers
- Control Circuit Breakers
- Flashing Red Alarm Light
- High decibel Audible Alarm
- Alarm "On/Off /Test" toggle switch
- Raised Field wiring terminal strip
- UL 508A Listing

HP	Volts/ Ph	Simplex	Duplex
0.5	230/3	PF1004	PF2004
0.5	460/3	PF1005	PF2005
0.75, 1	230/3	PF1014	PF2014
0.75, 1	460/3	PF1015	PF2015
2.0	200/1	PF1021	PF2021
2.0	200/1	PF1021-C	PF2021-C
1.5, 2.0	230/1	PF1023	PF2023
2.0	230/1	PF1023-C	PF2023-C
2.0	200/3	PF1022	PF2022
1.5, 2.0	230/3	PF1024	PF2024
1.5, 2.0	460/3	PF1025	PF2025
3	230/1	PF1033-C	PF2033-C
2.8, 3	230/1	PF1033	PF2033
3	208/3	PF1032	PF2032
2.8, 3	230/3	PF1034	PF2034
2.8, 3	460/3	PF1035	PF2035

HP	Volts/ Ph	Simplex	Duplex
3.7	230/1	PF1043	PF2043
3.7	208/3	PF1042	PF2042
3.7	230/3	PF1044	PF2044
3.7	460/3	PF1045	PF2045
4.5, 5	230/1	PF1053-C	PF2053-C
4.5, 5	230/1	PF1053	PF2053
4.5, 5	208/3	PF1052	PF2052
4.5, 5	230/3	PF1054	PF2054
4.5, 5	460/3	PF1055	PF2055
7.5	230/1	PF1083-C	PF2083-C
7.5	230/1	PF1083	PF2083
7.5	230/3	PF1084	PF2084
7.5	208/3	PF1082	PF2082
7.5	460/3	PF1085	PF2085
9	230/3	PF1094	PF2094
9	460/3	PF1095	PF2095

HP	Volts/ Ph	Simplex	Duplex
11.3	208/3	PF1122	PF2122
11.3, 12	230/3	PF1124	PF2124
11.3, 12	460/3	PF1125	PF2125
13	230/3	PF1134	PF2134
13	460/3	PF1135	PF2135
15	230/3	PF1154	PF2154
15	460/3	PF1155	PF2155
18	230/3	PF1184	PF2184
18	460/3	PF1185	PF2185
24	230/3	PF1244	PF2244
24	460/3	PF1245	PF2245
30	230/3	PF1304	PF2304
30	460/3	PF1305	PF2305
36	230/3	PF1364	PF2364
36	460/3	PF1365	PF2365
48	460/3	PF1485	PF2485
60	460/3	PF1605	PF2605

STANDARD PANEL AVAILABLE OPTIONS

- A CONVENIENCE OUTLET, 15 AMP
- C START/RUN CAPACITOR KIT
- D ENCLOSURE W/DEAD FRONT DOOR
- E ELAPSE TIME METER
- F FLASHING LIGHT
- G GENERATOR RECEPTACLE
- H LARGE HORN
- K CYCLE COUNTER
- L LIGHTNING ARRESTOR
- O MOTOR OVERLOAD (Adjustable)
- P PHASE/VOLTAGE MONITOR
- S SEAL FAIL DETECTION
- T MOTOR THERMAL OVERLOAD
- U CONDENSATION HEATER

Consult Factory For other Enclosure materials and additional options.

FLOAT CONFIGURATION:

Standard Simplex = Off , On, High Water

Standard Duplex = Off , On, Lag On, High Water

"NOTE: Only the Basic Simplex and Duplex Part Number is shown. See Individual pump pages for Complete Panel part number"

Electrical Supplies

SUPPLIES

Power-Flo Pumps & Systems offers a full line of electrical products serving the industrial, municipal, contractor, OEM and commercial markets. We stock over 10,000 products ranging from commodity items such as pipe, wire, fittings, light bulbs and wire connectors to sophisticated computer operated industrial controls and drive systems. We also provide photoelectric and proximity switches, and other advanced technical solutions. Our staff has an extensive knowledge of the products and applications.



ELECTRICAL SUPPLIES

- Lighting, Lamps, Ballasts
- Wire & Cables
- Circuit Breakers & Fuses
- Boxes & Enclosures
- Wiring Devices
- Conduit & Raceway
- Distribution Equipment
- Transformers & Power Conditioning
- Tools & Test Equipment
- Motors & Pumps
- Safety Products
- Fittings
- Motor Controls & Starters



SERVICE

Power-Flo Pumps & Systems maintains a state of the art repair facility, strategically located at our Garden City Park, New York facility. Power-Flo Pumps & Systems maintains a fleet of delivery and service vehicles that include flatbed and crane equipped trucks to assure fast turnaround time.

Our facility can repair any motor or pump from fractional to 1500 hp in either medium or low voltages.



MOTOR & PUMP REPAIR

- Computerized Dynamic Balancing
- Laser Alignment
- Surge Comparison Testing
- Dynamometer
- AC/DC Motor Rewinding
- VPI (Vacuum Pressure Impregnation) System
- Complete Machine Shop
- 5-year Warranty on VPI Rewinds
- Core Loss Testing
- Quality Operating System (ISO Qualifying)
- On-Site Services
- Pick up & Delivery Services

SOLUTIONS

Power-Flo Pumps & Systems stocks key items which support motor control requirements. From take-off, engineering design, submittal drawings to on time fabrication, delivery and start-up. Power-Flo Pumps & Systems has the capability to meet any customer requirement.

Our fabrication facility also engineers and designs custom motor controls and related panels for municipal and public projects.



ENGINEERING SOLUTIONS

- Motor Control Centers
- Automatic Transfer Switches 150A-2000A
- Variable Frequency Drives with By-pass Panel
- Reduce Voltage Solid State Starters
- Wye-Delta, Part-Winding, Auto Transformers
- Reduced Voltage Starters
- Two-Speed Nema Rated Starters
- IEC and Nema Rated Starters
- Control Stations
- Nema 1, Nema 3R, Nema 12 and Nema 4X Enclosures - ALL IN STOCK
- PLC's & Automation Products
- Industrial and Plug-In Relays
- Pilot Devices, 30MM & 22MM



CUSTOM PANEL SOLUTIONS

Power-Flo Pumps & Systems Custom Panel Shop is a UL508 recognized builder of custom Control Panels in the United States and Canada. The UL label assures that the control panels are manufactured to meet all requirements of Underwriters Laboratories, including the use of all UL labeled components.

When you need the assurance that your control panels are manufactured to the highest standards call Power-Flo Pumps & Systems at 877-24 PUMPS.

