



**January 2023**

# **Pump Catalog**

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**Restocking Charge** - All items accepted for credit are subject to a restocking fee of 25% of the original sale price. All items returned for credit must be new, unused, undamaged equipment less than 3 months old that is still in production.

**Minimum Order** - There is a minimum net order amount of \$30.00, excluding shipping.

**Please Note** - Possession of price list does not ensure right to purchase direct.  
Due to continuous improvement of products, prices subject to change without notice.

### Chemical Compatibility

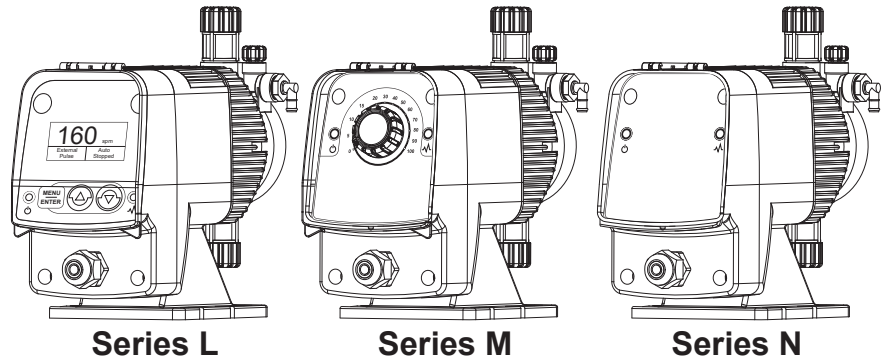
When building the liquid end portion of a pump model it is critical that the materials selected are compatible with the product to be pumped. Listed below are some common chemicals and recommended liquid end codes.

Chemical	Code
ACETIC ACID, 5-10%	KHC
ALUMINUM SULFATE 'alum'	KHC
AMINES, 0 - 35%	KFC
AMINES, > 40%	SFS
AMMONIA, 10%	KHC
BROMINE	KFC
CALCIUM HYPOCHLORITE	KVC
DBNPA	KFC
ETHYLENE GLYCOL	KFC
FERRIC CHLORIDE	KFC
FERRIC SULFATE	KFC
GLUTARALDEHYDE	KFC
HYDROCHLORIC ACID, 0 - 37%	KFC
HYDROGEN PEROXIDE, 0 - 30%	KVC
INHIBITING PHOSPHONATES	KFC
ISOTHIAZOLINE	KFC

Chemical	Code
NITRIC ACID, 0 - 20%	KVC
PHOSPHORIC ACID, 0 - 100%	KFC
POTASSIUM CHLORIDE	KFC
SODIUM BI-CARBONATE 'soda ash'	KFC
SODIUM BI-SULFATE	KFC
SODIUM BI-SULFITE	KFC
SODIUM BROMIDE	KFC
SODIUM CARBONATE	KFC
SODIUM HYDROXIDE, 'caustic', 0 - 50%	KHC
SODIUM HYPOCHLORITE	KVC
SODIUM NITRATE	KFC
SODIUM SILICATE	KHC
SODIUM SULFATE	KHC
SODIUM SULFIDEa	KHC
SULFURIC ACID, 10 - 75%	KFC
SULFURIC ACID, 95 - 100%	KFC

# MicroLinx Electronic Chemical Metering Pump

MicroLinx Series metering pumps provide reliable, economical chemical addition for a wide variety of applications. Available in outputs up to 45 GPD and 300 PSI. Precise metering with double ball guided checks. Speed control provides a wide turn down capability on all models.



## Build your own MicroLinx ..... Model Example: M30X1-KFC1

SELECTION 1: **M 3 0** - - - - - **MODEL and OUTPUT**

	PSI / bar	300 / 20.6	250 / 17.2	150 / 10.3	100 / 6.8	75 / 5.1
MODEL	GPD / LPD	5 / 18.9	12 / 45.4	15 / 56.7	30 / 113.5	45 / 170.3
<b>L</b>	<b>Digital / Wi-Fi Control</b>	<b>L05</b>	<b>L12</b>	<b>L15</b>	<b>L30</b>	<b>L45</b>
<b>M</b>	<b>Manual Knob</b>	<b>M05</b>	<b>M12</b>	<b>M15</b>	<b>M30</b>	<b>M45</b>
<b>N</b>	<b>Wi-Fi Control Only</b>	<b>N05</b>	<b>N12</b>	<b>N15</b>	<b>N30</b>	<b>N45</b>

SELECTION 2: **X** - - - - - **CONTROL OPTIONS**

<b>CODE</b>		<b>SERIES</b>
<b>X</b>	Standard control	*L, M, N
<b>E</b>	External auto-stop	M, N

\*Note: Series L units come standard with 4-20 mA input, pulse input, external auto-stop and timers.

SELECTION 3: **1** - - - - - **VOLTAGE**

<b>CODE</b>	
<b>1</b>	120 vac, USA plug and agency approvals
<b>2</b>	120-220 vac, no plug

SELECTION 4: **K F C 1** - - - - - **LIQUID END**

### Head & Fittings, Seat, Ball

- KFC** = Kynar, teflon, ceramic
- KVC** = Kynar, viton, ceramic
- KHC** = Kynar, hypalon, ceramic
- DVC** = Degassing kynar, viton, ceramic\*
- SFSP** = Stainless, teflon, 1/4" MNPT

### Connection options for Kynar heads only

- 1** = 3/8" tubing rated to 200 psi\*
- 2** = 1/4" tubing rated to 300 psi
- 4** = 1/4" black UV tubing rated to 300 psi
- R** = 1/4" FNPT
- U** = 3/8" black UV tubing rated to 200 psi
- V** = 3/8" tubing rated to 200 psi, clear suction\*

SELECTION 5: **4** - - - - - **SPECIAL OPTIONS**

<b>CODE</b>	
<b>4</b>	Blue front
<b>5</b>	Green front
<b>S</b>	3-Function Valve (25 lbs load, anti-siphon & check. K head only.)

