

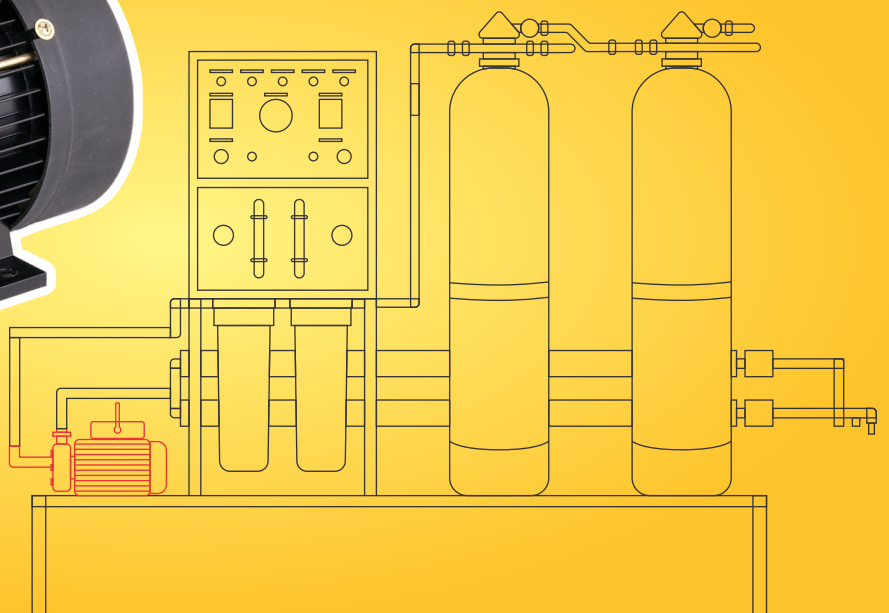


C.R.I. PUMPS
Pumping trust... Worldwide.

HIGH-PRESSURE R.O. PUMPS



ClaR



FEATURES



Upto 9 Bar
working
pressure



Specially
designed for
RO application



Heavy type seal
is used for high
withstanding
capacity



Low noise &
low vibration
level



Inbuilt thermal
overload
protector

C.R.I. PUMPS • PIPES • WIRES & CABLES • SOLAR

C.R.I. HIGH-PRESSURE SELF PRIMING R.O. PUMPS



DESCRIPTION

C.R.I.'s ClaRO - Self Priming Pumps are specially designed to deliver high pressure water in R.O. application. These pumps are powered by a Totally Enclosed Fan Cooled, A.C. induction motor which is suitable for continuous duty. Motor stator is made of low watt loss steel laminations assembled under pressure and rigidly locked in the frame. Dynamically balanced rotor ensures vibration and noise free operations. The windings are made of enamelled copper wire offers excellent resistance. The specially designed unique type mechanical seal is used to withstand in high TDS water applications.

SPECIFICATIONS

Power Range	: 0.37 kW & 0.75 kW (0.5 HP & 1 HP)
Head Range	: 10 Mtrs to 90 Mtrs
Flow Range	: 5 LPM to 37 LPM
Version	: Single Phase, 220V, 50Hz, A.C. Supply
Max. Working Pressure	: 9 bar
Insulation Class	: B
Degree of Protection	: IP 44
Pipe Size	: 15mm x 15 mm

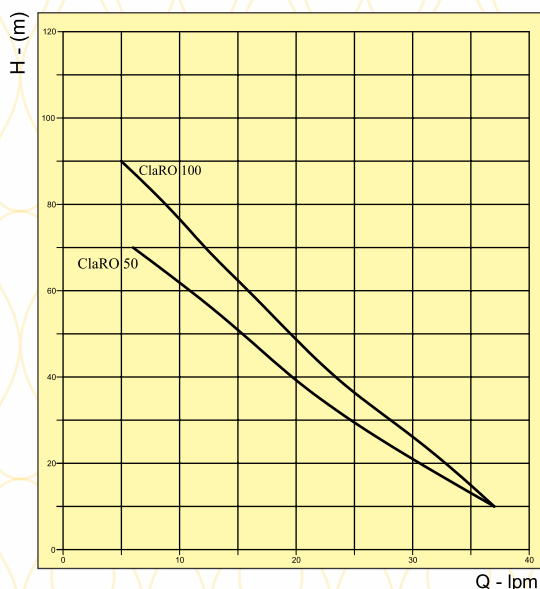
APPLICATIONS

- Water Treatment Plant
- Pressure Boosting Systems
- Residential & Gardening
- Hot & Cold Water Circulation

MATERIAL OF CONSTRUCTION

Motor Frame	: Aluminum
Front & Back Cover	: CI
Mechanical Seal	: Carbon vs Ceramic
Impeller	: Brass
Shaft	: SS410

PERFORMANCE CURVE



PERFORMANCE CHART

2880 RPM, SINGLE PHASE - 220 VOLTAGE, 50 HZ, A.C. SUPPLY

MODEL	kW	HP	SUCTION x DELIVERY IN MM	TOTAL HEAD IN METER								
				10	20	30	40	50	60	70	80	90
				DISCHARGE IN LPM								
ClaRO 50	0.37	0.5	15x15	35	30.5	24.5	19.5	15.5	11	6		
ClaRO 100	0.75	1.0	15x15	37	33	28.2	23	20.5	16	12	9	5