

## Procon Pumps



*Model No.	Series No.	Material	Style	Flow (Gal/Hr)		Pressure PSI	For Motor HP	
				60 HZ	50 HZ		60 HZ	50 HZ
112E025F11XX	2	Brass	Bolt-on	25	20	200	¼	¼
112A025F11XX	2	Brass	Clamp-On	25	20	200	¼	¼
113E025F31XX	3	SS	Bolt-on	25	20	200	¼	¼
113A025F31XX	3	SS	Clamp-on	25	20	200	¼	¼
112E050F11XX	2	Brass	Bolt-On	50	38	200	⅓	⅓
112A050F11XX	2	Brass	Clamp-On	50	38	200	⅓	⅓
113E050F31XX	3	SS	Bolt-on	50	38	200	⅓	⅓
113A050F31XX	3	SS	Clamp-on	50	38	200	⅓	⅓
112E080F11XX	2	Brass	Bolt-on	80	63	200	⅓	⅓
112A080F11XX	2	Brass	Clamp-On	80	63	200	⅓	⅓
113E080F31XX	3	SS	Bolt-On	80	63	200	⅓	⅓
113A080F31XX	3	SS	Clamp-On	80	63	200	⅓	⅓
112B100F31XX	2	Brass	Clamp-On	100	80	200	⅓	⅓
112E100F11XX	2	Brass	Bolt-on	100	80	200	⅓	⅓
112A100F11XX	2	Brass	Clamp-On	100	80	200	⅓	⅓
113E100F31XX	3	SS	Bolt-On	100	80	200	⅓	⅓
113A100F31XX	3	SS	Clamp-on	100	80	200	⅓	⅓
112E125F11XX	2	Brass	Bolt-On	125	100	200	⅓	⅓
112A125F11XX	2	Brass	Clamp-on	125	100	200	⅓	⅓
114E240F11XX	4	Brass	Bolt-on	240	186	200	¾	¾
114B240F11XX	4	Brass	Clamp-on	240	186	200	¾	¾
115E240F31XX	5	SS	Bolt-on	240	186	200	¾	¾
115B240F31XX	5	SS	Clamp-on	240	186	200	¾	¾
114E265F11XX	4	Brass	Bolt-on	265	190	200	1	1
114E330F11XX	4	Brass	Bolt-on	330	264	200	1	1
114B330F11XX	4	Brass	Clamp-on	330	264	200	1	1
116N360F11XX	6	SS	Bolt-on	360	300	250	2	2
116N600F11XX	6	SS	Bolt-on	600	505	250	2	2
116N660F11XX	6	SS	Bolt-on	660	547	250	2	2

\*Note that the motor horsepower is that frequency (Hz). If a 60 Hz motor is used for a 50 Hz application, it must be de-rated. For example, a 2 HP 60 Hz motor is only 1.5 HP at 50 Hz.

- \* Other pump models available. Please contact Applied Membranes Inc. for more information and details.
- \* Clamps and other accessories available separately on the following pages.

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## Procon Pumps Matrix

1 1 1 A 100 F 1 1 A A 250

**Product Classification:**

1 – Rotarv Vane Pump

**Food Grade Classification:**

0 – Non Food Grade – No Agency Approval  
 1 – NSF C-2 Listed  
 2 – WRC Approved  
 3 – Food Grade – No Agency Approval

**Series:**

1 – Brass, 3/8 NPT Ports, Integral Strainer  
 2 – Brass, 3/8 NPT Ports  
 3 – ST STL, 3/8 NPT Ports  
 4 – Brass, 1/2 NPT Ports  
 5 – ST STL, 1/2 NPT Ports  
 6 – ST STL, 1" NPT Ports  
 7 – Brass, 3/8 NPT Ports, Mini Pro  
 8 – ST STL, 3/8 NPT Ports, Integral Strainer

**Mounting and Drive Configuration:**

A – CLAMP ON WITH .188: DOUBLE FLAT DRIVE  
 B – CLAMP ON WITH 1143 BRONZE COUPLING  
 C – CLAMP ON WITH 1143-2 PLASTIC COUPLING  
 D – CLAMP ON WITH SLOTTED SHAFT ONLY-NO COUPLY  
 E – BOLT ON WITH SINGLE FLAT DRIVE  
 J – BOLT ON WITH .25" DOUBLE FLAT DRIVE  
 K – BOLT ON WITH 3018 BRONZE COUPLING  
 L – BOLT ON WITH 3018-1 OVERSIZE BRONZE COUPLING  
 M – BOLT ON WITH SLOTTED SHAFT ONLY  
 N – BOLT ON WITH KEY SLOT DRIVE  
 P – CLAMP ON WITH 1143-3 OVERSIZE BRONZE COUPLING  
 R – LONG CLAMP ON WITH DOUBLE FLAT DRIVE  
 S – CLAMP ON WITH SINGLE FLAT DRIVE

**FLOWRATE:**

SERIES 1, 2, & 3	SERIES 4 & 5	SERIES 6
015-15 GPH	115-115 GPH	300-300 GPH
025-25 GPH	140-140 GPH	360-360 GPH
035-35 GPH	165-165 GPH	420-420 GPH
050-50 GPH	190-190 GPH	480-480 GPH
060-60 GPH	215-215 GPH	540-540 GPH
070-70 GPH	240-240 GPH	600-600 GPH
080-80 GPH	265-265 GPH	660-660 GPH
100-100 GPH		
110-110 GPH		
125-125 GPH		
140-140 GPH		

**Elastomer / Seal Configuration:**

A – Nitrile / Positive Drive Seal  
 F – Nitrile / Type 21 or Type 2100 Seal  
 G – Ethylene Propylene / Type 21 Seal  
 R – Fluorocarbon / Type 21 Seal  
 S – Neoprene / Type 21 Seal  
 V – Nitrile / Type 21 Seal with Low Force Spring  
 W – Ethylene Propylene / Type 21 / WRC Approved Compound

**Pressure Setting (Relief Valve):**

Setting for relief valve pressure in PSI (Pounds per Square Inch)

**Pressure Range (Relief Valve Spring):**

A – 151 to 250 PSI, Default Setting 170 PSI  
 B – 100 to 150 PSI, Default Setting 130 PSI  
 C – 60 to 99 PSI, Default Setting 99 PSI  
 D – 30 to 59 PSI, Default Setting 50 PSI  
 X – No Setting

**Valve Type and Configuration:**

A – Plastic, HI Temp-Bypass (SS HSG SEAT)  
 B – Plastic HI Temp-Solid (SS HSG SEAT)  
 C – Plastic HI Temp-BAL Bypass (SS HSG SEAT)  
 D – Plastic HI Temp-Solid (SS HSG SEAT)  
 F – Plastic HI Temp-EXT ADJ Bypass (SS HSG SEAT)  
 G – Plastic HI Temp-EXT ADJ Solid (SS HSG SEAT)  
 H – Plastic HI Temp-Bypass  
 J – Plastic HI Temp-Solid  
 K – Plastic HI Temp-Balanced Bypass  
 L – Plastic HI Temp-Balanced Solid  
 M – Plastic HI Temp-EXT ADJ Bypass  
 N – Plastic HI Temp-EXT ADJ Solid  
 P – Brass HI Temp-Solid (SS HSG SEAT)  
 R – SS HI Temp-Solid (SS HSG SEAT)  
 1 – Plastic LO Temp-Bypass (SS HSG SEAT)  
 2 – Plastic LO Temp-Solid (SS HSG SEAT)  
 3 – Plastic LO Temp-Bypass  
 4 – Plastic LO Temp-Solid  
 5 – Plastic LO Temp-BAL Bypass (SS HSG SEAT)  
 X – No Relief Valve

**Clearances:**

1 – Standard Clearance  
 2 – SPCL Clearance (1x) Liner and BRGS  
 3 – SPCL Clearance (2x) Liner and (1x) BRGS  
 4 – Standard Clearance with Seal Circulation  
 5 – SPCL Clearance (1x) Liner w/ (1x) Seal CIRC BRGS  
 6 – SPCL Clearance (2x) Liner w/ (1x) Seal CIRC BRGS

**Rotation/Slinger/Passivation/Strainer:**

1 – Clockwise  
 2 – Counter Clockwise  
 3 – Clockwise/Slinger  
 4 – Counter Clockwise/Slinger  
 5 – Clockwise/Slinger/ Passivation  
 6 – Counter Clockwise/Slinger/Passivation  
 7 – Clockwise/Coarse Strainer  
 8 – Clockwise/Slinger/Coarse Strainer

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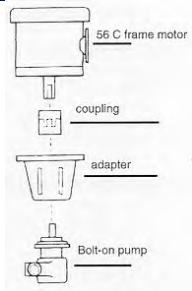
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## Motors & Repair Kits for Procon Pumps

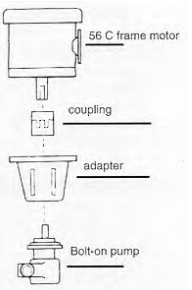
### Frame 56C Motors for Bolt-On Procon Pumps

