

Economy Pumping Machinery Co.

3431 West 48th Place, Chicago, Ill.

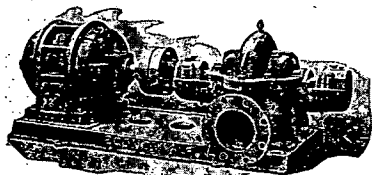
District Sales Offices

BALTIMORE, MD. W. I. Collier & Co., 522 Park Ave.
CINCINNATI, O. Geist & Murphy, 309 Main St.
CLEVELAND, OH. Tomlinson-MacLachlan, 1601 St. Clair Ave.
DALLAS, TEX. Smith & Whitney, 2017 Cedar Springs Rd.
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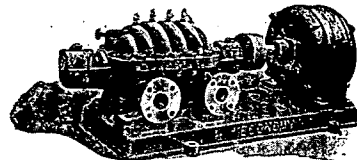
CANADA—CRANE COMPANY—ALL BRANCHES

Economy Pumps

Pumps for Clear Liquids



Single Stage



Multi-Stage

These pumps are widely used for water supply, boiler feeding, hot water circulation, swimming pool circulation, air washer supply, municipal water works, etc.

The sturdy mechanical design and high efficiency of Economy Pumps makes them particularly suited for heavy mill and power plant service (The efficiencies exceed 80 per cent in the larger capacities

and are correspondingly high in the smaller sizes).

The low pressure pumps are of the high efficiency single stage, design, as described in Bulletin No. 408. High pressure pumps have many unusual features. They are built for high efficiencies and long life. See Bulletins No. 414 and 415 for description and complete capacity Tables.

CONDENSED SELECTION TABLE—PUMPS FOR CLEAR LIQUIDS

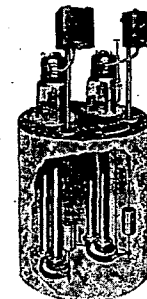
Capacity Gal. per Min.	Total Head in Ft.	Size Disch. and Type of Pump	Motor Hp.	Number of Stages	Approx. Floor Space In.	Capacity Gal. per Min.	Total Head in Ft.	Size Disch. and Type of Pump	Motor Hp.	Number of Stages	Approx. Floor Space In.
10	20	1" SS	1/4	1	12x22	400	20	4" DS	3	1	23x54
10	45	1 1/2" SS	3/4	1	16x30	400	70	4" DS	10	1	23x54
20	70	1 1/2" MS	1	2	20x38	400	100	4" DS	15	1	23x56
20	160	1 1/2" MS	3	4	20x55	400	150	3" DS	25	1	26x62
20	375	1 1/2" MS	7 1/2	3	20x48	400	200	3" DS	40	1	30x68
50	20	1 1/2" SS	1/2	1	16x30	800	20	6" DS	7 1/2	1	28x60
50	70	1 1/2" SS	2	1	19x34	800	40	6" DS	10	1	28x60
50	200	1 1/2" MS	5	6	20x60	800	70	5" DS	20	1	25x58
50	400	1 1/2" MS	15	6	24x64	800	110	6" DS	30	1	28x66
100	30	2" DS	1 1/2	1	22x46	800	160	4" DS	50	1	25x73
100	100	2" DS	5	1	22x51	800	200	5" DS	75	1	32x81
100	200	1 1/2" DS	10	1	24x44	1200	30	6" DS	15	1	34x70
100	425	2 1/2" MS	20	7	24x70	1200	60	6" DS	25	1	34x75
160	20	2 1/2" DS	2	1	20x48	1200	100	6" DS	40	1	34x75
160	60	2 1/2" DS	5	1	20x53	1200	200	5" DS	100	1	32x86
160	100	2 1/2" DS	7 1/2	1	20x55	2000	30	8" DS	25	1	40x82
160	200	1 1/2" DS	15	1	24x47	2000	60	8" DS	50	1	40x85
160	375	2 1/2" MS	25	8	24x73	2000	130	8" DS	100	1	42x106
160	500	3" MS	40	6	34x87	2000	170	8" DS	125	1	48x112
160	750	3" MS	60	8	34x97	2000	200	8" DS	150	1	48x112

DS—Indicates Double Suction Single Stage. SS—Indicates Single Suction Single Stage. MS—Indicates Multi-Stage. The above is only a partial list of sizes. Complete engineering information is contained in Catalogs.

