

# HAND PUMPS

Compatible with, but not limited to

ANTI-FREEZE

METHANOL

WATER BASED FLUIDS

WIND-SHIELD WASHER FLUID

## Two and Three Vane Rotary Style

### Two Vane Rotary



1014



1014R



10240

### Features for All Two Vane Rotary Pumps:

- Dispenses 1-gal per 16 revolutions
- Lightweight and corrosion resistant
- Spout- 1" hose barb
- Outlet: 3/4" BSP
- Inlet: 1" BSP
- 1 1/4" O.D. pickup tube

### Optional Accessory

- 46" Polyethylene ribbed hose (10213)



10213



(10211)

See chart below.

Model	Construction	Vanes	Seals	Gaskets	Recommended For (See Pg. 102 for our Chemical Resistance Chart)
1014	Polypropylene	PPS	PTFE	Polyethylene	Petroleum products, water-based chemicals, and chlorinated solvents
1014R	PPS	PPS	FKM	PTFE	Aggressive chemicals, chlorinated solvents, aromatic and aliphatic hydrocarbons
10211	Polypropylene	PPS	FKM	Polyethylene	DEF, petroleum products, water-based chemicals, and chlorinated solvents
10240	HDPE	PTFE	FKM	Polyethylene	Bleach, chlorine, and other chemicals compatible with HDPE
10255	Polypropylene	PTFE	PTFE	Polyethylene	Alcohols, petroleum products, water-based chemicals, and chlorinated solvents
10256	PPS	PTFE	PTFE	PTFE	Alcohols, chlorinated solvents, aromatic and aliphatic hydrocarbons

### Three Vane Rotary



10231

- Dispenses 1-gal per 10 revolutions
- PPS construction
- Lightweight and corrosion resistant
- Spout- 1" hose barb
- PTFE vanes
- PTFE seals
- Recommended for pumping aggressive chemicals including chlorinated solvents, aromatic and aliphatic hydrocarbons, etc.

Three vane rotary pumps provide smoother operation and a higher flow rate compared to standard two vane rotary pumps.

### Disassembled Pump



CHEMICAL

**RATINGS-CHEMICAL EFFECT**

- No Effect-Excellent
- Minor to Moderate Effect-Fair
- Severe Effect-NOT Recommended

**CHEMICAL PUMPS**

CHEMICAL NAME	LIFT										ROTARY										
	360	363	365	366T	387	10044	10050	10080	10110	10120	10130	1014	1014R	10210	10211	10231	10240	10250	10255	10256	11219
ACTALDEHYDE																					
ACETIC ACID: > 20%																					
ACETIC ANHYDRIDE																					
ACETONE																					
ALCOHOL: AMYL																					
ALCOHOL: BENZYL																					
ALCOHOL: BUTYL																					
ALCOHOL: DIACETONE																					
ALCOHOL: ETHYL																					
ALCOHOL: HEXYL																					
ALCOHOL: ISOBUTYL																					
ALCOHOL: ISOPROPYL																					
ALCOHOL: METHYL																					
ALCOHOL: PROPYL																					
AMMONIA: > 10%																					
AMMONIA, ANHYDROUS																					
AMMONIA, LIQUID																					
AMMONIUM HYDROXIDE																					
ANTI-FREEZE																					
BENZENE																					
BENZOIC ACID																					
BLEACH																					
BORIC ACID																					
CALCIUM CHLORIDE (30% IN WATER)																					
CALCIUM HYPOCHLORITE																					
CALCIUM SULFATE																					
CITRIC ACID																					
COPPER CHLORIDE																					
COPPER SULFATE: > 5%																					
DETERGENTS																					
DIESEL FUEL																					
ETHYL ACETATE																					
ETHYLENE GLYCOL																					
FORMIC ACID																					
FUEL OILS																					
GASOLINE (NOT UL LISTED)																					
GLYCERIN																					
HEPTANE (BRAKE CLEANER)																					
HYDROCHLORIC ACID: > 37%																					
HYDROCHLORIC ACID: > 50%																					
HYDROGEN PEROXIDE: > 30%																					
JET FUEL (JP3: JP4: JP5)																					
KEROSENE																					
LACQUERS																					
LACQUER THINNERS																					
LACTIC ACID																					
METHYL ETHYL KETONE (MEK)																					
MINERAL SPIRITS																					
NAPHTHA																					
NITRIC ACID: > 20%																					
OXALIC ACID (COLD)																					
PHOSPHORIC ACID: > 40%																					
PHOTOGRAPHIC (DEVELOPER)																					
POTASSIUM CHLORIDE																					
POTASSIUM HYDROXIDE																					
PROPYLENE GLYCOL																					
SILICONE																					
SODIUM BICARBONATE																					
SODIUM CHLORIDE																					
SODIUM HYDROXIDE: > 50%																					
SODIUM HYPOCHLORITE: < 20%																					
SODIUM NITRATE																					
SODIUM SULFATE																					
STODDARD SOLVENT																					
SULFURIC ACID: > 75%																					
TOLUENE, TOLUOL																					
TRICHLOROETHANE																					
TRICHLOROETHYLENE																					
TURPENTINE																					
UREA/DEF																					
XYLENE																					