Model No.	HP	Volts	Hz	Phase
P-MG570	1/3"	110/220	50/60	1
P-MG571	1/2"	110/220	50/60	1
P-MG572	3/4"	110/220	50/60	1
P-MG573	1"	110/220	50/60	1
P-MG574	1 1/2"	110/220	50/60	1
P-MG584	1	220/380	50	3
P-MG585	1	208/380	60	3



### Pump Accessories for 56C Frame Motors

Model No.	Description
<b>Mounting Brackets/Adapters</b>	
P-B1048P	Adapter for 56C Frame Motor, Series 1-5*
P-B3207P	Adapter for 56C Frame Motor, Series 6*
<b>Couplings</b>	
P-C3045P	Coupler, 7/16" x 5/8", Bolt on 56C Type, Series 1-5*
P-C3306P	Coupler, 5/8" x 5/8", Bolt on 56C Type, Series 6*
<b>Optional Hardware</b>	
P-K3208P	Key
P-BW3216P	6 each Bolts and Washers

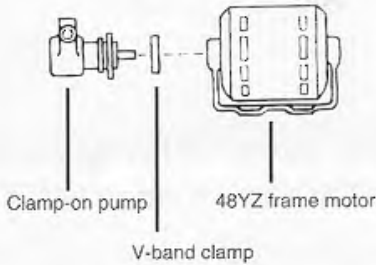


\* The 3<sup>rd</sup> character in the Procon Part Number will determine the pump series.

### Frame 48YZ Motors for Clamp-On Procon Pumps

Model No.	HP	Volts	Hz	Phase
P-MP803	1/4	110	60	1 Ph
P-MP806	1/3	110	60	1 Ph
P-MP828	1/3	110/220	50/60	3 Ph
P-MP859	1/4	220	50/60	1 Ph
P-MP871	1/2	110/220	50/60	1 Ph
P-MP872	3/4	110/220	50/60	1 Ph

\*For 1 HP motor for clamp-on pump, use a Frame 56C motor for bolt-on pump with adapter part no. Y4P945



### Pump Accessories for 48YZ Frame Motors

Model No.	Description	For Use on Pumps
<b>Mounting Clamp</b>		
P-BV100P	V-Band Clamp for 48YZ Frame Motors	Clamp-on

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## Goolds 60 Cycle Pump & Motor Assemblies

High Pressure Pumps									
Complete Unit	Flow (GPM)	PSI	Material	HP	Voltage	Pump Only	Motor Only	Repair Stack	Mech Seal
<b>60 Hz – 3 PHASE – FLOWS SHOWN AT PSI RANGE 240-265</b>									
YP10GBS2015S4	10	200	304/NORYL	2	220/440	--	YPE08876BB	--	YP10K55
3SV16FF4F20	10-12	225	SS 304	3	220/440	3SV16FA30	V09742	3SVR160	10K168
5SV17FG4F20	20	235	SS 304	5	220/440	5SV17FB30	V10742A	5SVR170	10K168
5SV22FH4F20	30	260	SS 304	7.5	220/440	5SV22FC30	V11742A	5SVR220	10K168
10SV13FJ4F20	40	275	SS 304	10	220/440	10SV13FC30	V12742	10SVR130	10K169
10SV15FK4F20	60	250	SS 304	15	220/440	10SV15FD30	V13742	10SVR150	10K169
15SV11FL4F20	90	260	SS 304	20	220/440	15SV11FD30	V14742	15SVR110	10K169
22SV12FM4F20	130	242	SS 316	30	220/440	22SV12FE30	V15742	22SVR120	10K169
33SV70NP4F20	180	250	SS 316	40	220/440	33SV70NE30	V16742	33SVR700	10L38
46SV62NP4F20	200	245	SS 316	40	--	46SV62NE30	V16742	46SVR620	10L38
<b>60 Hz – 1 PHASE – FLOWS SHOWN AT PSI RANGE 240-265</b>									
YP10GBS2014S4	10	200	304/NORYL	2	110/220	--	YP308821BB	--	YP10K55
3SV16FF3J20	10-12	225	SS 304	3	220/440	3SV16FA30	V09722	3SVR160	10K168
5SV17FG3L20	20	235	SS 304	5	220/440	5SV17FB30	V10722A	5SVR170	10K168

Booster Pumps									
Complete Unit	Flow (GPM)	Material	HP	Voltage	Pump Only	Motor Only	Repair Stack	Mech Seal	
<b>60 Hz – 3 PHASE – FLOWS SHOWN AT PSI RANGE 50-60</b>									
YPLB0735TE	10 @ 53 PSI	304/NORYL	0.75	220/440	--	YPSFE05876	YP10K110	10K18	
YP1HM1E5D0	5-10	SS 316	1	220/440	--	YPSFE06876	YP10L31	10L35	
YP1ST1F5B4	10-20	SS 316	1.5	220/440	--	YPC07876	YPRPKNPE	YPRPKNPE	
YP1ST1G5A4	30-40	SS 316	2	220/440	--	YPC08876	YPRPKNPE	YPRPKNPE	
YP2ST1J5G4	50-75	SS 316	5	220/440	--	YPC10876	YPRPKNPE	YPRPKNPE	
4SH2K52C0	80-100	SS 316	7.5	220/440	YP4SHK6/2L872/1L51*	YPC11742	YPRPKSSH	YPRPKSSH	
4SH2K52B0	130-150	SS 316	7.5	220/440	YP4SHK6/2L874/1L51*	YPC11742	YPRPKSSH	YPRPKSSH	
5SH2M52B0	220-300	SS 316	15	220/440	YP5SHK6/2L765/1L51*	YPC13742	YPRPKSSH	YPRPKSSH	
5SH2M52A0	300-350	SS 316	15	220/440	YP5SHK6/2L766/1L51*	YPC13742	YPRPKSSH	YPRPKSSH	
<b>60 Hz – 1 PHASE – FLOWS SHOWN AT PSI RANGE 50-60</b>									
YPLB0712TE	10 @ 53 PSI	304/NORYL	0.75	110/220	--	YPSFE05821	YP10K110	10K18	
YP1HM1E4D0	5-10	SS 316	1	110/220	--	YPSFE06821	YP10L30	10L35	
YP1ST1F4B4	10-20	SS 316	1.5	110/220	--	YPC07821	YPRPKNPE	YPRPKNPE	
YP1ST1G4B4	30-40	SS 316	2	110/220	--	YPC08821	YPRPKNPE	YPRPKNPE	
YP9SH1H4B0	50-60	SS 316	5	110/220	YP9SHK6/2L888/1L554*	YPC10722	YPRPKSSH	YPRPKSSH	

Notes: \* Pump Kit/Motor Adapter



GB Water Gun



LB Booster Pump

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## Goulds 50 Cycle Pump & Motor Assemblies

High Pressure Pumps									
Complete Unit	Flow (GPM)	PSI	Material	HP	Voltage	Pump Only	Motor Only	Repair Stack	Mech Seal
<b>50 Hz – 3 PHASE – FLOWS SHOWN AT PSI RANGE 250-280</b>									
1SV30FE2M20	5	245	SS 304	2	380	1SV30FA10	0V09742Z	1SVR300	10K168
3SV21FF2M20	10	200	SS 304	3	380	3SV21FA10	0V10742ZA	3SVR210	10K168
3SV28FF2M20	10-12	255	SS 304	5	380	3SV28FB10	0V11742ZA	3SVR280	10K168
5SV27FG2M20	12-15	250	SS 304	5	380	5SV27FC10	YPV11742A	5SVR270	10K168
10SV17FH2M20	20-30	250	SS 304	7.5	380	10SV17FC10	YPV12742	10SVR170	10K169
10SV19FJ2M20	35-40	250	SS 304	10	380	10SV19FD10	YPV13742	10SVR190	10K169
15SV14FK2M20	40-50	250	SS 304	15	380	15SV14FD10	YPV14742	15SVR140	10K169
15SV15FK2M20	60-70	245	SS 304	15	380	15SV15FD10	YPV14742	15SVR150	10K169
33SV92NM2M20	80-100	250	SS 316	25	380	33SV92NE10	YPV16742	33SVR920	10L38
33SV90NM2M20	100-120	250	SS 316	25	380	33SV90NE10	YPV16742	33SVR900	10L38
<b>50 Hz – 1 PHASE – FLOWS SHOWN AT 250 PSI</b>									
1SV30FE1P20	5	245	SS 304	2	220	1SV30FA10	--	1SVR300	10K168
3SV28FF1P20	10-12	--	SS 304	3	220	3SV28FB10	V09B12K2BD2S	3SVR280	10K168
5SV27FG1R20	12-15	--	SS 304	5	220	5SV27FC10	YP0052TEF1C	5SVR270	10K168

