



Mini Jet JY30-90/P

Deep Well Mini Jet Pump

Rugged, reliable, economical, compact, stainless steel single stage centrifugal pumps with deep well injectors. Comes complete with a pressure switch for automatic operation.

APPLICATIONS

Supplied with deep well injector kits, these pumps are ideal for supplying high pressure water from bores to 30m depth for:

- Home/shop/house water supply
- Rooftop tank filling
- Garden water supply

WHY CHOOSE THE MINI JET JY30-90/P?

DESIGN FEATURES

BENEFITS

- Manufactured from quality corrosion resistant materials.
- TEFC motor corrosion resistant and excludes dust and dirt.
- Motor and pump designed for frequent starts.
- Quick and easy installation.
- Low maintenance.
- Easy to service if required.

PUMP

Single impeller design.
Closed vane 304 stainless steel impellers.
Captive teflon neckring.
304 stainless steel pump shaft.
304 stainless steel casing.
Mechanical shaft seal.
Oring casing seal.

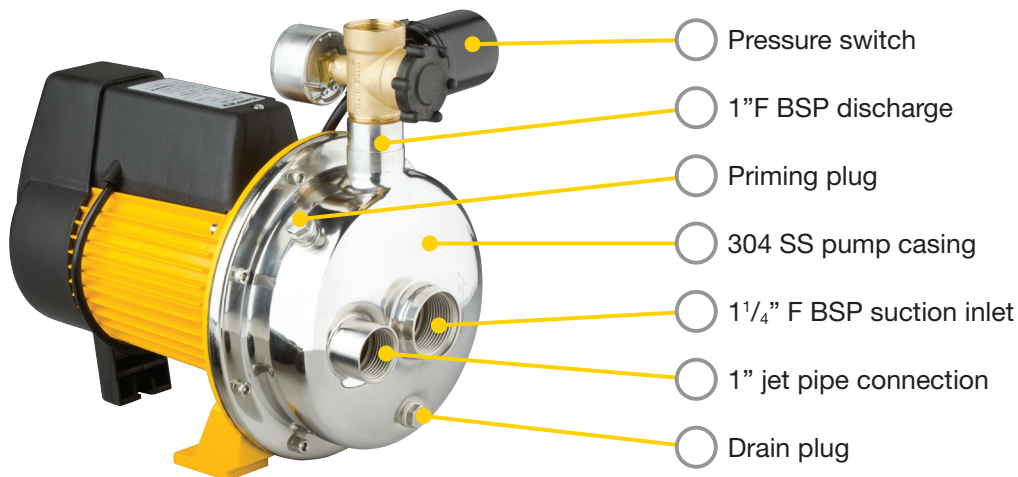
MOTOR

2 pole, 50Hz (220-240v) single phase.
TEFC with IP55 enclosure.
Class F insulation.
Permanently split capacitor design.
Protected against both high operating temperature and high current by a built-in automatically resetting thermal overload.

DEPEND ON
DAVEY

WATER PRODUCTS

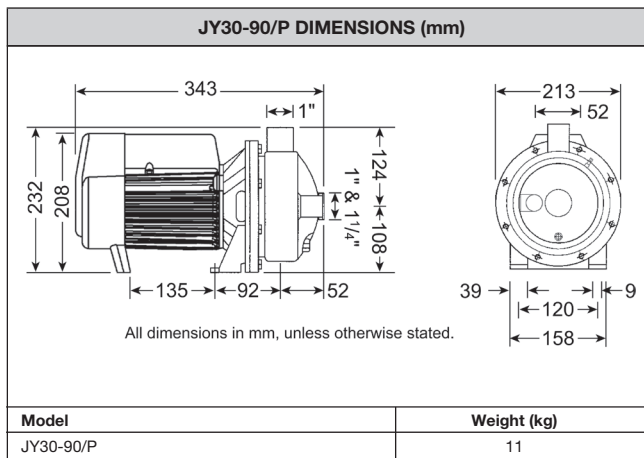
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MATERIALS OF CONSTRUCTION

Part	Material
Impellers	304 Stainless Steel
Lock Nut	304 Stainless Steel
Pump Casing	304 Stainless Steel
Seal Ring (Stationary)	Silicon Carbide
Seal Ring (Rotating)	Carbon
Seal Spring	304 Stainless Steel
Orings	EPDM
Diffuser	304 Stainless Steel
Neckring	Teflon
Motor Sheel	Aluminium
Shell Finish	Polyester
Injector Housing	Cast Iron
Jet & Venturi	Glass Filled Nylon

JY30-90/P DIMENSIONS (mm)



HYDRAULIC PERFORMANCE

Model	Outlet Pressure kPa (psi)	Depth to water metres (feet approx.)					
		6 (20)	10 (33)	15 (50)	20 (66)	26 (85)	30 (100)
JY30-90/P	220	44	39	35	30	24	15
	320	36	32	28	20	15	5
	360	25	19	15	12	5	-
Maximum Shut Off Pressure kPa (psi)	510 (73)	480 (70)	450 (65)	420 (61)	380 (55)	340 (49)	

ELECTRICAL DATA

Nominal RPM	2900
Volts / Hertz / Phase	220-240 / 50 / 1
IP Rating	55
Amps	5.4
kW (P ₁) / (P ₂)	1.3 / 0.9
hp (P ₁) / (P ₂)	1.75 / 1.2

OPERATING LIMITS

Maximum Suction Head	30m
Maximum Water Temperature	50°C
Minimum Water Temperature	1°C
Pump Outlet Size	1" BSP(F)
Suction Pump Sizes	1 1/4" x 1"

INSTALLATION AND PRIMING

To prime, fill pump body and suction line with water via the priming port. Once the pump body is full of water, re-fit the priming plug.

DEPEND ON
DAVEY

WATER PRODUCTS

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