

# DIAPHRAGM PUMPS

## Poly Diaphragm Pumps

- Polypropylene and 316 stainless steel components offer chemical compatibility with even the most aggressive chemicals
- Self-lubricating cast iron piston sleeves provide unique “oil-thrust pad design
- Economical and trouble free piston service with bronze connecting rods and resistant elastomer diaphragms held with 316 stainless steel washer and diaphragm bolt
- Aluminum die-cast core inside poly structure offers superior strength
- Long life with reduced piston stroke
- Heads, diaphragms, and other associated components are interchangeable across poly pump line



DP193

### CDS-John Blue Poly Diaphragm Pumps

Model Part No.	Max Flow	No. Diaphragms	Max PSI	Max RPM
DP-193-PP	19.8	3	218	550
DP-282-P	28.2	3	218	550
DP-332-P	33.3	3	218	550
DP-448-P	44.9	4	218	550
DP-555-P	55.5	4	218	550
DP-602.5-P	67.1	4	218	550



DP282

## Medium & High Pressure Diaphragm Pumps

- Medium pressure diaphragm pumps from 4.3 to 18.5 GPM and 0 to 580 PSI
- High pressure diaphragm pumps from 23 to 39.2 GPM and 0 to 725 PSI
- Improved piston seal with two piston rings per piston to keep film and oil between piston and diaphragm
- Check valve, 316 stainless steel and polypropylene construction, ensures spherical shaped poppet and conical seat
- Internal pulsation dam on high pressure diaphragm absorbs pressure on all circuits resulting in a smoother flow of product
- Two piston diaphragm pump is ideal for gardening, smaller sprayers, and liquid transfer
- Three piston diaphragm pumps ensures smoother, quieter operation



DP43

### CDS-John Blue Diaphragm Pumps

#### Medium-Pressure Pumps

Model	Max Flow	No. Diaphragms	Max PSI	Max RPM	Unit Weight (lbs)	Power HP	Suction Hose	Discharge Hose
DP-43	4.3	2	290	550	12.32	1.2	3/4"	1/2" NPT
DP-74	7.4	3	580	550	16	2.5	1"	1/2" NPT
DP-139	13.9	3	580	550	5.6	30.8	1 1/4"	1/2" NPT
DP-185	18.5	3	580	550	7.4	33	1 1/4"	3/4" NPT

#### High-Pressure Pumps

Model	Max Flow	No. Diaphragms	Max PSI	Max RPM	Unit Weight (lbs)	Power HP	Suction Hose	Discharge Hose
DP-230	23	3	580	550	55.6	11.6	1 1/4"	3/4" NPT
DP-392	39.2	4	725	550	105	20.1	1 1/2"	3/4" NPT

