



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

## HIGH-PRESSURE R.O. PUMPS



### FEATURES



Upto 13 Bar  
working  
pressure



Best suitable for  
250 to 1000 Liter  
plant



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 R.O. PUMPS



## DESCRIPTION

C.R.I.'s ClaRO Series 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 - 1.1 kW (0.5 HP - 1.5 HP)
Head Range	: 10 Mtrs to 130 Mtrs
Flow Range	: 5 LPM to 54 LPM
Version	: Single Phase, 230V, 50Hz, A.C. Supply
Max. Working Pressure	: 13 bar
Insulation Class	: B
Degree of Protection	: IP 44
Pipe Size	: 15 x 15 mm and 25 x 25mm

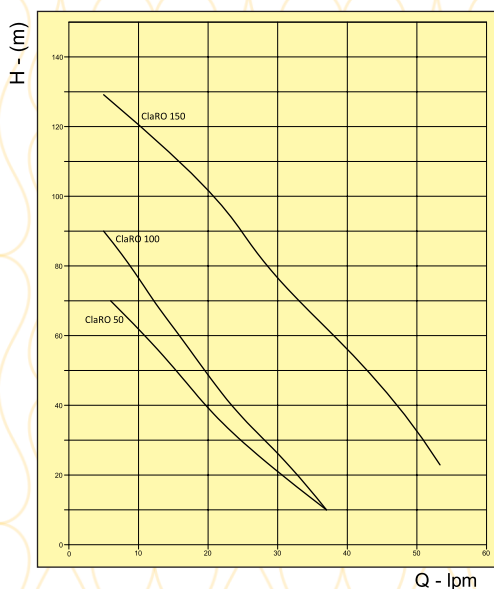
## APPLICATIONS

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

## MATERIAL OF CONSTRUCTION

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

## PERFORMANCE CURVE



2880 RPM, SINGLE PHASE - 230 VOLTAGE , 50 HZ, A.C. SUPPLY

PERFORMANCE CHART				2880 RPM, SINGLE PHASE - 230 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	100	110	120	130
				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				
ClaRO 150	1.1	1.5	25x25	54	53	50	48	42	38	32	28	23	21	13	9.5	5.5

In view of continuous developments, the information / performance / description / specifications / illustrations mentioned in this catalogue are subjected to change without notice, A&R / ClaRO Flyer / Feb' 24.