**WARNING!** This chart is intended as a guide to aid in the pump selection process. The information contained herein has been prepared from the best available data. However, the chemical composition of the fluid being pumped may vary from the information listed in this chart. It is the user's responsibility to verify the compatibility of the pump with the fluid being pumped. For specific applications, if you need help selecting a pump, please call 800-251-1925.

**Only pumps used for chemicals listed with a rating of "Excellent" will be covered under warranty.**

Part No.	UPC No.
6204	0 1595446024 4
6215	0 1595446215 6
6401	0 1595446401 3
6403	0 1595446403 7
6404	0 1595446404 4
6405	0 1595446405 1
6520	0 1595446520 1
6601	0 1595446601 7
6611	0 1595446611 6
6612	0 1595446612 3
6613	0 1595446613 0
6614	0 1595446614 7
7000	0 1595446815 8
7019	0 1595447001 7
7020	0 1595432011 1
9008	0 1595432025 8
9115	0 1595449115 6
9810	0 1595449810 0
9825	0 1595449825 4
10010	0 1595460010 7
10020	0 1595460020 6
10044	0 1595460040 4
10050	0 1595460050 3
10080	0 1595460080 0
10110	0 1595460110 4
10120	0 1595460120 3
10130	0 1595460130 2
10190	0 1595460190 6
10193	0 1595460193 7
10210	0 1595460210 1
10211	0 1595460211 8
10231	0 1595460231 6
10240	0 1595460240 8
10250	0 1595460250 7

Part No.	UPC No.
10255	0 1595460255 2
10256	0 1595460256 9
10265	0 1595460265 1
10266	0 1595460266 8
10267	0 1595460267 5
11219	0 1595461219 3
15441	0 1595402544 3
18573	0 1595408573 7
28623	0 1595431506 3
28625	0 1595431507 0
47721	0 1595447721 1
47722	0 1595447722 8
47724	0 1595447724 2
47725	0 1595447725 9
66590	0 1595446590 4
75000	0 1595454659 0
75100	0 1595405100 8
103501	0 1595441046 1
104001	0 1595441047 8
107012	0 1595407012 2
107014	0 1595407014 6
107016	0 1595407016 0
230000	0 1595407026 9
075BAV	0 1595432028 9
08DEF750	0 1595440979 3
1000R	0 1595310006 9
10039-1P	0 1595450039 1
1006H	0 1595401005 0
1006HFM	0 1595401004 3
1007H	0 1595401008 1
1014R	0 1595401015 9
10191G	0 1595432008 1
10231TK	0 1595460232 3
1035K	0 1595441036 2

Part No.	UPC No.
1035K2	0 1595431504 9
1035M	0 1595441034 8
1035SP	0 1595441031 7
104006G	0 1595431508 7
1040K	0 1595441039 3
1040SS	0 1595441045 4
1040UL	0 1595441041 6
105-S	0 1595430106 6
108-5110	0 1595445110 5
11SP	0 1595420011 6
1209RAR	0 1595401229 0
120-S	0 1595430121 9
1212A	0 1595441229 8
1212R	0 1595441234 2
1213A	0 1595441223 6
1213R	0 1595441226 7
1214A	0 1595441224 3
1220R	0 1595441232 8
12G	0 1595410111 6
12R	0 1595410112 3
12R-1	0 1595410114 7
12R-SP	0 1595420013 0
130-S	0 1595430131 8
1315A	0 1595441316 5
135WC	0 1595430132 5
138-S	0 1595430138 7
13R	0 1595410113 0
140-S	0 1595430140 0
140-SOR	0 1595430141 7
1440R	0 1595441490 2
1444R	0 1595441494 0
1448R	0 1595441498 8
1456R	0 1595441496 4
1458NS	0 1595442458 1