Booster Pumps									
Complete Unit	Flow (GPM)	Material	HP	Voltage	Pump Only	Motor Only	Repair Stack	Mech Seal	
<b>50 Hz – 3 PHASE – FLOWS SHOWN AT 50 PSI</b>									
YP2HM1F5E0	10	SS 316	1.5	380	--	YPSFE07876	--	10L35	
5SV7FC2M60	20	SS 304	1	380	5SV7GA10	YPV07742	5SVR70	10K168	
10SH6JA2D0	40	SS 316	5	380	10SHK6/2L891/1L561	OC11742Z	--	YPRPKSSHs	
10SH6JA2C0	60	SS 316	5	380	10SHK6/2L892/1L561	OC11742Z	--	YPRPKSSHs	
7SH6KA2C0	100	SS 316	7.5	380	7SHK6/2L877/1L53	OC12742Z	--	YPRPKSSHs	
7SH6LA2B0	150	SS 316	10	380	7SHK6/2L828/1L53	OC13742Z	--	YPRPKSSHs	
<b>50 Hz – 1 PHASE – FLOWS SHOWN AT 50 PSI</b>									
5SV7FC1P20	20	SS 304	1	110/220	5SV7GA10	YP012TEF1C50	5SVR70	10K168	



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## Grundfos Pump & Motor Assemblies

60 Hz Multistage Centrifugal Pumps					<i>Please specify phase when ordering: 1 or 3</i>			
Model No.	Pump Model	Flow	HP	Voltage	Pump Only	Motor Only	Repair Stack	Seal Kit
<b>304 Stainless Steel – 60 Hz - Flows at 250 PSI</b>								
96083590	CRI 3-21	10	5	208-230/460	96083556	85600H12	96453567	96455086
96083594	CRI 3-25	15	5	208-230/460	96083558	85600H12	96453569	96455086
96084663	CRI 5-20	20	7.5	208-230/460	96084627	85600H17	96453591	96455086
96084665	CRI 5-22	25	7.5	208-230/460	96084628	85600H17	96453592	96455086
96084667	CRI 5-24	30	7.5	208-230/460	96084629	85600H17	96453593	96455086
97757968	CRI 10-14	35-50	15	208-230/460	97754608	84Z05096	96491705	96511844
96523648	CRI 15-10	55-75	20	230/460	96126945	84Z04920	96491745	96511844
<b>316 Stainless Steel – 60 Hz - Flows at 250 PSI</b>								
96083950	CRN 3-21	10	5	208-230/460	96083916	85700H12	96453567	96455086
96083954	CRN 3-25	15	5	208-230/460	96083918	85700H12	96453569	96455086
96085043	CRN 5-20	20	7.5	208-230/460	96084817	85700H17	96453614	96455086
96085045	CRN 5-22	25	7.5	208-230/460	96084818	85600H17	96453615	96455086
96085047	CRN 5-24	30	7.5	208-230/460	96085009	85600H17	96453616	96455086
97757991	CRN 10-14	35-50	15	208-230/460	97754610	84Z05096	96491731	96511844
96523725	CRN 15-10	55-75	20	230/460	96127011	84Z04920	96491768	96511844
97754602	CRN32-7-2	80-100	30	230/460	96423800	85600027	96416923	96494662
96426323	CRN32-7	120	30	230/460	96423804	85600027	96416298	96494662
96426454	CRN 45-5	150	40	230/460	96423868	84Z04128	96416250	96494662
96426118	CR 45-6-2	175-200	50	230/460	96423872	85600033	96416250	96494662
96426122	CR 45-6	225	50	230/460	96423876	85600033	96416251	96494662

50 Hz Multistage Centrifugal Pumps					<i>Please specify voltage: 220-240 or 380-415</i>			
Model No.	Pump Model	Flow	KW		Pump Only	Motor Only	Repair Stack	Seal Kit
<b>304 Stainless Steel – 50 Hz - Flows at 250 PSI</b>								
96527913	CRI 3-33	10	3		Call Factory	85U05510	96453573	96455086
96564162	CRI 5-29	15-20	4		Call Factory	85U05413	96453595	96455084
96564163	CRI 5-32	25-30	7.5		Call Factory	85U07417	96453596	96455084
96577752	CRI 10-20	35	7.5		Call Factory	85U07522	Call Factory	96511844
96501728	CRI 15-14	40-65	11		Call Factory	85U07524	96491434	96511844
96501729	CRI 15-17	70	15		Call Factory	85U07526	96491435	96511844
<b>316 Stainless Steel – 50 Hz - Flows at 250 PSI</b>								
96516847	CRN 3-33	10	3		Call Factory	85U05510	96453573	96455086
96517201	CRN 5-29	15-20	4		Call Factory	85U05413	96453618	96455086
96517202	CRN 5-32	25-30	5.5		Call Factory	85U07417	96453619	96455086
96577839	CRN 10-20	35	7.5		Call Factory	85U07522	Call Factory	96511844
96501780	CRN 15-14	40-65	11		Call Factory	85U07524	96491447	96511844
96501781	CRN 15-17	70	15		Call Factory	85U07526	96491448	96511844
91158769	CRN32-10-2	75-85	18.5		91159586	85U07528	96416926	96494664
91158714	CRN32-10	90-100	18.5		91159587	85U07528	96416301	96494664
91158957	CRN45-8-2	120-150	30		91159774	81D05332	96416943	96494664
91158958	CRN45-8	175	30		91159775	81D05332	96416253	96494664
91159112	CRN64-7-1	200	37		91159928	81D05334	96416344	96494664

SQFlex Submersible Solar Pumps			
Model No.	Pump Model	Flow	Voltage
95027334	6 SQF2	5 GPM	300 VDC
95027335	11 SQF 2	11 GPM	300 VDC
95027350	16 SQF10	13-22 GPM	300 VDC



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## CAT Plunger Pumps



25F25SEEL



271  
(Rails and shaft protector sold separately)



781  
(Rails sold separately)



1051  
(Rails and shaft protector sold separately)



7CP6111  
(Rails sold separately)

PUMP MODEL	MAXIMUM FLOW		MAXIMUM PRESSURE		HORSEPOWER		RPM	DRIVES	OPTIONAL SEALS
	GPM	LPM	PSI	BAR	HP	KW			
<b>316 STAINLESS STEEL MANIFOLDS WITH BUNA SEALS - 0.5 TO 14 GPM (1.9 TO 53 LPM)</b>									
Note: Models ending in the letter "C" or "K" are flush style pumps. Pumps in <i>italics</i> indicate an optional performance rating. (All Flows at 1000 PSI)									
25F05SEEL	0.5	1.9	1200	85	0.4	0.3	1725	Hollow shaft-electric	FPM, EPDM, IPFE
25F10SEEL	1	3.8	1200	85	0.8	0.6	1725	Hollow shaft-electric	FPM, EPDM, IPFE
25F15SEEL	1.5	5.7	1200	85	1.2	0.9	1725	Hollow shaft-electric	FPM, EPDM, IPFE
25F22SEEL	2.2	8.3	1200	85	1.8	1.3	1725	Hollow shaft-electric	FPM, EPDM, IPFE
231	2.3	8.7	1500	105	2.4	1.8	1725	Solid shaft, Belt, Bell, Clutch	FPM, EPDM, IPFE, STHT, HT
3CP1231	2.3	8.7	2000	140	3.2	2.4	1725	Solid shaft, Belt, Bell, Clutch	FPM, EPDM, IPFE, HT, ST4
25F25SEEL	2.5	9.5	1200	85	2.1	1.5	1725	Hollow shaft-electric	FPM, EPDM, IPFE
25F29SEEL	2.85	10.8	1200	85	2.3	1.7	1725	Hollow shaft-electric	FPM, EPDM, IPFE
25F35SEEL	3.5	13.2	1200	85	2.9	2.1	1725	Hollow shaft-electric	FPM, EPDM, IPFE
271	3.5	13.2	1500	105	3.6	2.7	1420	Belt, Bell, Clutch	FPM, EPDM, IPFE, STHT, HT
241	3.6	13.6	1200	85	3	2.2	1725	Solid shaft, Belt, Bell, Clutch	FPM, EPDM, IPFE, STHT, HT
3CP1241	3.6	13.6	2000	140	4.9	3.7	1725	Solid shaft, Belt, Bell, Clutch	FPM, EPDM, IPFE, HT, ST4
341	4	15	1800	125	5	3.7	1725	Solid shaft, Belt, Bell, Clutch	FPM, EPDM, IPFE, HT
5CP6241CS	4	15	2000	140	5.5	4.1	1725	Solid shaft, Belt, Bell, Clutch	FPM, EPDM, HT, ST4
311	4	15	2200	155	6	4.5	950	Belt, Clutch	FPM, EPDM, IPFE, HT
311C	4	15	2200	155	6	4.5	950	Belt, Clutch	FPM, EPDM, IPFE, HT
25F42SEEL	4.2	15.9	1000	70	2.9	2.1	1725	Hollow shaft-electric	FPM, EPDM, IPFE
3CP1221	4.2	15.9	2000	140	5.8	4.3	1725	Solid shaft, Belt, Bell, Clutch	FPM, EPDM, IPFE, HT, ST4
781	4.5	17	5000	345	15.4	11.5	1700	Belt, Clutch	FPM, EPDM, IPFE, PTFE
781K	4.5	17	5000	345	15.4	11.5	1700	Belt, Clutch	FPM, EPDM, IPFE, PTFE
351	5	19	1500	105	5.1	3.8	1725	Solid shaft, Belt, Bell, Clutch	FPM, EPDM, IPFE, HT
5CP6251	5	19	2000	140	6.8	5.1	1725	Solid shaft, Belt, Bell, Clutch	FPM, EPDM, HT, ST4
5CP6221	6	23	2000	140	8.2	6.1	1400	Belt, Clutch	FPM, EPDM, HT, ST4
3801	9	34	5000	345	30.8	23	824	Belt	FPM, EPDM
3801K	9	34	5000	345	30.8	23	824	Belt	FPM, EPDM
7CP6111G1	10	38	2000	140	13.7	10.2	1667	Gearbox	FPM, EPDM, STHT
1051	10	38	2200	155	15.1	11.3	958	Belt, Clutch	FPM, EPDM, STHT, NBRS, IPFE, ST4, PTFE
1051C	10	38	2200	155	15.1	11.3	958	Belt, Clutch	FPM, EPDM, STHT, NBRS, IPFE, ST4, PTFE
1861	10	38	3000	210	20.6	15.4	1429	Belt, Clutch	FPM, EPDM, IPFE
1861K	10	38	3000	210	20.6	15.4	1429	Belt, Clutch	FPM, EPDM, IPFE
7CP6111	10.5	40	2000	140	14.4	10.7	1725	Belt, Bell, Clutch	FPM, EPDM, STHT
7CP6171	10.5	40	2000	140	14.4	10.7	1450	Belt, Clutch	FPM, EPDM, STHT
1051	12	45	1800	125	14.8	11	1150	Belt, Clutch	FPM, EPDM, STHT, IPFE, ST4 PTFE
3811	14	53	3000	210	28.8	21.5	800	Belt	FPM, EPDM, IPFE
3811K	14	53	3000	210	28.8	21.5	800	Belt	FPM, EPDM, IPFE