\*Notes: 1. Degassing head only available on 150,100 and 75 psi models.  
2. Tubing selection may impact pump rating.

# MicroLinx Spare Part Assemblies

Identifying parts is easy using the liquid end portion of the pump's model number: M30X1-KFC1. Find the needed assembly below and add the 3 or 4 digits of the liquid end for the complete number.

## Complete Head Kits

Kits include head, priming valve, screws, suction and discharge valves, all seals and diaphragm.

Description	Part Number
Head kit for 5 GPD / 300 psi.....	CHL - 05 - _ _ _ _
Head kit for 12 GPD / 250 psi.....	CHL - 12 - _ _ _ _
Head kit for 15 GPD / 150 psi.....	CHL - 15 - _ _ _ _
Head kit for 30 GPD / 100 psi.....	CHL - 30 - _ _ _ _
Head kit for 45 GPD / 75 psi.....	CHL - 45 - _ _ _ _

<u>Body</u>	<u>Seat</u>	<u>Ball</u>	<u>Connection</u>
D	V	C	1 — For all 3/8" tubing (1, U or V)
K	F	S	2 — For all 1/4" tubing (2 or 4)
S	H		P — (SS head only)
			R

**Note:** SS head only available as a SFCP.

## Individual Kynar Assemblies

Description	Part Number
Injection Valve Assembly .....	INJ - L - K _ _ _ _
3-Function Injection Valve .....	3FV - K _ _ _ _
Foot Valve Assembly .....	FTV - L - K _ _ _ _
Suction Valve Assembly.....	SUC - L - K _ _ _ _
Discharge Valve Assembly .....	DIS - L - K _ _ _ _
Priming Valve Assembly.....	PRI - L - K F _ _ _
Degas Valve Assembly.....	DGS - L - K V _ _ _
Priming Tube Assembly.....	PRT - L - K _ _ _ _

<u>Seat</u>	<u>Ball</u>	<u>Connection</u>
V — Viton	C — Ceramic	1 — For all 3/8" tubing (1, U or V)
F — Teflon		2 — For all 1/4" tubing (2 or 4)
H — Hypalon		R

**Note:** Use 1 for models with U or V

## MicroLinx Individual Parts

<b>MLP-355</b>	MicroLinx clear cover and hinge pin
<b>MLP-356</b>	MicroLinx Series M speed knob
<b>MLP-370</b>	MicroLinx tubing nut
<b>MLP-371</b>	MicroLinx 1/4" tubing adaptor
<b>R00139</b>	Weight for tubing, ceramic
<b>R00325</b>	Stainless Steel Check with SS ball and teflon seat, 1/4" NPT

### Replacement Tubing per Foot

		Add -100 suffix to part # for 100' roll)
<b>R00097</b>	PE 1/4" (.25) OD / 1/8" (.125) ID / LDPE	-100 300 PSI / 20.6 bar @ 73°F (22°C)
<b>R00267</b>	PE 1/4" (.25) OD / 1/8" (.125) ID / HDPE	-100 400 PSI / 27.5 bar @ 73°F (22°C)
<b>R00122</b>	PE 3/8" (.375) OD / 1/4" (.25) ID / LDPE	-100 200 PSI / 13.7 bar @ 73°F (22°C)
<b>R00151</b>	PE Blk UV resist 3/8" (.375) OD / 1/4" (.25) ID	-100 200 PSI / 13.7 bar @ 73°F (22°C)
<b>R00167</b>	PE Blk UV resist 1/4" (.25) OD / 1/8" (.125) ID	-100 300 PSI / 20.6 bar @ 73°F (22°C)
<b>R00255</b>	Clear Vinyl 3/8" (.375) OD / 1/4" (.25) ID	-100 Suction / Prime only
<b>R00268</b>	PVDF 3/8" (.375) OD / 1/4" (.25) ID	N/A 250 PSI / 17.2 bar @ 73°F (22°C)

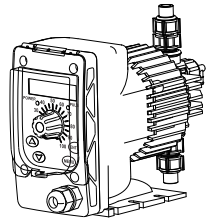
# MicroTron Electronic Chemical Metering Pump

All MicroTron metering pumps now come standard with Kynar/Teflon liquid ends.

## Series A

Includes a 1 X 16 backlit LCD, on/off & stroke indicator LED, keypad and dust cover.

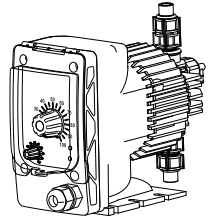
<b>A145X1-KFCV</b>	75 PSI	75 PSI (5.1 bar) / 45 GPD (7.07 LPH)
<b>A130X1-KFCV</b>	110 PSI	110 PSI (7.5 bar) / 30 GPD (4.73 LPH)
<b>A115X1-KFCV</b>	150 PSI	150 PSI (10.3 bar) / 15 GPD (2.36 LPH)
<b>A217X1-KFC2</b>	250 PSI	250 PSI (13.8 bar) / 17 GPD (2.68 LPH)



## Series B

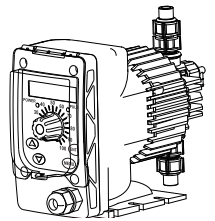
Series B pumps come standard with a rotary encoder switch to allow exact stroke speed setting of pumps, on/off indicator light, stroke indicator light and panel dust cover.

