

AJP40 SERIES

STAINLESS STEEL DOMESTIC PRESSURE PUMP JET PUMP



AJP40



FEATURES

Stainless steel casing provides strength and superior protection against corrosion and the elements.

Precision moulded internals for high efficiency and durability.

A reliable automatic pressure system with loss of prime protection.

Excellent priming capabilities.

Suction lift to 7.6m.

Inbuilt thermal overload.

Max. head - 38 m.

Max. flow - 58 lpm.

APPLICATIONS

- Domestic pressure system (with Presscontrol).
- Irrigation and garden water supply.
- Water transfer.

PUMP INFORMATION

Horizontal, single-stage, surface mounted jet pump with closed impeller for pumping debris free water, integrated with a cool running Totally Enclosed Fan Cooled 2 pole motor with inbuilt thermal overload.

OPERATING CONDITIONS

Suitable for pumping clean non-aggressive liquids without solids or fibres in suspension.

Fluid:	Water.
Maximum water temperature:	35°C.
Minimum water temperature:	1°C.
Maximum ambient temperature:	40°C.
Minimum working pressure:	140kPa.
Maximum working pressure:	600kPa.

ELECTRICAL DATA

Type	Type of current	Voltage $\pm 10\%$	Frequency Hz	Motor rating kW	RPM min	Full Current	Motor protection	Insulation class	IP rating
				P2					
AJP40	1-phase	230	50	450	2850	2.8 A	Inbuilt	B	IP44

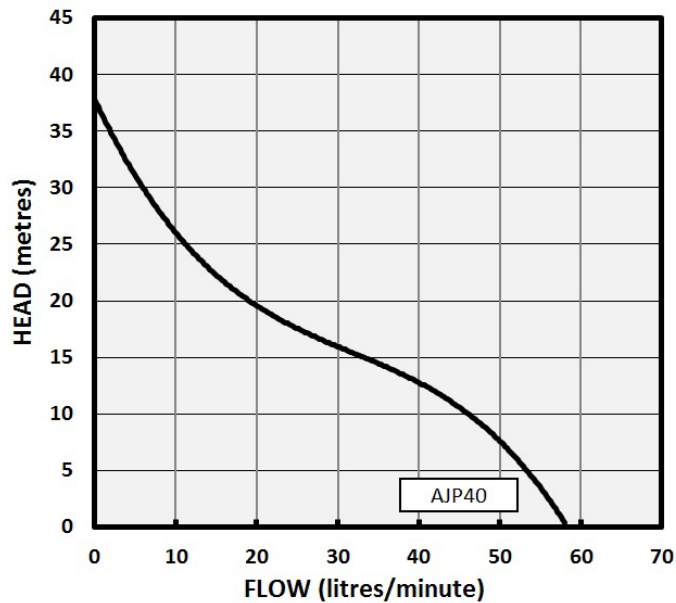
DIMENSIONS

Type	Approx. pump L x W x H	Weight approx.	Packed L x W x H	Packed weight approx.	Pump inlet	Presscontrol outlet
AJP40	320 x 160 x 320 mm	9 kg	580 x 190 x 220 mm	11 kg	1" BSP (female)	1" BSP (male)

PERFORMANCE

Type	P/No	Delivery head	5	10	15	20	25	30	35
AJP40	AJP40	Capacity [litres per minute]	33	46	32	19	11	6	2

PERFORMANCE CURVE



PUMP CONSTRUCTION MATERIALS

Component	Material
Pump casing	Stainless steel
Baffle	Technopolymer
Jet/Venturi	Noryl
Impeller	Noryl
Diffuser	Noryl
Seal flexible bellows	Nitrile
Seal stationary face	Ceramic
Seal rotating face	Carbon
Seal spring	304 Stainless steel
Motor shaft	304 Stainless steel
O'Rings	Nitrile



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