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## CAT Plunger Pumps



1541  
(Rails and shaft protector sold separately)



2531  
(Rails and shaft protector sold separately)



3531  
(Rails sold separately)



6841

PUMP MODEL	MAXIMUM FLOW		MAXIMUM PRESSURE		HORSEPOWER		RPM	DRIVES	OPTIONAL SEALS
	GPM	LPM	PSI	BAR	HP	KW			
<b>316 STAINLESS STEEL MANIFOLDS WITH BUNA SEALS - 15 TO 75 GPM (57 TO 284 LPM)</b>									
Note: Models ending in the letter "C" or "K" are flush style pumps. Pumps in <i>italics</i> indicate an optional performance rating.									
* Intermittent Duty Only (All Flows at 1000 PSI)									
6811	15	57	5000	345	51.5	38.4	600	Belt	FPM, EPDM, IPFE
6811K	15	57	5000	345	51.5	38.4	600	Belt	FPM, EPDM, IPFE
6801	15	57	7000	485	51.5	38.4	600	Belt	FPM, EPDM
6801K	15	57	7000	485	51.5	38.4	600	Belt	FPM, EPDM
1531	15.6	59	1500	105	16	11.9	1450	Belt, Clutch	FPM, EPDM, IPFE
1541	18	68	1200	85	14.7	11	1100	Belt, Clutch	ST4
2511	20	76	1500	105	20.6	15.4	1450	Belt	FPM, STHT, IPFE
2531	21	79	1200	85	17.3	12.9	860	Belt	FPM, EPDM, IPFE, ST4
2831	21	79	1200	85	17.3	12.9	860	Belt	FPM, EPDM
2831K	21	79	1200	85	17.3	12.9	860	Belt	FPM, EPDM
3521	23	87	2000	140	31.6	23.6	800	Belt	FPM, EPDM, IPFE
3521C	23	87	2000	140	31.6	23.6	800	Belt	FPM, EPDM, IPFE
3821	23	87	2000	140	31.6	23.6	800	Belt	FPM, EPDM
3821K	23	87	2000	140	31.6	23.6	800	Belt	FPM, EPDM
2531	25	95	1000	70	17.1	12.8	1025	Belt	FPM, EPDM, IPFE, ST4
6821	25	95	3000	210	51.4	38.3	615	Belt	FPM, EPDM
6821K	25	95	3000	210	51.4	38.3	615	Belt	FPM, EPDM
3531	36	136	1200	85	29.7	22.1	800	Belt	FPM, EPDM, IPFE
3531C	36	136	1200	85	29.7	22.1	800	Belt	FPM, EPDM, IPFE
3831	36	136	1200	85	29.7	22.1	800	Belt	FPM, EPDM, IPFE
3831K	36	136	1200	85	29.7	22.1	800	Belt	FPM, EPDM, IPFE
3531HS*	40	151	1750	121	47.9	35.8	888	Belt	FPM, EPDM, IPFE
6831	40	151	2300	160	63	47	625	Belt	FPM
6831K	40	151	2300	160	63	47	625	Belt	FPM
3541	45	170	1000	70	30.9	23.0	765	Belt	FPM, EPDM, IPFE
3541C	45	170	1000	70	30.9	23.0	765	Belt	FPM, EPDM, IPFE
3841	45	170	1000	70	30.9	23.0	765	Belt	FPM, EPDM, IPFE
3841K	45	170	1000	70	30.9	23.0	765	Belt	FPM, EPDM, IPFE
6841	48	182	2000	140	65.8	49.1	615	Belt	FPM, EPDM
6841K	48	182	2000	140	65.8	49.1	615	Belt	FPM, EPDM
6761	60	227	1200	85	49.4	36.8	520	Belt	FPM, EPDM
6861	60	227	1200	85	49.3	36.8	520	Belt	FPM
6861K	60	227	1200	85	49.3	36.8	520	Belt	FPM
6771	75	284	1200	85	61.6	45.9	650	Belt	FPM, EPDM

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## Sta-Rite Booster Pumps, LMI Metering Pumps

### Sta-Rite® Pumps

PN Series Shallow Well Jet Pumps are corrosion and abrasion resistant and are ideal for wells with pumping levels of 25' or less. Self-priming after the pump housing is initially filled with water. Capacities to 18 GPM. Supplied with the industry standard 30-50 pressure switch setting.

#### APPLICATIONS

- \* Water Systems
- \* Booster Pump
- \* Marine Use
- \* Mist Sprayers – Poultry
- \* Fountains and Water Features

#### MATERIALS

- \* **Body and Seal Plate:** Fiberglass-reinforced thermoplastic
- \* **Nozzle:** Polypropylene
- \* **Impeller:** Engineered Polymer
- \* **Diffuser:** Polypropylene
- \* **Motor:** Heavy duty stainless steel shaft and dual heavy duty ball bearings
- \* **Base:** 12-gauge steel



### Ordering Information

Model No.	HP	Description	Pipe Tapping Sizes		Motor Voltage
			Suction	Discharge	
PNC	½	Base Mounted Pump	1 ¼"	1"	115/230
PND	¾	Base Mounted Pump	1 ¼"	1"	115/230
PNE	1	Base Mounted Pump	1 ¼"	1"	115/230



### Pump Performance (Capacity in Gallons/Liters per Minute)

HP	Model No.	Total Suction Lift Ft/M	Discharge Pressure PSI / Bar			Shut Off PSI / Bar
			30/2.1	40/2.8	50/3.5	
½	PNC	5/1.5	8.5/32.2	7.4/28.0	5.2/19.7	77/5.30
		10/3.0	7.1/26.9	6.4/24.2	5.1/19.3	
		15/4.6	6.5/24.6	6.1/23.1	4.5/17.0	
		20/6.1	5.4/20.4	5.1/19.3	4.1/15.5	
		25/7.6	4.1/15.5	4.0/15.1	3.4/12.9	
¾	PND	5/1.5	12.1/45.8	10.7/40.5	8.5/32.2	78/5.37
		10/3.0	10.7/40.5	10.2/38.6	8.4/31.8	
		15/4.6	9.0/34.1	8.5/32.2	8.1/30.7	
		20/6.1	7.6/28.8	7.3/27.6	7.1/26.9	
		25/7.6	5.3/20.1	5.7/21.6	5.1/19.3	
1	PNE	5/1.5	18.0/68.1	16.8/63.6	13.5/51.1	67/4.62
		10/3.0	17.1/64.7	16.1/60.9	13.4/50.7	
		15/4.6	14.9/56.4	14.4/54.5	13.0/49.2	
		20/6.1	12.6/47.7	12.2/46.2	12.0/45.4	
		25/7.6	8.8/33.3	8.5/32.2	8.1/30.7	

### LMI® Metering Pumps

- \* **Internal Control models** allow control of frequency and stroke length (volume).
- \* **Externally Pulsable models** accept signal from flowmeter, pH controller, or feed pump pulser.
- \* **Positive Displacement.** Accurate and repeatable feed rate setting, adjustable while pump is running.
- \* **Rugged Industrial Constructions.** Pumps are totally enclosed with corrosion-proof pump housing.
- \* **Pumps listed are 110v with PVC Head/Fittings & 3FV (LMI 3 Function Valve).** Contact us for additional sizes & configurations.



