

“AUTOMATIC” WATER EJECTOR – CHALMERS PATTERN

(Hand Operated Unit Available)

USES:

Draining Cellars, excavation etc., using water propulsion



SIZES:

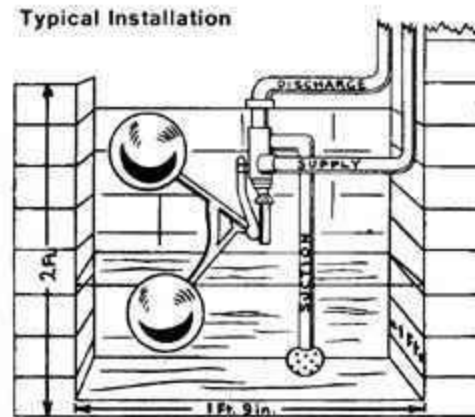
3/4" and 1 1/4" (20 & 32mm)

CONSTRUCTION:

Bronze body and Brass, Copper Floats

FIXING INSTRUCTIONS:

Size of the well required is 1'9" wide and 2' deep. If firmly fitted with iron pipes, other support is not normally required. Do not fix the Ejector lower down than is necessary; every foot lower may mean much extra drainage and also greater proportionate



cost to elevate. Stop cocks are not normally required but may be used for convenience in fixing and regular service. Keep the well clear of refuse as owing to the strong suction in this Ejector, perforations are liable to become clogged with paper, refuse, etc. It is necessary to unscrew and clean out the suction pipe and strainer at regular intervals are required.

NOTE:

When correctly installed and adjusted the injector gives good service under normal conditions. It should be tested through several cycles after installation to ensure correct operation and should be inspected at regular intervals. It should not be installed in an unattended location where failure of operation might result in unacceptable accumulation of water.

Capacities								
Model	Working Pressure		Height of Discharge		Consumption of Water per Minute		Total Amount of Discharge Per Minute	
	P.S.I	kpa	Feet	Metres	Gallons	Litres	Gallons	Litres
3/4" (20mm)	25	172	10	3	1/2	2.3	1	4.6
	50	345	10	3	1	4.6	3	13.6
	50	345	20	6.1	1	4.6	2	9.1
	75	517	10	3	1 1/4	5.7	5	22.7
	75	517	20	6.1	1 1/4	5.7	3 1/4	14.8
	75	517	30	9.1	1 1/4	5.7	2 1/4	10.2
	100	689	10	3	2	9.1	10	45
	100	689	25	7.6	2	9.1	7	31.8
	100	689	40	12.2	2	9.1	4	18.2
1 1/4" (32mm)	25	172	5	1.5	3 1/4	14.6	8 3/4	39.7
	25	172	10	3	3 1/4	13.6	7	31.8
	50	345	10	3	4 1/4	19.2	11	50
	50	345	15	4.6	4 1/4	19.2	8	36.5
	70	482	10	3	4 3/4	21.5	14 1/4	65
	70	482	20	6.1	4 1/2	20.4	9 1/4	42