<b>B145X1-KFCV</b>	75 PSI	75 PSI (5.1 bar) / 45 GPD (7.07 LPH)
<b>B130X1-KFCV</b>	110 PSI	110 PSI (7.5 bar) / 30 GPD (4.73 LPH)
<b>B115X1-KFCV</b>	150 PSI	150 PSI (10.3 bar) / 15 GPD (2.36 LPH)
<b>B217X1-KFC2</b>	250 PSI	250 PSI (13.8 bar) / 17 GPD (2.68 LPH)



## Series R

Series R controller/pump combination units come standard with a 1 X 16 backlit LCD readout, on/off light, stroke indicator light, 5 amp fused relay output and panel dust cover.



<b>RC</b>	Conductivity Feed & Bleed (no feed timer)
<b>RD</b>	Conductivity Bleed with Selectable Feed Timer (pulse, %, limit or 28-day)
<b>RT</b>	Dual Selectable Timer (pulse, %, 28-day)

### Output Options.

<b>15</b>	150 PSI (10.3 bar) / 15 GPD (2.36 LPH)
<b>17</b>	250 PSI (13.8 bar) / 17 GPD (2.68 LPH)
<b>30</b>	110 PSI (7.5 bar) / 30 GPD (4.73 LPH)

### Stop Function Options

<b>X</b>	Standard
<b>D</b>	Auto Stop Input with 8' Cord
<b>E</b>	Flow Switch Assembly with 8' Cord
<b>G</b>	Flow Switch only with 8' Cord
<b>H</b>	Flow Switch Unassembled

### Voltage Options

<b>1</b>	(Standard) 120 Volt USA Plug
<b>2</b>	240 Volt
<b>B</b>	120 Volt N.C. Relay for bleed lockout (RT only)
<b>L</b>	120 Volt USA Plug with no Control Relay or Pigtail

<b>RD</b>	<b>30</b>	<b>X</b>	<b>1-</b>

\*See liquid end options on selection 4 of the next page.

# Build your own MicroTron..... Model Example: A130X1-KFCV-4ES

SELECTION 1: **A 1 3 0** - - - - - **MODEL and OUTPUT**

	PSI	75	110	250	150
	bar	5.1	7.5	13.8	10.3
	GPD	45	30	17	15
MODEL	LPH	7.07	4.73	2.68	2.36
<b>A</b>		<b>A145</b>	<b>A130</b>	<b>A217</b>	<b>A115</b>
<b>B</b>		<b>B145</b>	<b>B130</b>	<b>B217</b>	<b>B115</b>

SELECTION 2: **X** - - - - - **CONTROL OPTIONS**

CODE		SERIES
<b>X</b>	(Standard) Control	A, B
<b>D</b>	Dual Output 10-50 SPH or 125 SPM	B
<b>E</b>	External Pace	B
<b>F</b>	Hall Effect flow meter input (divides by 9)	B
<b>L</b>	Limit Timer	B
<b>M</b>	4-20 mA Input	A
<b>T</b>	Selectable Pulse, %, or 28-Day Biocide Timer	A

(Add option H in SELECTION 5 if using paddlewheel)

SELECTION 3: **1** - - - - - **VOLTAGE**

CODE	
<b>1</b>	(Standard) 120 Volt USA plug, 5.5' long
<b>2</b>	240 No plug
<b>3</b>	240 South American plug
<b>4</b>	12 Volt DC (60 PSI max; Output not affected; Includes ON/OFF switch)
<b>5</b>	240 Volt USA plug
<b>6</b>	240 Volt Korean plug / 60 cycle
<b>7</b>	240 Volt Australian plug

SELECTION 4: **K F C V** - - - - - **LIQUID END**

<b>Head and Fittings</b>	<b>Connection</b>
<b>K</b> = Kynar (PVDF)	<b>1</b> = 3/8" Tubing rated to 200 PSI*
<b>M</b> = Kynar Head w/ SS MNPT Valves*	<b>2</b> = 1/4" Tubing rated to 300 PSI
<b>S</b> = 316SS*	<b>4</b> = 1/4" Black UV tubing
<b>D</b> = Kynar Degassing	<b>P</b> = 1/4" MNPT
<b>Seat and O-Rings</b>	<b>Q</b> = 1/4" MNPT disch / 1/4" FNPT suction
<b>F</b> = Teflon (PTFE)	<b>R</b> = 1/4" FNPT
<b>H</b> = Hypalon (CSPE)	<b>U</b> = 3/8" Black UV tubing, 200 PSI
<b>V</b> = Viton (FKM)	<b>V</b> = 3/8" tubing, 200 PSI, clear suction*
	<b>Check Ball</b>
	<b>C</b> = Ceramic
	<b>D</b> = Ceramic (single on discharge)
	<b>S</b> = Stainless

\*Notes: 1. M and S options require P connection code and do not include tubing, foot, or injection fittings.  
2. Tubing selection may impact pump rating.

In Section 5, if no special options are required this section can be left off. When picking options, up to three selections can be made: (Example: 4ES). For models with more than three options, consult factory.

**SELECTION 5:** \_\_\_\_\_ - \_\_\_\_\_ - **4 E S** **SPECIAL OPTIONS**

CODE	SPECIAL OPTIONS	SERIES
4	Blue Housing	All
5	Green Housing	All
6	Conformal Coating	All
01	Tank Mount Conductivity Probe (DC-4A)	RC, RD
04	Boiler Probe BE-32 in place of TE-4A	RC, RD
07	TE-4ASS-8	RC, RD
08	AH-4ASS-8	RC, RD
12	Momentary Toggle Switch for WM Input	A & R
14	External Fuse	All
15	AH-2SS-10	RC, RD
17	Adds 1/4" FNPT to 3/8" poly tubing adapters	All
E	External Stop	A, B
F3	FloTracker input only, no sensor	A & R
H	3-Wire Input for Paddlewheel Sensor (5 VDC)	A & R
P	ON/OFF Power Switch	A, B
R	Remove Stroke Adjust	All
S	3-Function Valve (25 lbs load, anti-siphon & check)	All (K head only)
V	Pulse Output	A
W	Dry Contact with Pump On	A

## MicroTron Spare Part Assemblies

Getting the right materials for your spare parts is easy using the liquid end portion of your pump's model number; example: B130X1-KFCV. Find the assembly needed and add the four digit code of the liquid end after the standard prefix part number for the assembly. Various materials add to the base list price.