Model No.	Pulse Mode	Flow (GPD)		Max Pressure (PSI)	Spare Parts Kit*
		Min.	Max.		
P121-358TI	Internal	0.048	5	150	RPM-352/358
P021-358TI	Fixed	1.512	5	150	RPM-352/358
P131-398TI	Internal	0.024	10	110	RPM-392/398
P031-398TI	Fixed	3.000	10	110	RPM-392/398
AA141-358TI	Internal	0.024	14	250	RPM-352/358
AA741-358TI	Int/Ext	0.024	14	250	RPM-352/358
AA151-398TI	Internal	0.048	24	110	RPM-392/398
AA751-398TI	Int/Ext	0.048	24	110	RPM-392/398
B121-398TI	Internal	0.072	60	100	RPM-392/398
B721-398TI	Int/Ext	0.072	60	100	RPM-392/398
B131-368TI	Internal	0.120	108	50	RPM-362/368
B731-368TI	Int/Ext	0.120	108	50	RPM-362/368
C131-318TI	Internal	0.192	192	60	RPM-312/318
C731-318TI	Int/Ext	0.192	192	60	RPM-312/318
C141-34	Internal	0.480	480	25	SP-U6
26350-1	LMI Chemical Solution Tank Assembly with Cover, 50 Gallon				
26731	LMI Liquid Level Switch Assembly for 50 Gallon Tank				



\*Individual spare parts kits are available for each liquid end, containing 4 seal rings, 4 balls, 1 spring and 1 diaphragm.

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## Pressure Gauges and Pressure Switches

### AMI® Liquid Filled Pressure Gauges

Pump Model No.	Mounting	Range	Material	
			Case	Bourdon Tube
I-PG60N	Panel	0-60 PSI	SS	Bronze
I-PG100N	Panel	0-100 PSI	SS	Bronze
I-PG100NSS	Panel	0-100 PSI	SS	SS
I-PG400N	Panel	0-400 PSI	SS	Bronze
I-PG400NSS	Panel	0-400 PSI	SS	SS
I-PG600N	Panel	0-600 PSI	SS	Bronze
I-PG1000N	Panel	0-1000 PSI	SS	Bronze
I-PG1500NSS	Panel	0-1500 PSI	SS	SS
I-PG100NI	In-Line	0-100 PSI	SS	Bronze
I-PG400NI	In-Line	0-400 PSI	SS	Bronze
I-PG600NI	In-Line	0-600 PSI	SS	Bronze



### Pressure Switches

Model No.	Description	Setting Range (psi)	Normally	Material	Conn. (NPT)	Brand
I-PS046SD	Low Pressure	20-40	Closed	zinc coat	¼"	Square D
I-PS090SD	Low Pressure	10-80	Closed	zinc coat	¼"	Square D
I-PS089G	Low Pressure	10 on, 5 off	Open	zinc coat	¼"	Square D
I-PS090G	Low Pressure	10-80	Open	zinc coat	¼"	Square D
I-PS5B415	Low Pressure	15-30	Open	zinc coat	¼"	Square D
I-PS1C3N	Low Pressure	5-75	O/C	SS	½"	ITT
I-PS5C3N	High Pressure	125-600	O/C	SS	½"	ITT
I-PS15C3N	High Pressure	800-1500	O/C	SS	½"	ITT
I-PS69WB5	Low Pressure	5-80	Open	zinc coat	¼"	Furnas
I-PS69WR3Z205	Low Pressure	20 on, 5 off	Open	zinc coat	¼"	Furnas
I-PSLONS1C	Low Pressure	5-16 adj.	O/C	SS	¼"	Nason
I-PSWS1C300R	High Pressure	300 psi	O/C	SS	¼"	Nason
I-PSWS1C1050R	High Pressure	1050	O/C	SS	¼"	Nason



ITT Neo-Dyn Pressure Switch



Square D Pressure Switch



**NASON**

**Furnas**  
A Siemens Company

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## Rotameter Flow Meters – King® and Blue-White®

### King® Rotameter Flow Meters

Panel Mounted		
Model No.	Conn. (in)	Range (GPM)
I-FM01P4	¼ FNPT, ½ MNPT	0-1
I-FM02P4	¼ FNPT, ½ MNPT	.2-2
I-FM05P4	¼ FNPT, ½ MNPT	1-5
I-FM10P4	1 MNPT	1-10
I-FM20P4	1 MNPT	2-20



In-Line		
Model No.	Conn. (in)	Range (GPM)
I-FM02IN	½ FNPT	0-2
I-FM05IN	½ FNPT	0-5
I-FM10IN	1 FNPT	0-10
I-FM20IN	1 FNPT	0-20
I-FM40IN	1½ FNPT	0-40
I-FM50IN	1½ FNPT	0-50
I-FM60IN	2 FNPT	6-60
I-FM80IN	2 FNPT	10-80
I-FM100IN	2 FNPT	20-100



### Blue-White® Rotameter Flow Meters

#### F-550 Acrylic Block Panel Mount Rotameters, Dual Scale (GPM & LPM)

Model No.	Conn. (in.)	Range (GPM)	Type	Mounting Type
F-55250L	¼"	0.025-0.250	Acrylic Block	Panel Mount
F-53375L	⅜"	0.1-1	Acrylic Block	Panel Mount
F-55376L	⅜"	0.2-2	Acrylic Block	Panel Mount
F-55500L	½"	0.5-5	Acrylic Block	Panel Mount
F-55750L	¾"	1-10	Acrylic Block	Panel Mount
F-55005L	1"	1-5	Acrylic Block	Panel Mount
F-55010L	1"	1-10	Acrylic Block	Panel Mount
F-55015L	1"	1-15	Acrylic Block	Panel Mount
F-55200L	1"	2-20	Acrylic Block	Panel Mount



#### F-300 Pilot Tube Acrylic Clamp-On Insertion Mount, Saddle Rotameters, Dual Scale (GPM & LPM)

Model No.	Conn. (in.)	Range (GPM)	Type	Mounting Type
F-30100P	1" Saddle	5-35	Pilot Tube Acrylic	Saddle
F-30150P	1 ½" Saddle	20-100	Pilot Tube Acrylic	Saddle
F-30200P	2" Saddle	40-150	Pilot Tube Acrylic	Saddle
F-30600P	6" Saddle	250-1050	Pilot Tube Acrylic	Saddle



#### F-400 Acrylic Tube In-Line Rotameters, Dual Scale (GPM & LPM)

Model No.	Conn. (in.)	Range (GPM)	Type	Type
F-40250LN-4	¼" FNPT	0.025-0.25	Acrylic Tube	In-Line
F-40375LN-6	⅜" FNPT	0.1-1	Acrylic Tube	In-Line
F-40500LN-6	⅜" FNPT	0.5-5	Acrylic Tube	In-Line
F-40375LN-8	½" FNPT	0.1-1	Acrylic Tube	In-Line
F-40376LN-8	½" FNPT	0.2-2	Acrylic Tube	In-Line
F-40500LN-8	½" FNPT	0.5-5	Acrylic Tube	In-Line
F-41017LN-12	¾" FNPT	1.0-17	Acrylic Tube	In-Line
F-41000LN-12	¾" FNPT	2.0-20	Acrylic Tube	In-Line
F-40750LN-16	1" FNPT	1.0-10	Acrylic Tube	In-Line
F-41017LN-16	1" FNPT	1.0-17	Acrylic Tube	In-Line
F-41000LN-16	1" FNPT	2.0-20	Acrylic Tube	In-Line



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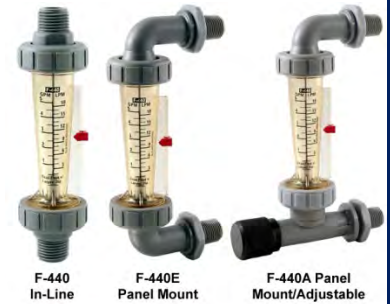
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## Rotameter Flow Meters – Blue White®

### Blue-White® Rotameter Flow Meters

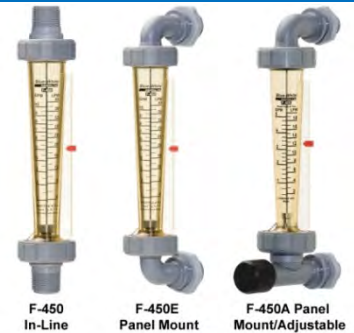
#### F-440 Polysulfone Molded Rotameter, Dual Scale (GPM & LPM)

