

JCR

**stainless steel "Shallow Well"
self priming jet pump**

**Perfect combination
Alluminium and Stainless
Steel for aggressive
environment.
Perfect Pump for Quality
Water Treatment
Equipments.**



RANGE OF PERFORMANCE

Capacity up to 22 gpm
Head up to psi

LIMITS OF USE

Manometric suction lift up to 29 ft
Liquid temperature up to + 104°F
Environment temperature up to + 104°F

CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1
IEC 335-1
CEI 61-150

EN 60034-1
IEC 34-1
CEI 2-3



INSTALLATION AND USE

They are recommended for pumping clean water and liquids that are chemically non aggressive to the materials from which the pump is made.

JCR SELF-PRIMING PUMPS ARE DESIGNED FOR SUCTION LIFTS AND CAN BE POSITIONED ABOVE THE WATER SOURCE, INCLUDING APPLICATIONS WITH AIR ENTRAINED IN THE WATER. DUE TO THEIR RELIABILITY AND LOW MAINTENANCE, THEY ARE RECOMMENDED FOR DOMESTIC USE, INCLUDING WATER DISTRIBUTION (AS PART OF A PRESSURE SET), GARDEN IRRIGATION, ETC.

It is recommended to install the pumps in enclosed places, or at least protected against inclement weather.

GUARANTEE 2 YEAR subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

PUMP BODY: stainless steel AISI 304, with threaded ports.

BODY BACK-PLATE: stainless steel AISI 304.

EJECTOR ASSEMBLY: technopolymer (approved for drinking water).

IMPELLER: technopolymer (for drinking water).

MOTOR SHAFT: stainless steel EN 10088-3 - 1.4104

MECHANICAL SEAL: ceramic - graphite - NBR.

ELECTRIC MOTOR: the pumps are close-coupled to a carefully matched PEDROLLO electric motor, quiet running, totally enclosed fan cooled (TEFC), suitable for continuous duty.

JCR: single-phase 115 V or 230 V - 60 Hz with capacitor and thermal overload protector.

INSULATION: class F. • **PROTECTION:** IP 44.

OPTIONS ON REQUEST

other voltages or frequency 50 Hz



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JCR 05 - 1/2 Hp

Suction Lift Depth (feet)	Discharge Pressure - PSI				Max Shut OFF PSI
	30	40	50	60	
	Discharge Capacity US GPM				
5	12	8	5	2	70
10	11	6.5	4	1.5	68
15	10.5	6.5	3.5	1	65.5
20	8.5	5.5	3	0.5	62.5
25	8	5	2.5		61.5

JCR 07 - 3/4 Hp

Suction Lift Depth (feet)	Discharge Pressure - PSI				Max Shut OFF PSI
	30	40	50	60	
	Discharge Capacity US GPM				
5	21	20	7	2	65
10	18.5	11	6.5	1.5	63
15	16.2	10	5.3	0	61
20	14.9	8	2.9	0	59
25	7.2	5.5	1.5	0	57

JCRH 07 - 3/4 Hp

Suction Lift Depth (feet)	Discharge Pressure - PSI				Max Shut OFF PSI
	30	40	50	60	
	Discharge Capacity US GPM				
5	12.5	10.5	8	2	86
10	12	9.5	6.5	1.5	84.5
15	12	9	6	0	82.5
20	11	8	5.5	0	80.5
25	10.5	7.5	5	0	78

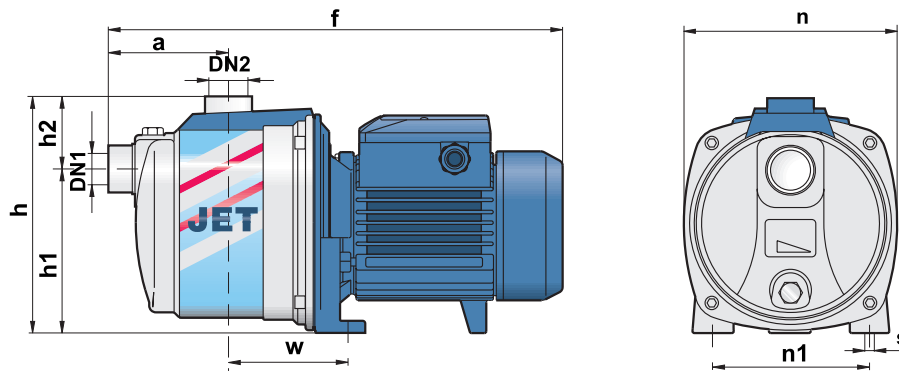
JCR 10 - 1 Hp

Suction Lift Depth (feet)	Discharge Pressure - PSI				Max Shut OFF PSI
	30	40	50	60	
	Discharge Capacity US GPM				
5	22	21	15.8	10	79
10	22	21	14.5	8.5	77
15	21	20	12.6	7.2	75
20	20	18.5	10.5	5	73
25	20	18	10.3	4	71

JCRH 10 - 1 Hp

Suction Lift Depth (feet)	Discharge Pressure - PSI				Max Shut OFF PSI
	30	40	50	60	
	Discharge Capacity US GPM				
5	12.5	10.5	8	2	102
10	12	9.5	6.5	1.5	100
15	12	9	6	0	98
20	11	8	5.5	0	96
25	10.5	7.5	5	0	94

DIMENSIONS AND WEIGHTS



MODEL	DISCH		DIMENSIONS INCHES									LBS	
1 PH	DN1	DN2	a	f	h	h1	h2	n	n1	w	s	1~	3~
JCR 05	1"	1"	3.5	13.9/13.6	6.9	4.8	2.0	6.3	4.7	3.7	0.4	15.2	14.3
JCR-JCRH 07	1 1/4"	1"	4.6	16.0	8.1	5.7	2.2	7.2	5.3	4.3	0.4	20.7	21.2
JCR-JCRH10	1 1/4"	1"	4.6	16.0	8.1	5.7	2.2	7.2	5.3	4.3	0.4	23.8	22.9