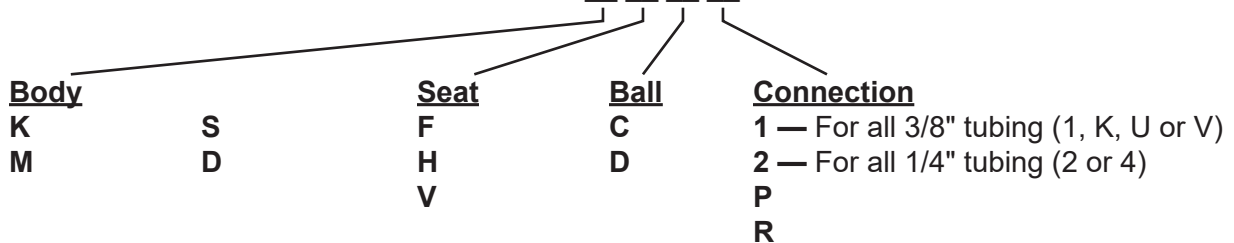
## Complete Head Kits

Complete head kits include the pump head, priming valve, head screws, suction and discharge valves complete with tubing nuts, all seals and diaphragm.

**Note:** Use a **K** for any pump with **P** or **V** liquid end body; i.e. B130X1-PFCV

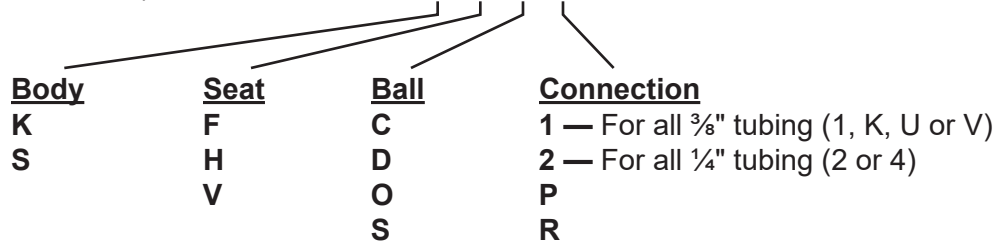
### Description

Description	Part Number
Kits for 75 & 110 PSI models.....	CKR-1- _____
Kits for 150 PSI models.....	CKR-15- _____
Kits for 250 PSI models.....	CKR-2- _____



## Individual Assemblies

Description	Part Number	
Injection Valve Assembly .....	INJ- K	___
Foot Valve Assembly .....	FTV- K	___
Suction Valve Assembly .....	SUC-	___
Discharge Valve Assembly .....	DIS-	___
Pressure Relief/Discharge Valve .....	PRDIS- K	___
Degassing Valve Assembly .....	DEGAS- K F	..... No substitutions
3-Function Valve Assembly .....	3FV- K	___
Priming Valve Assembly .....	PRI- K F C 1	..... No substitutions
Accessory Kit Assembly .....	ACC- K	___
Ball Check Kit (6 ball checks).....	BLK- K	1



**Note:** Accessory kit assembly part number **ACC-** includes the injection valve, foot valve, tubing weight and all tubing for the pump liquid end code selected.

### Ball Check Cartridge Assembly

Add **F** for Teflon seats and a **L** for spring loaded.

- R03603** Kynar / Viton
- R03605** Kynar / Viton with priming hole

## Additional MicroTron Parts

<b>R00125</b> Head, Kynar large (30 & 45 GPD)	<b>R03212</b> Stroke knob assembly
<b>R00126</b> Head, Kynar small (15 & 17 GPD)	<b>R03061</b> Stroke shaft assembly
<b>R00006</b> Diaphragm, small (15 & 17 GPD)	<b>R00065</b> Speed knob
<b>R00007</b> Diaphragm, large (30 & 45 GPD)	<b>R00139</b> Weight for tubing ceramic
<b>R00068</b> Ring, support small diaphragm	<b>R00142</b> Power cord with US plug 120 VAC
<b>R00069</b> Ring, support large diaphragm	<b>R00153</b> Fuse, 3 amp fast-blow
<b>R00129</b> Tubing nut Kynar	<b>R00317</b> Liquid tight connector
<b>R00108K</b> 1/4" tubing adaptor Kynar	<b>R00226</b> Spring, valve check SS
<b>R00043</b> Clear pump cover	<b>R00282</b> Power cord with US plug 240 VAC
<b>R00045</b> Screw, pump head	<b>R00204</b> SS valve body, 1/4" MNPT
<b>R00050</b> Seal, solenoid through housing	<b>R00324</b> SS head T style (.5 diaphragm)
<b>DIA-KIT9</b> Large diaphragm, support ring & seal	<b>R00203</b> SS head S style (.5 diaphragm)
<b>DIA-KIT5</b> Small diaphragm, support ring & seal	<b>R00203A</b> SS head S style (.9 diaphragm)