Model No.	Conn. (in.)	Range (GPM)	Type	Type
F-44375L-8	1/2" MNPT	0.1-1	Polysulfone Molded	In-Line
F-44376LE-8	1/2" MNPT	0.2-2	Polysulfone Molded	Panel Mount
F-44376LE-6	3/8" MNPT	0.2-2	Polysulfone Molded	Panel Mount
F-44500LA-8	1/2" MNPT	0.5-5	Adjustable Polysulfone	Panel Mount
F-44500L-8	1/2" MNPT	0.5-5	Polysulfone Molded	In-Line
F-44500LE-8	1/2" MNPT	0.5-5	Polysulfone Molded	Panel Mount
F-44750LE-8	1/2" MNPT	1.0-10	Polysulfone Molded	Panel Mount
F-44750L-12	3/4" MNPT	1.0-10	Polysulfone Molded	In-Line
F-44750LE-12	3/4" MNPT	1.0-10	Polysulfone Molded	Panel Mount
F-44330LE-8	1/2" MNPT	3.0-30	Polysulfone Molded	Panel Mount



#### F-450 Flow Meters, Polysulfone Molded Rotameter, Dual Scale (GPM & LPM)

Model No.	Conn. (in.)	Range (GPM)	Type	Type
F-45375L-8	1/2" MNPT	0.1-1	Polysulfone Molded	In-Line
F-45375L-6	3/8" FNPT	0.1-1	Polysulfone Molded	In-Line
F-45376LE-8	1/2" MNPT	0.2-2	Polysulfone Molded	Panel Mount
F-45376L-6	3/8" FNPT	0.2-2	Polysulfone Molded	In-Line
F-45500LE-8	1/2" MNPT	0.5-5	Polysulfone Molded	Panel Mount
F-45500L-6	3/8" FNPT	0.5-5	Polysulfone Molded	In-Line
F-45750LE-8	1/2" MNPT	1.0-10	Polysulfone Molded	Panel Mount
F-45750LE-12	3/4" MNPT	1.0-10	Polysulfone Molded	Panel Mount
F-45750LA-12	3/4" MNPT	1.0-10	Adjustable Polysulfone	Panel Mount
F-45750L-12	3/4" MNPT	1.0-10	Polysulfone Molded	In-Line



#### F-451N High Volume Polysulfone Molded Rotameter, Dual Scale (GPM & LPM)

Model No.	Conn. (in.)	Range (GPM)	Type	Type
F-451006LHN	1" FNPT	0.5-6	Polysulfone Molded In-Line	In-Line
F-451001LHN	1" FNPT	1.0-10	Polysulfone Molded In-Line	In-Line
F-451001LHNE	1" MNPT	1.0-10	Polysulfone Molded In-Line	Panel Mount
F-451002LHN	1" FNPT	2.0-20	Polysulfone Molded In-Line	In-Line
F-451002LHNE	1" MNPT	2.0-20	Polysulfone Molded In-Line	Panel Mount
F-451003LHKN	1" FNPT	3.0-30	Polysulfone Mld. For Highly Corrosive Applications	In-Line
F-451003LHN	1" FNPT	3.0-30	Polysulfone Molded In-Line	In-Line
F-451003LHNE	1" MNPT	3.0-30	Polysulfone Molded In-Line	Panel Mount
F-451003LHN-24	1 1/2" FNPT	3.0-30	Polysulfone Molded In-Line	In-Line
F-451004LHN	1" FNPT	4.0-40	Polysulfone Molded In-Line	In-Line
F-451004LHNE	1" MNPT	4.0-40	Polysulfone Molded In-Line	Panel Mount
F-451004LHN-24	1 1/2" FNPT	4.0-40	Polysulfone Molded In-Line	In-Line



#### F-450 Air Only Flow Meters, Polysulfone Molded Rotameter, SCFM Scale, with 316 SS Float

Model No.	Pipe Size	SCFM	Threads	Type	Notes
F-45376GHN-6	3/8"	1-12	Female NPT	In-Line	Non-adjustable
F-45376GHNE-6	3/8"	1-12	Male NPT	Panel Mount	Non-adjustable
F-45750GEA-6	3/8"	4-48	Male NPT	Panel Mount	Adjustable (Needle valve)
F-45750GHN-6	3/8"	4-48	Female NPT	In-Line	Non-adjustable
F-45750GHNE-6	3/8"	4-48	Male NPT	Panel Mount	Non-adjustable
F-45376GEA-8	1/2"	1-12	Male NPT	Panel Mount	Adjustable (Needle valve)
F-45376GHN-8	1/2"	1-12	Male NPT	In-Line	Non-adjustable
F-45376GHNE-8	1/2"	1-12	Male NPT	Panel Mount	Non-adjustable
F-45750GEA-8	1/2"	4-48	Male NPT	Panel Mount	Adjustable (Needle valve)
F-45750GHN-8	1/2"	4-48	Male NPT	In-Line	Non-adjustable
F-45750GHNE-8	1/2"	4-48	Male NPT	Panel Mount	Non-adjustable

Note: Please contact Applied Membranes Inc. for additional pricing and availability on models that are not listed.

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## Myron® L and Hanna® Instruments

### Hanna® Instruments

Model No.	Description	Mounting	Range
<b>pH</b>			
BL981411	pH Mini Controller, 115/230Vac (needs sensor)	Panel	0-14 pH
BL931700	pH Mini Controller, 4-20 mA Output, 115/230Vac (needs sensor)	Panel	0-14 pH
HI1001	pH Sensor (probe), 220V or 110V (uses std thread inst fitting)		
<b>TDS</b>			
BL983313	TDS/Cond. Monitor, Mini w/probe	Panel	0-1999 µS/cm
BL983315	TDS Monitor - Includes Sensor, 0.1mg/L Resolution	Panel	0-200 ppm
BL983329	TDS Monitor - Includes Sensor, 1 mg/L Resolution	Panel	0-999 ppm



### Myron® L Instruments

Model No.	Description	Range
<b>RESISTIVITY</b>		
751II-11	Analog - Monitor Only - Needs Sensor	0-20 Megohm
751II-13	Analog - Monitor Only - Needs Sensor	0-5 Megohm
752II-11	Analog - Monitor & Controller - Needs Sensor	0-20 Megohm
752II-13	Analog - Monitor & Controller - Needs Sensor	0-5 Megohm
753II-11	Digital - Monitor & Controller - Needs Sensor	0-20 Megohm
753II-13	Digital - Monitor & Controller - Needs Sensor	0-5 Megohm
754II-11	Digital - Monitor Only - Needs Sensor	0-20 Megohm
754II-13	Digital - Monitor Only - Needs Sensor	0-5 Megohm
CS10	Sensor for Resistivity Monitors - Polypropylene - 0.05 cell const.	
<b>CONDUCTIVITY</b>		
756II-111	Analog - Monitor Only - Needs Sensor	0-50 µS
756II-113	Analog - Monitor Only - Needs Sensor	0-100 µS
757II-111	Analog - Monitor & Controller - Needs Sensor	0-50 µS
757II-113	Analog - Monitor & Controller - Needs Sensor	0-100 µS
758II-111	Digital - Monitor & Controller - Needs Sensor	0-50 µS
758II-113	Digital - Monitor & Controller - Needs Sensor	0-100 µS
758II-119	Digital - Monitor & Controller - Needs Sensor	0-1000 µS
759II-111	Digital - Monitor Only - Needs Sensor	0-50 µS
759II-113	Digital - Monitor Only - Needs Sensor	0-100 µS
CS51	Sensor for Conductivity/TDS Monitors - Polypropylene - 1.0 Constant	
<b>TDS</b>		
756II-110	Analog - Monitor Only - Needs Sensor	0-20 ppm
756II-112	Analog - Monitor Only - Needs Sensor	0-50 ppm
765II-114	Analog - Monitor Only - Needs Sensor	0-100 ppm
765II-116	Analog - Monitor Only - Needs Sensor	0-200 ppm
756II-120	Analog - Monitor Only - Needs Sensor	0-1000 ppm
757II-110	Analog - Monitor & Controller - Needs Sensor	0-20 ppm
757II-112	Analog - Monitor & Controller - Needs Sensor	0-50 ppm
757II-116	Analog - Monitor & Controller - Needs Sensor	0-200 ppm
757II-118	Analog - Monitor & Controller - Needs Sensor	0-500 ppm
757II-120	Analog - Monitor & Controller - Needs Sensor	0-1000 ppm
758II-110	Digital - Monitor & Controller - Needs Sensor	0-20 ppm
758II-112	Digital - Monitor & Controller - Needs Sensor	0-50 ppm
758II-114	Digital - Monitor & Controller - Needs Sensor	0-100 ppm
758II-114-4A	Digital - Monitor & Controller - Needs Sensor; 4-20mA	0-100 ppm
758II-116	Digital - Monitor & Controller - Needs Sensor	0-200 ppm
758II-120	Digital - Monitor & Controller - Needs Sensor	0-1000 ppm
758II-122	Digital - Monitor & Controller - Needs Sensor	0-2000 ppm
759II-110	Digital - Monitor Only - Needs Sensor	0-20 ppm
759II-112	Digital - Monitor Only - Needs Sensor	0-50 ppm
759II-120	Digital - Monitor Only - Needs Sensor	0-1000 ppm
CS51	Sensor for Conductivity/TDS Monitors - Polypropylene - 1.0 Constant	



