



Enriching Lives

Kirloskar JALRAAJ

0.5 – 1.0 HP High Pressure
Domestic Pumps

JAB GHAR MEIN HO

JALRAAJ

TO KHUSHIYON KA

RAHE SAATH



Totally
Enclosed
Fan-cooled
Motor



Thermal
Overload
Protection



Wide
Input Voltage
Range



Class 'B'
Insulation



0.5 – 1.0 HP High Pressure Domestic Pumps

Kirloskar Jalraaj has been designed to complement various domestic applications – adding to your convenience indoors and outdoors. From filling your overhead water tanks to watering your gardens, Jalraaj can assist you easily. Because of its light weight, ease of installation and self-priming capabilities, you can use the pump virtually anywhere in your home, without the need of investing in additional pumps for multiple applications.

Available at a very economical price, Jalraaj features the very best in pump engineering. From robust construction to class-leading electrical components, Jalraaj reflects the quality and durability that consumers expect from Kirloskar Brothers – one of India's leading manufacturers of pumps.

Product Snapshot:

Range and Technical Specification

Head	: 6 to 42 metres
Capacity	: 3300 to 504 LPH
Power Rating	: 0.37 Kw / 0.5 HP to 0.75 Kw / 1.02 HP
Voltage Range	: 180 to 230 Volts (single phase)

Construction Materials

Impeller	: Brass
Pump shaft	: Carbon Steel
Delivery Casing	: Cast Iron
Mounting Casing	: Cast Iron
Motor Body	: Extruded Aluminum
Cover NDE	: Aluminum
Mechanical Seal	: Carbon Ceramic



Self-priming up to 3 metres:

The pump is capable of priming up to 3 metres (sucks water automatically) without a foot valve, at rated head and discharge, doing away with the inconvenience of filling water to start the pump.



Totally Enclosed Fan-cooled (TEFC) motor:

The pump includes a cooling fan enclosed within the motor to protect it from over-heating and damaging electrical parts.



Class "B" insulation:

All electrical parts are shielded with Class "B" insulation, thereby protecting electrical components and its insulation from damage due to extreme temperatures with the use of super enameled copper winding wire in the motor.



Works with wide input voltage: (180 – 230V)

The pump has the capacity to work with wide input voltage range, thereby enhancing performance while reducing damage to electrical parts.



Thermal Overload Protector:

The pump motor features a Thermal Overload Protector that prevents overloading and shields the motor and associated circuit from the effects of fault current.



Lightweight for easy portability:

Jalraaj is constructed with special alloys to keep it lightweight for easy handling. Its compact size and weight enables you to use the pump easily, anywhere, for various applications.

Applications:



Water supply for domestic use in Bungalows, Apartments, Hotels, Farmhouses etc.



Useful in home water booster systems, lawn sprinklers, overhead tanks and water for gardens.

Performance Chart

PUMP MODEL	POWER RATING		PIPE SIZE		FULL LOAD CURRENT (in amps)	RATED VOLTAGE	TOTAL HEAD IN METERS									
	KW	HP	SUC.	DEL.			6	10	14	18	22	26	30	34	38	42
	DISCHARGE IN LITRES PER HOUR															
JALRAAJ	0.37	0.5	25	25	2.0	220	2120	1820	1550	1260	950	660	360			
JALRAAJ-1	0.75	1.02	25	25	4.0	220	3280	2970	2650	2300	1980	1660	1300	970	612	250
JALRAAJ-2	0.75	1.02	25	25	4.5	230	3300	2700	2380	2120	1870	1620	1400	1116	854	504

Note : Performance applicable in cases of liquid with specific gravity 1 and viscosity as of water.

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