### Replacement Tubing per Foot

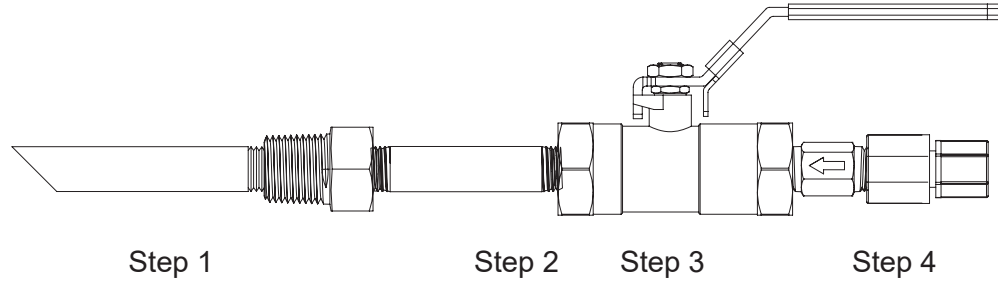
Add **-100** suffix to part # for 100' roll)

<b>R00097</b> PE 1/4" (.25) OD / 1/8" (.125) ID / LDPE	<b>-100</b> 300 PSI / 20.6 bar @ 73°F (22°C)
<b>R00267</b> PE 1/4" (.25) OD / 1/8" (.125) ID / HDPE	<b>-100</b> 400 PSI / 27.5 bar @ 73°F (22°C)
<b>R00122</b> PE 3/8" (.375) OD / 1/4" (.25) ID / LDPE	<b>-100</b> 200 PSI / 13.7 bar @ 73°F (22°C)
<b>R00151</b> PE Blk UV resist 3/8" (.375) OD / 1/4" (.25) ID	<b>-100</b> 200 PSI / 13.7 bar @ 73°F (22°C)
<b>R00167</b> PE Blk UV resist 1/4" (.25) OD / 1/8" (.125) ID	<b>-100</b> 300 PSI / 20.6 bar @ 73°F (22°C)
<b>R00255</b> Clear Vinyl 3/8" (.375) OD / 1/4" (.25) ID	<b>-100</b> Suction / Prime only
<b>R00268</b> PVDF 3/8" (.375) OD / 1/4" (.25) ID	<b>N/A</b> 250 PSI / 17.2 bar @ 73°F (22°C)



# Injection Accessories

## Stainless Steel Quill Assembly



**1/2" SS MNPT (1000 psi)**

**ASQ-** - - - -

**Injection Quill Length** \_\_\_\_\_ **(Step 1)**

- X** = No quill
- 3** = 3" quill (1000 psi)
- 6** = 6" quill (1000 psi)

**Heat Dispersion Length** \_\_\_\_\_ **(Step 2)**

- A** = 3" SS pipe MNPT, 1/4"
- B** = 6" SS pipe MNPT, 1/4"
- C** = 12" SS pipe, MNPT, 1/4"

**Isolation Valve, SS** \_\_\_\_\_ **(Step 3)**

- X** = No valve
- 1** = 1/4" valve 300 psi @ 300°F

**Back Check and Connection** \_\_\_\_\_ **(Step 4)**

- X** = No check
- 1** = PVDF, Teflon, ceramic ball, dual checks, 3/8" tubing, 200°F @ 250 psi
- 2** = PVDF, Teflon, ceramic ball, dual checks, 1/4" tubing or FNPT, 200°F @ 250 psi
- 3** = SS, Teflon, SS ball, single check, 1/4" MNPT, 250°F @ 500 psi
- 4** = SS, Teflon, SS ball, single check, 1/4" tubing compression, 250°F @ 500 psi
- 5** = No check with SS 1/4" tubing compression fitting

- A3J6** 3" Injection Quill 316 SS, 1/2" MNPT out, 1/2" FNPT in
- A6J6** 6" Injection Quill 316 SS, 1/2" MNPT out, 1/2" FNPT in
- ACJC** PVC Corporation Stop Injection Nozzle 3/4" FNPT out, 1/2" FNPT in
- ACJC4** 316 SS Corporation Stop 3/4" MNPT out, 1/2" FNPT in, 100 PSI
- R00325** 1/4" MNPT SS check valve
- CKV-1/2-SS** Check Valve 1/2" 304 SS
- INJ-1** 3/4" Quick Release Injection Tee with 1/2" FNPT for injector
- INJ-11** 1" slip schedule 80 PVC injection tee with quick release injection point 1/2" FNPT
- INJ-11-CPVC** 1" slip CPVC injection tee with 1/2" FNPT port
- INJ-2** 2 Stage Injection Manifold
- INJ-3** 3 Stage Injection Manifold
- INJ-4** 4 Stage Injection Manifold
- INJ-COL** Injection Collar
- SM-7** 7 Stage Static Mixer, 3/4" FNPT union connections
- SM-14** 14 Stage Static Mixer 3/4" FNPT union connections
- SM-14-1** 14 Stage Static Mixer 1" FNPT union connections
- SM-14-1P** 14 Stage Static Mixer 1" FNPT union connections (non-clear)

## Pump Accessories

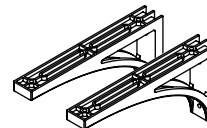
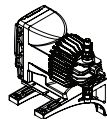
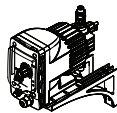
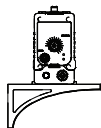
### Agitators

**FMA-1/20-B**

120 VAC, 1/20 HP 2" bung mount mixer, prewired, 36" shaft

**FMA-1/20**

120 VAC, 1/20 HP flange mount mixer, prewired, 36" shaft



### Pump Mounting Accessories

**PUMP-BRACKET** Universal plastic pump mounting bracket kit & hardware

**PMS-02** Plastic Mounting shelf for 2 pumps

**PMS-03** Plastic Mounting shelf for 3 pumps

**PMS-04** Plastic Mounting shelf for 4 pumps

**PMS-05** Plastic Mounting shelf for 5 pumps

### PMS Options

**B** Mounts shelf to 18" tall poly board

**N** No mounting holes

**P1** Pulsafeeder A+ pump pattern

**S** Stainless steel brackets

**U** 1/2" blue poly

### Pump Enclosure

The Advantage PUMP-BOX is an ABS plastic enclosure (14.25" H x 10" W x 7.5" D) with clear lockable cover, pump shelf, power connection, inlet and outlet tubing liquid tights and more.