Digital Resistivity Monitor



Analog Resistivity Monitor



Digital Conductivity Monitor



CS51 Sensor

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## +GF+ Signet® Instruments

### GF Signet® Instruments

Model No.	Description	Range
<b>CONDUCTIVITY/TDS/RESISTIVITY SIGNET PANEL AND FIELD MOUNT TRANSMITTERS</b>		
3-8850-1P	Panel Mount Transmitter – One input with 4-20mA output and one open collector; uses 2 wire power	N/A
3-8850-1	Field Mount Transmitter - One input with 4-20mA output and one open collector; uses 2 wire power	N/A
<b>CONDUCTIVITY/TDS/RESISTIVITY SIGNET PANEL AND FIELD MOUNT SENSORS</b>		
3-2819-1	Sensor - Cell Constant ( 0.01)	0-20 MΩ
3-2820-1	Sensor - Cell Constant ( 0.1)	0-100 PPM
3-2821-1	Sensor - Cell Constant ( 1.0)	100-10,000 PPM
3-2822-1	Sensor - Cell Constant ( 10)	10,000-50,000 PPM
<b>CONDUCTIVITY/TDS/RESISTIVITY SIGNET INTEGRAL BLIND TRANSMITTERS</b>		
3-2850-52-39	Integral Transmitter/ Sensor - Cell Constant ( 0.01)	0-20 MΩ
3-2850-52-40	Integral Transmitter/ Sensor - Cell Constant ( 0.1)	0-100 PPM
3-2850-52-41	Integral Transmitter/ Sensor - Cell Constant ( 1.0)	100-10,000 PPM
3-2850-52-42	Integral Transmitter/ Sensor - Cell Constant ( 10)	10,000-50,000 PPM
<b>pH/ORP SIGNET PANEL AND FIELD MOUNT TRANSMITTERS</b>		
3-8750-1P	Panel Mount Transmitter – One input with 4-20mA output and one open collector; uses 2 wire power	N/A
3-8750-1	Field Mount Transmitter – One input with 4-20mA output and one open collector; uses 2 wire power	N/A
<b>pH/ORP SIGNET PANEL AND FIELD MOUNT PREAMPS &amp; SENSORS</b>		
3-2760-11	Preamplifier	N/A
3-2724-10*	pH Sensor - Flat Glass	0-14 pH
3-2725-60*	ORP Sensor - Glass	(-)2,000 – 2,000 mV
<b>pH Signet Blind transmitters/Preamps</b>		
3-2750-2	Transmitter/Preamp	N/A
<b>pH Signet Blind Sensors</b>		
3-2724-00*	pH Sensor – Flat Glass	0-14 pH
3-2725-60*	ORP Sensor – Glass	(-)2,000 – 2,000 mV
<b>Flow Signet Panel and Field Mount Transmitter</b>		
3-8850-1P	Panel Mount Transmitter – One input with 4-20mA output and one open collector; uses 2 wire power	N/A
3-8850-1	Field Mount Transmitter – One input with 4-20mA output and one open collector; uses 2 wire power	N/A
<b>Flow Signet Panel and Field Mount Transmitter – Accessories</b>		
3-2536-P0*	Sensor (Blue Cap Paddlewheel)	66:1 Turndown R2t:0
P51530-P0*	Sensor (Red Cap Paddlewheel)	20:1 Turndown R2t:0
<b>Flow Signet Integral Blind Transmitter</b>		
3-2537-6C-P0	Transmitter/Sensor	N/A
<b>Pressure Noshok Blind Transmitters</b>		
100-150-1-1-2-7	Pressure Noshok Blind Transmitter	0-150 PSI
100-500-1-1-2-7	Pressure Noshok Blind Transmitter	0-500 PSI
100-1500-1-1-21	Pressure Noshok Blind Transmitter	0-1500 PSI
<b>Turbidimeters Hach</b>		
6010100	1720E Turbidimeter with SC100 Controller	0-100 NTU
6010101	1720E Turbidimeter Only	0-100 NTU

\* = Installation tees are sold separately for these parts.



Conductivity/TDS/Resistivity Transmitter



pH/ORP Transmitter



Flow Transmitter



Sensor Electrodes

### Installation Tees

5911.005	0.5" Installation Tee, PVC
5911.007	0.75" Installation Tee, PVC
5911.010	1.0" Installation Tee, PVC
5911.015	1.5" Installation Tee, PVC
5911.120	2.0" Installation Tee, PVC
5911.130	3.0" Installation Tee, PVC
5911.140	4.0" Installation Tee, PVC



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## HM Digital Instruments and Temperature and Level Controls

Dual TDS Controllers					
Model No.	Description	Range	Accuracy	Brand	
PSC-150	Extended Range EC/TDS Controller	0 - 5000 ppm	±2%	HM Digital	
PS-200	Dual TDS Controller	0 - 999 ppm	±2%	HM Digital	
PS-202	Dual Display TDS Controller	0 - 999 ppm	±2%	HM Digital	

Temperature Indicators			
Model No.	Description	Range (°F)	
30EI60L0250	Temperature Gauge – Bottom Mounting	0-190	
30EI60R0250	Temperature Gauge – Back Mounting	0-190	

Level Controls		
Model No.	Description	
YFL6905-100	Float Switch, Horizontal, Polypropylene	
YFL6916-100	Float Switch, Vertical, Stainless Steel	
6910.050	Float Switch, Vertical, Polypropylene	
YFLM2L	Float Switch, Dual Level w/ Cable Mounting, Normally Closed	
YFLH2L	Float Switch, Dual Level w/ Cable Mounting, Normally Open	
YFL2PPAS	Float Tree Assembly, Pre-Assembled with 2 Polypropylene Floats	
YFL2SSAS	Float Tree Assembly, Pre-Assembled with 2 Stainless Steel Floats	
YFL3PPAS	Float Tree Assembly, Pre-Assembled with 3 Polypropylene Floats	
YFL3SSAS	Float Tree Assembly, Pre-Assembled with 3 Stainless Steel Floats	

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## Bray Valves

### Bray V-Port (V-Control) Ball Valves, Available in 110v and 220v



- Characterized V-Port Balls
- Standard: 15°, 30°, 60° & 90° Custom and Slotted Ports
- Full Port / Standard Port
- 3-Piece and Flanged Valves
- Valve Sizes:
  - 7000/8000: 1/4" - 12"
  - Triad Series: 1/2" - 4"
  - F15/F30: 1/2" - 12"
  - RF15/RF30: 1" - 12"

With characterized V-ports, slotted ports or custom ports, V-Control Ball Valves provide accurate flow control. Available in 3-Piece and Flanged bodies, V-Control valves offer superior rangeability, repeatability and high flow capacity. These quarter-turn valves are easily automated and make an ideal control element in process piping systems. When combined with Flow-Tek's line of Pneumatic and Electric Actuators and controls, the V-Control delivers exceptional performance.

### Bray Series 70 Electric Actuators, Available in 110v and 220v



#### Output Torque 300 Lb-in (34 Nm) to 18,000 Lb-in (2,034 Nm)

Bray Controls' years of proven success in electric actuation, combined with innovative engineering, has produced the Series 70. The Series 70 features on-off or modulating control. Bray's Series 70 electric actuator has many advantages over other actuators including:

- UL, CSA and CE certification of most units
- Wiring directly to the terminal strip without interference from other components
- Simple and unique manual override handwheel system
- Lowest profile and lightest weight actuator on the market
- Simple finger or screw driver adjustment of travel limit cams without interference from other components
- Highly visible valve status display on most units
- Easiest access to terminal block wiring, cam adjustments and switch installation

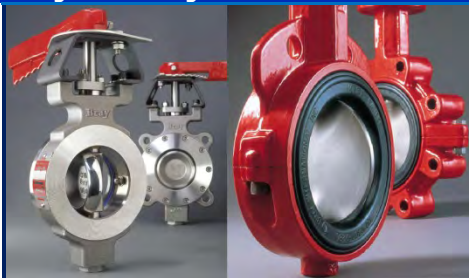
### Bray Series 73 Electric Actuators for Rotary Valves, Available in 110v and 220v



#### Three on-off models with up to 600 lb-in (68 N-m) Output torque

Bray's economical, high performance electric actuator, the Series 73, is a low-profile, compact actuator which features a customer friendly design for ease of field wiring and cam adjustment. Installation and maintenance are easy and safe. Bray's Series 73 electric actuators have a UL listed 120 or 220 VAC single phase permanent split-capacitor reversible induction motor with internal brake. 12 or 24 VDC motors are available upon request. Output torque from 100 to 600 lb-in with speeds ranging from 2 to 60 seconds for 90° operation. Two SPDT travel limit switches are standard. Features include manual override, a valve position pointer, and LEDs which light up either red or green at end of travel when the valve reaches the open and closed positions. Available in weatherproof (NEMA 4, 4x, IP65) housings.