Sump Pumps



Single



Duplex

Economy Sump Pumps and Sewage Ejectors are made in all capacities from 5 G.P.M. to 7500 G.P.M., both in clear water design and in non-clogging design. The smaller sizes are extensively used for sub-basement drainage in buildings—the larger sizes for drainage of sub-divisions, highway grade crossings and similar engineering projects.

The Non-Clogging Pumps handle sewage, rags, stones, etc., which are encountered in unscreened sewage.

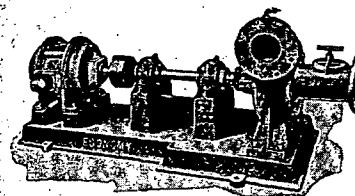
See Bulletins No. 407, and 413 for the submerged design and Bulletin No. 412 for the dry chamber design.

CONDENSED CAPACITY TABLE—SUMP PUMPS

Capacity Gallons per Minute Each Pump	Pump Size	Size of Solids Which Pump will Handle	Minimum Recommended Sump Diameter, Inches		Size of Motors Required for Various Heads				Motor Speeds
			Single Pump	Duplex Pump	15 Feet	25 Feet	35 Feet	50 Feet	
15	1"		18	30	1/4	1/4	3/4	1	1750'
50	1 1/2"		30	42	1/2	1/2	1 1/2	2	1150-1750
100	3"	2 1/4"	42	48	1 1/2	2	3	5	850-1150
150	3"	2 1/4"	48	54	1 1/2	2	3	7 1/2	850-1150
200	4"	2 1/2"	48	60	2	3	5	10	850-1150
300	4"	2 1/2"	54	72	3	5	5	10	850-1150
500	4"-6"	2 1/2"-3 3/4"	60	72	5	7 1/2	10	15	850-1150
1000	6"	3 3/4"	72	96	7 1/2	10	15	20	570-1150
2000	8"	5"	96	120	15	20	30	50	570-850
3000	10"	7"	120	180	20	30	50	60	490-850

The above table is condensed from over 600 ratings which are shown in the Economy Catalog.

Non-Clogging Centrifugal Pumps



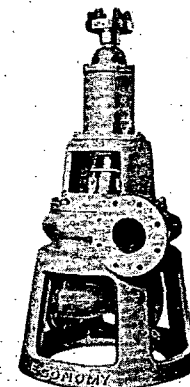
Horizontal

These pumps are widely used for pumping raw sewage, industrial waste, paper pulp, wood pulp, etc. They are also used in municipal sewage stations and in place of conveyors in industrial plants. Capacities range up to 20,000 G.P.M.

The illustrations show only the pumps, but we are in a position to furnish complete sewage pumping equipment, consisting of tanks, valves, fittings, piping, electric motors, automatic control, etc., all factory assembled and ready for erection.

Our Engineering Department will be pleased to submit layout sketches of such equipment, whether for buildings, industrial establishments or municipalities.

Economy Non-Clogging Pumps have several important patented features which makes for longer life and lower maintenance cost.



Vertical Open Shaft

CONDENSED CAPACITY TABLE—NON-CLOGGING PUMPS

Capacity Gallons per Minute	Pump Size	Size of Solids Which Pump will Handle	Size of Motors Required for Various Heads					Revolutions per Minute	Floor Space Horizontal Pumps, Inches
			15 Feet	25 Feet	35 Feet	50 Feet	75 Feet		
150	4"	2 1/2"	1 1/2	2	3	7 1/2	10	850-1750	27x67
300	4"	2 1/2"	3	5	10	15	25	850-1750	27x71
500	4"-6"	2 1/2"-3 3/4"	5	7 1/2	10	15	25	850-1750	32x75
750	6"	3 3/4"	7 1/2	10	15	20	25	670-1150	32x76
1000	6"	3 3/4"	10	15	20	25	40	570-1150	32x85
1500	8"	5"	10	20	25	40	50	570-1150	36x98
2500	8"-10"	5"-7"	20	30	40	60	75	490-850	40x105
4000	12"	9"	25	40	60	75	125	275-850	40x120

Complete tables of dimensions and capacities will be sent upon request.