### PUMP-BOX

#### Options

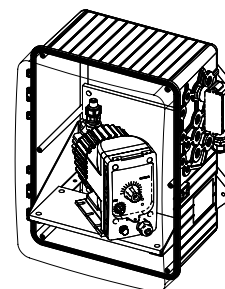
**A** No external male power cord

**B** Black cover

**L** Leak detection sensor assembly

**M** Mount separately ordered pump in box

**M1** Mount customer supplied pump in box



### Polymer Feed Stands

Unit is constructed of corrosion resistant plastic and includes: 3/4" PVC sample stream, inlet valve, flow indicator (1-10 GPM), back check valve, chemical injection point, and static mixer.

**PFS-01** Stand alone single mixer and flow indicator + pump mount area

**PFS-04** Wall mount poly panel with 4 mixers and 2 flow indicators

#### Options

**A** Omit Sample Stream (PFS-01 only)

**B** Antisiphon back pressure valve

**D** 500 cc draw down column

**F** Flow Controller, mounted complete with flow switch in the sample line

**G** Flow Switch only, no controller

**L** Flow indicator for low flow, 0.1 to 1.0 GPM instead of standard 1-10 GPM

**L2** 1" flow assembly with 2-20 GPM (PFS-01 only)

**L3** 3/4" CPVC flow assembly with brass fitting flow indicator (PFS-01 only)

**W** Metal stand for PFS-04

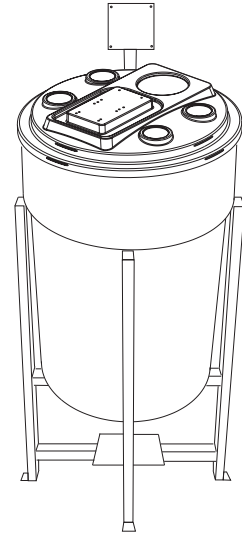
**V** Gate Valve on outlet

# APT Tank Stand Packages

APT polyethylene tank packages provide a rugged pre-packaged chemical feed tank assembly you can customize to your specifications.

The standard models include a powder coated steel frame with pump mounting base, polyethylene tank and rigid heavy duty lid. We can also make custom sizes and configurations.

**Model numbers must include a selection from all sections except Accessories** (example: APT-50-1X-X)



## Model Number

APT- - - -

### Tank Size

- 30** = 34 gallon polyethylene tank with cover
- 50** = 55 gallon polyethylene tank with cover
- 70** = 70 gallon polyethylene tank with cover
- 100** = 100 gallon polyethylene tank with cover

### Piping Assembly

- 1** = One pump piping assembly with bulkhead and shut-off
- 2** = Two pump piping assemblies with bulkhead and shut-off
- 3** = One pump piping assembly, bulkhead with 3" riser
- 4** = One bulkhead, 1" FNPT plugged
- X** = No piping

### Pump Mounting

- P** = Indicates specified pumps to be premounted
- X** = No pumps mounted

### Mixer Mounting

- A** = Indicates specified mixer to be mounted
- B** = 1/20 HP bung mount mixer
- X** = No Agitator

### Accessories

- B** = Mounting bracket for mixer (Needed if option A selected under Mixer Mounting)
- C** = Indicates specified controller to be mounted
- D** = 5" pop out plug in lid
- E** = Add for 2" bung fittings and plugs to lid
- F** = 3/4" PPL fill connection in lid
- R** = Rigid suction wand
- S** = Make-up water solenoid; PVC plumbing 1/2"
- V** = Make-up water plumbing with gate valve 1/2"

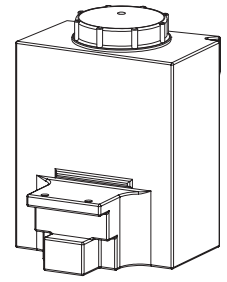
With no agitator or any accessories, model number can stop after the pump mounting selection.

**Note:** The mixer mounting bracket option is not needed if a small (1/20 HP) flange mixer is being used.

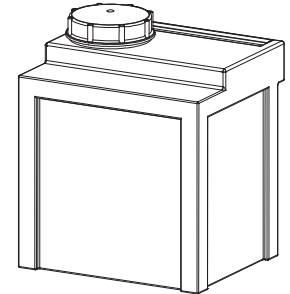
# Polyethylene Tanks

**ATS-5** 5 gallon (18.9 L) polyethylene tank with vented threaded lid and Advantage Controls pump mounting shelf.

**ATS-10** 10 gallon (37.8 L) polyethylene tank with vented threaded lid pump mounts to top with option P1



ATS-5



ATS-10

## Options for ATS tanks

- B1** Bulkhead fitting for 3/8" tubing mounted
- B2** Bulkhead fitting for 1/4" tubing mounted
- C** Controller mounting bracket instead of pump on tank front
- D1** Bulkhead fitting with shut-off valve for 3/8" tubing
- D2** Bulkhead fitting with shut-off valve for 1/4" tubing
- F** Flat top with 2" bung
- L** 2" bung for level wand
- M** Premount pump (ordered separate)
- P** Non Advantage pump adapter for ATS-5
- P1** Pump mounting plate for ATS-10 (mount pump on top of tank)
- S** Drain valve 1/4" NPT
- T** Pump priming tube return fitting for 3/8" tubing
- V** 1/4" solenoid valve with Y-strainer prewired, 8' cord
- W** Stainless steel wall mounting bracket for tank