### Bray Butterfly Valves, 110v and 220v



Model No.	Valve Size	Voltage	Material
YVBF30ESS-110	3"	110	SS
YVBF40ESS-110	4"	110	SS
YVBF30ESS-220	3"	220	SS
YVBF40ESS-220	4"	220	SS
YVBF60ESS-110	6"	110	SS

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# Commercial Components

## Valves, Tank Adapters, Flanges

### Pressure Relief Valves


Model No.	Connection	Material	Range (PSI)
YVPR5423005	½"	PVC	5-100
YVPR5423007	¾"	PVC	5-100
YVPR5423010	1"	PVC	5-100



### PVC Check Valves


Model No.	Conn.
YVC050PVC	½"
YVC75PVC	¾"
YVC10PVC	1"
YVC15PVC	1.5"

Model No.	Conn.
YVC20PVC	2.0"
YVC30PVC	3.0"
YVC40PVC	4.0"



### Sample Valve


Model No.	Description	Connection
YV5309102	Sample Valve	¼" NPT



### Tank Adapters (PVC Bulkheads)

Model No.	Size
YF7000-005	½"
YF7000-007	¾"
YF7000-010	1"


Model No.	Size
YF7000-015	1½"
YF7000-020	2"



### Stainless Steel Flanges – 300 PSI

Model No.	Size	Type
YFFL1250SS	1¼"	Weld
YFFL1250SSTH	1¼"	Thread
YF20SS300	2"	Weld
YF20SS300TH	2"	Thread

Model No.	Size	Type
YFFL2500SS	2½"	Weld
YFFL2500SSTH	2½"	Thread
YFFL3000SS	3"	Weld
YFFL4000SS	4"	Weld



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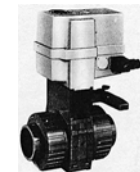
## Motorized Ball Valves, Manual Ball Valves & Solenoid Valves

### Motorized Ball Valves

Model No.	Connection	Voltage	Brand
YVB050EPVCA	1/2"	110 V	Asahi
YVB050EPVCA-220	1/2"	220 V	Asahi
YVB075EPVC	3/4"	110 V	Asahi
YVB075PVCA-220	3/4"	220 V	Asahi
YVB10EPVCA	1"	110 V	Asahi
YVB10EPVCG	1"	110 V	GF+
YVB10PVCA-220	1"	220 V	Asahi
YVB15EPVCA	1.5"	110 V	Asahi
YVB15PVCA-220	1.5"	220 V	Asahi
YVB20EPVCA	2"	110 V	Asahi
YVB20EPVCG	2"	110 V	GF+
YVB20PVCA-220	2"	220 V	Asahi
YVB40EPVCG	4"	110 V	GF+



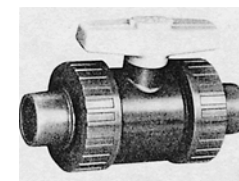
Asahi



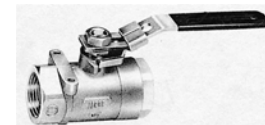
George Fischer

### Manual Ball Valves

Model No.	Description	Conn.	Material
YVB05PVC	Double Union Ball Valve	1/2"	PVC
YVB75PVC	Double Union Ball Valve	3/4"	PVC
YVB10PVC	Double Union Ball Valve	1"	PVC
YVB15PVC	Double Union Ball Valve	1.5"	PVC
YVB20PVC	Double Union Ball Valve	2"	PVC
YVB30PVC	Double Union Ball Valve	3"	PVC
YVB40PVC	Double Union Ball Valve	4"	PVC
YFVB025BR	Ball Valve	1/4"	Brass
YFVB050BR	Ball Valve	1/2"	Brass
YFVB075BR	Ball Valve	3/4"	Brass
YFVB100BR	Ball Valve	1"	Brass
YVB14SSA	Ball Valve	1/4"	SS
YVB05SSA	Ball Valve	1/2"	SS
YVB34SSA	Ball Valve	3/4"	SS
YVB10SSA	Ball Valve	1"	SS
YVB15SSA	Ball Valve	1.5"	SS
YFVB20SSA	Ball Valve	2"	SS



Double Union Ball Valve



Brass Ball Valve

### Solenoid Valves/Coils for Commercial RO Systems

Model No.	Description	Conn.	Voltage
I-SV6448B110	Solenoid Valve with Coil, Normally Closed	3/4" FPT	110V, 50/60 Hz
I-SV577G	Solenoid Valve (only)	1/2" FPT	--
I-SV578G	Solenoid Valve (only)	3/4" FPT	--
I-SV579G	Solenoid Valve (only)	1" FPT	--
I-SC6543	Solenoid Coil (only)	--	110V, 50/60 Hz
I-SC6544	Solenoid Coil (only)	--	220V, 50/60 Hz



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## Globe & Needle Valves, Hoses and Fittings

### Globe Valves

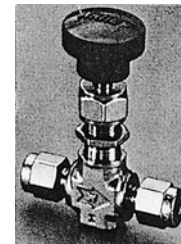
Model No.	Size	Conn.
<b>Stainless Steel</b>		
YVG05SS	1/2"	Threaded
YVG075SS	3/4"	Threaded
YVG10SS	1"	Threaded
YVG15SS	1.5"	Threaded
YVG20SS	2"	Threaded
YVG30SS	3"	Threaded
YVG30SSFL	3"	Flanged
YVG40SSFL	4"	Flanged
YVG60SSFL	6"	Flanged

Model No.	Size	Conn.
<b>PVC</b>		
YVG075PVC	3/4"	Threaded
YVG10PVC	1"	Threaded
YVG15PVC	1.5"	Threaded
YVG20PVC	2"	Threaded
YVG40PVC	4"	Flanged



### Panel Mount Needle Valves

Model No.	Conn.	Material
YFVN2525BR	1/4" T x 1/4" T	Brass
YFVN2525BRNPT	1/4" T x 1/4" M	Brass
B-626	3/8" T x 3/8" T	Brass
B-651	1/2" T x 1/2" T	Brass
SS-1RS4	1/4" T x 1/4" T	SS
SS-1RS6	3/8" T x 3/8" T	SS
SS-1RS8	1/2" T x 1/2" T	SS
YFVN7575SS	3/4" T x 3/4" T	SS



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- Braided, Food Grade Hoses
- PVC, Black, Chemical Hoses



### Commercial Fittings

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- Stainless Steel Pipe Fittings
- PVC Schedule 80 Fittings
- Stainless Steel Compression Fittings
- Quick Disconnect Polypropylene Fittings



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# Commercial Components

## Storage Tanks

### Conical Bottom Storage Tanks

Cone Bottom Tanks are selected when a more complete drain out of stored chemical is required in indoor or outdoor installations. Tanks require stands to support the conical bottoms. Tanks are manufactured from medium- or high-density polyethylene with U.V. inhibitors and designed for containment of liquids of up to 1.7 specific gravity. Tank walls are translucent for level viewing and equipped with gallon indicators.

45° Conical Bottom Tanks		
Model No.	Dimensions (diameter x height)	Capacity
CB0200-42	42" x 54"	200 Gallon
CB0300-42	42" x 67"	300 Gallon
CB0500-52	52" x 79"	500 Gallon
Conical Bottom Stands		
Model No.	Clearance (from tank to ground)	Capacity
CB042-45ST	11"	200, 300 or 350 Gal-45 deg.
CB052-45ST	13"	345 or 500 Gal-45 deg.



### Atmospheric Storage Tanks

\* Polyethylene. Tanks and Covers Sold Separately. FDA Approved. For chemicals & cleaning.

AMI Model # For tank	AMI Model # For cover	Capacity (Gallons)	Size (ID" x Depth")	Approx. Wall Thickness (Inches)
AT-5	AT-5CVR	5	11 x 14	1/4
AT-10	AT-10CVR	10	13 x 20	1/4
AT-15	AT-15CVR	15	15 x 21	1/4
AT-17	AT-17CVR	17	18 x 15	1/4
AT-30	AT-30CVR	30	18 x 29	1/4
AT-55	AT-55CVR	55	22 x 34	1/4
AT-80	AT-80CVR	80	24 x 48	1/4
AT-100	AT-100CVR	100	28 x 42	1/4
AT-150	AT-150CVR	150	31 x 47	1/4
AT-200	AT-200CVR	200	36 x 48	5/16
AT-275	AT-275CVR	275	42 x 48	3/8
AT-360	AT-360CVR	360	48 x 48	3/8
AT-500	AT-500CVR	500	52 x 60	3/8



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