## APCT Tanks - Single Wall

**APCT-35** 34 gallon (128.7 L) single tank with lid

**APCT-40** 40 gallon (151.4 L) single tank with lid

**APCT-55** 58 gallon (219.5 L) single tank with lid

**APCT-70** 70 gallon (264.9 L) single tank with lid

## DCT Tanks- Double Containment Tank Packages

**DCT-30** 34 gallon inner with 40 gallon containment tank and lid

**DCT-55** 58 gallon inner with 70 gallon containment tank and lid



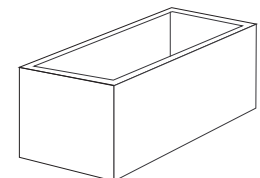
## Options for APCT and DCT Tanks

- B** Bulkhead fitting mounted into a single tank
- C** 2" FNPT lid accessory mounting points. Order using C Followed by the lid placement number(s) to indicate positions.
- D** 5" pop-out plug for pouring in through lid
- F** 3/4" PPL fill connection installed in lid
- F1** 1" PPL fill connection installed in lid
- L** Level indicator
- M** Mixer 1/20 HP (flange mount)
- M1** Mixer 1/20 HP (bung mount)
- P** Non Advantage pump mounting adapter
- R** Rigid suction tube
- S** Suction tube hole(s) predrilled. Order using S followed by the lid placement number(s) to indicate positions; i.e. S1 or S23.
- U** Ship tank assembled and individually packaged
- W** Level wand with float switch

## ACT Open Top Rectangle Containment Tanks

**ACT-25** 38" (96.5 cm) L x 15" (38.1 cm) W x 12.5" (31.75 cm) H tank

**ACT-27** 24" (60.9 cm) L x 24" (60.9 cm) W x 12" (30.4 cm) H tank



# Tank Accessories and Parts

## Tank Level Wands

<b>ALL-S12</b>	Level Wand adjustable to 12" (30.4 cm) with switch contacts 28 VDC 50 mA
<b>ALL-S20</b>	Level Wand adjustable to 20" (50.8 cm) with switch contacts 28 VDC 50 mA
<b>ALL-S30</b>	Level Wand adjustable to 30" (76.2 cm) with switch contacts 28 VDC 50 mA
<b>ALL-S36</b>	Level Wand adjustable to 36" (91.4 cm) with switch contacts 28 VDC 50 mA
<b>ALL-S42</b>	Level Wand adjustable to 42" (106.6 cm) with switch contacts 28 VDC 50 mA
<b>ALL-S48</b>	Level Wand adjustable to 48" (121.9cm) with switch contacts 28 VDC 50 mA
<b>ALL-S60</b>	Level Wand adjustable to 60" (152.4 cm) with switch contacts 28 VDC 50 mA

## Options

<b>C</b>	Prewire level wand to separately ordered controller or pump
<b>D</b>	Wand made of ¼" PVC pipe with second liquid tight for suction tubing

## Rigid Suction Assemblies

<b>RSA-KFC1-14</b>	14" (35.5 cm)	⅜" tubing
<b>RSA-KFC1-16</b>	16" (40.6 cm)	⅜" tubing
<b>RSA-KFC1-24</b>	24" (60.9 cm)	⅜" tubing
<b>RSA-KFC1-36</b>	36" (91.4 cm)	⅜" tubing
<b>RSA-KFC1-40</b>	40" (101.6 cm)	⅜" tubing
<b>RSA-KFC1-48</b>	48" (121.9 cm)	⅜" tubing
<b>RSA-KFC2-16</b>	16" (40.6 cm)	¼" tubing
<b>RSA-KFC2-36</b>	36" (91.4 cm)	¼" tubing
<b>RSA-KFC2-40</b>	40" (101.6 cm)	¼" tubing
<b>RSA-KFC2-48</b>	48" (121.9 cm)	¼" tubing

\*Note: Remove tubing connector from any model for ¼" MNPT connector.

<b>Option A</b>	Replaces 2" male bung fitting with ¾" MNPT fitting
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## Tank Parts

<b>1A2A000110</b>	Red cap plug for DCT & APCT tanks
<b>ALL-SD-21</b>	Dual float level wand for ATS-10 with 15' cable and water-tight connector
<b>APT-RISER</b>	3" rider fitting for APT tanks with riser option
<b>ATS-HANDLE</b>	19" X 7" poly panel attached to ATS wall bracket for carrying
<b>ATS-LID</b>	Lid for ATS-5 Tank
<b>CT-40</b>	40 gallon outer tank for DCT-30
<b>CT-55</b>	55 gallon tank only / no lid
<b>CT-70</b>	70 gallon outer tank for DCT-55
<b>DRAIN</b>	¼" NPT PVC drain valve on tanks
<b>INJ-KFX1</b>	½" MNPT bulkhead fitting for ATS tanks, ⅜" tubing
<b>INJ-KFX2</b>	½" MNPT bulkhead fitting for ATS tanks, ¼" tubing
<b>LI-30</b>	Level indicator for APCT-35 and -40 or DCT-30 tank
<b>LI-55</b>	Level indicator for APCT-55, 70 or DCT-55 tanks
<b>LID-30</b>	Lid only for DCT-30 and APCT-35 and -40
<b>LID-55</b>	Lid only for DCT-55, APCT-55 and APCT-70
<b>NAPB-DCT</b>	Non-Advantage pump board for APCT and DCT tanks
<b>NAPB-ATS</b>	Non-Advantage pump board for ATS-5 tanks
<b>NAPB-ATS-HDWE</b>	Pump mounting hardware for ATS-5 tanks
<b>R00223</b>	SS wall mounting bracket for ATS-5 tank
<b>R00227</b>	Shut-off / Drain valve for ATS-5 tank
<b>R00339</b>	SS wall mounting bracket for ATS-10 tank

## EchoPod Drum Sensors

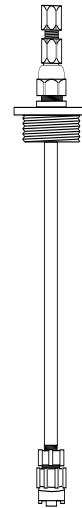
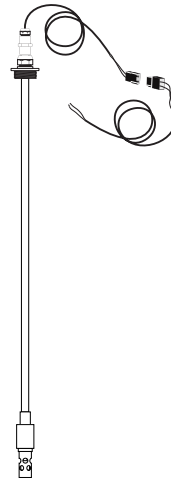
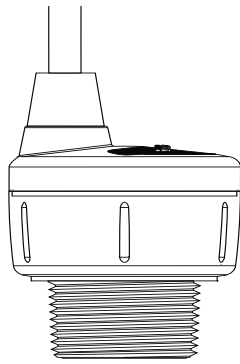
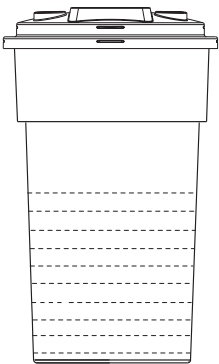
<b>DL 10-45-K</b>	Pre-Calibrated to a 45" (114.3 cm) tall drum
<b>DL 10-40-K</b>	Pre-Calibrated to a 40" (101.6 cm) tall drum
<b>DL 10-35-K</b>	Pre-Calibrated to a 35" (88.9 cm) tall drum
<b>DL 10-30-K</b>	Pre-Calibrated to a 30" (76.2 cm) tall drum
<b>DL 10-25-K</b>	Pre-Calibrated to a 25" (63.5 cm) tall drum
<b>DL 10-00-K</b>	No pre-calibration 0-49"
<b>DL 24-00-K</b>	No pre-calibration 0-9.8'

### EchoPod Parts

<b>L199-2001</b>	USB fob for programming
<b>2C4A000116</b>	Replacement 2" to 1" reducer bushing (new sensor includes one)
<b>CABLE-FOB-7P</b>	Cable to connect DL10/24's with K option to programming fob
<b>PSDC-24-Q</b>	90-254 VAC to 24 VDC power supply with USA cord (powers 1-4 Echopods)

### Popular Tank Accessories for Advantage tanks

Tank Size	EchoPod	Level Wand	Rigid Suction Assembly
35 gal.	DL 10-35-K	ALL-S36	RSA-KFCI-36
40 gal.	DL 10-35-K	ALL-S36	RSA-KFCI-36
55 gal.	DL 10-45-K	ALL-S42	RSA-KFCI-48
70 gal.	DL 10-45-K	ALL-S42	RSA-KFCI-48



## **Repair Options**

Advantage keeps pump repair simple with a flat fee that includes a new head kit assembly (no tubing, foot or injection fitting). Prices below are for Kynar heads and Teflon seats, add prices shown on page 5 for other head and fitting material options.

Series A Pumps  
Series B Pumps  
Series C Pumps  
Series L Pumps  
Series M Pumps  
Series N Pumps  
Series R Pumps

## **Manufacturer's Product Warranty**

Advantage Controls warrants controller and metering pumps of its manufacture to be free of defects in material or workmanship. Liability under this policy extends for 24 months from date of installation. Warranty coverage of parts, accessories, plumbing, sensors, and any item not manufactured by Advantage Controls is limited to 12 months. Liability is limited to repair or replacement of any failed equipment or part proven defective in material or workmanship upon manufacturer's examination. Removal and installation costs are not included under this warranty. Manufacturer's liability shall never exceed the selling price of equipment or part in question.

Advantage disclaims all liability for damage caused by its products by improper installation, maintenance, use or attempts to operate products beyond their intended functionality, intentionally or otherwise, or any unauthorized repair. Advantage is not responsible for damages, injuries or expense incurred through the use of its products.

The above warranty is in lieu of other warranties, either expressed or implied. No agent of ours is authorized to provide any warranty other than the above.

## **30 Day Billing Memo Policy**

Advantage Controls maintains a unique factory exchange program for customers to ensure uninterrupted service with minimum downtime. If your MicroTron or MicroLinx pump malfunctions, call 1-918-686-6211 and provide our technician with Model and Serial Number information while in front of the unit. If they are unable to diagnose and solve your problem over the phone, a replacement unit or part can be shipped on a 30-Day Billing Memo. This service requires a purchase order and/or credit card to charge, and the replacement unit is billed to your regular account for payment.

The replacement item will be billed at current list price for that model less any applicable resale discount. Upon return of your old unit, credit will be issued to your account if the unit is in warranty. If the unit is out of warranty or the damage not covered, a partial credit will be applied based upon a prorated replacement price schedule dependent on the age of the unit. Any exchange covers only the controller or pump and exchanged items are covered by the original warranty or 12 months from date exchange (whichever is longer). Electrodes and other parts and accessories are not included in any warranty period.

# Get the Advantage in Water Treatment Equipment

Advantage Controls can give you the *Advantage* in products, knowledge and support on all of your water treatment equipment needs.

- Cooling Tower Controllers
- Boiler Blow Down Controllers
- Blow Down Valve Packages
- Bleed Valves
- Water Meters
- Metering Pumps
- Corrosion Coupon Racks
- Solution Tanks
- Solid Feed Systems
- Bypass Feeders
- Filter Equipment
- Glycol Feed Systems
- Pre-Fabricated Systems

