

SIMPLY RELIABLE



JET 50 - 75 - 100 SELF-PRIMING JET PUMPS

Our JET line of self-priming centrifugal pumps are ideal for domestic water supply installations: small farms, gardens, small scale industrial services, or anywhere self-priming is necessary. JET pumps perform well even in the presence of air bubbles, but are recommended for pumping water with low levels of sandy impurities.

PUMP

- Cast-iron motor frame and pump body
- Motor frame in die cast aluminium
- Impeller, diffuser, venturi tube and sand filter in technopolymer
- Stainless steel shim washers
- Carbon/ceramic mechanical seals

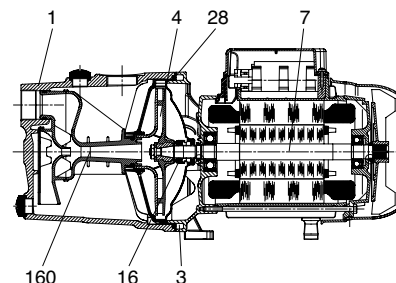
MOTOR

- Asynchronous with external air cooling
- Rotor mounted on oversized greased-for-life ball bearings, to guarantee low noise and long life
- Incorporated thermo-amperometric protection and permanently inserted condenser in the single phase version

MATERIALS

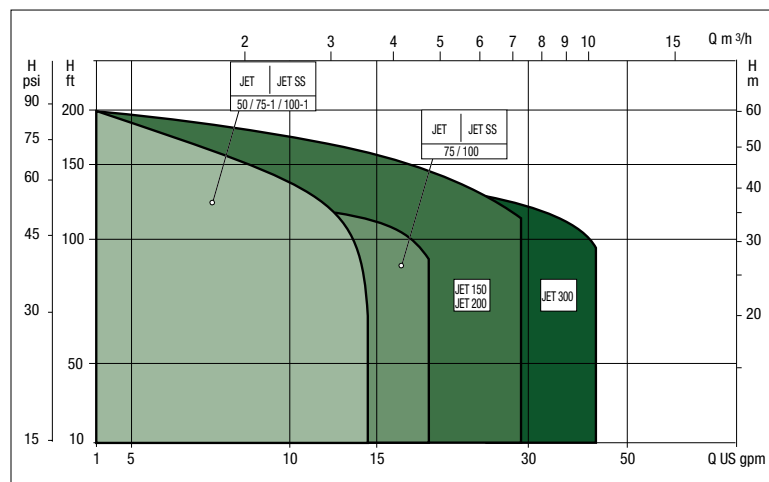
N°	PARTS *	MATERIALS
1	PUMP BODY	200 UNI ISO 185 CAST IRON
3	FRAME	DIE CAST ALUMINIUM
4	IMPELLER	TECHNOPOLYMER A
7	SHAFT WITH ROTOR	AISI 416 STAINLESS STEEL X12 CrS13 - UNI 6900/71
16	MECHANICAL SEAL	CARBON/CERAMIC
28	OR GASKET	NBR RUBBER
160	VENTURI DIFFUSER NOZZEL GROUP	TECHNOPOLYMER A

* In contact with liquid



PERFORMANCE RANGE

Curves based on kinematic viscosity values = 1mm²/s and density equivalent to 1000/kg/m³. Curve tolerance according to IS 9906.



DAB PUMPS reserves the right to make modifications without notice.

TECHNICAL DATA

Operating range: capacity up to 23 gpm; head up to 213 ft (92 psi)

Liquid quality requirements: clean water, free from solid or abrasive contaminants, non-viscous, non-aggressive, uncrystallised and chemically neutral.

Liquid temperature range: from 32°F to +104°F

Maximum suction depth: 29 ft

Maximum ambient temperature: +122°F

Maximum pressure: 115 psi

Motor range: 1/2Hp, 3/4 Hp, 1Hp

Standard input voltage: single phase 115/230 V - 60 Hz Dual Voltage
three phase 230/460 V - 60 Hz

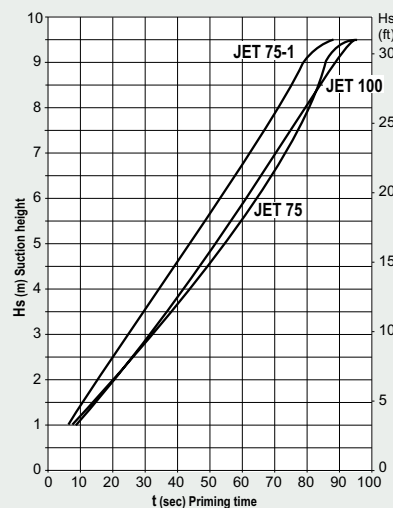
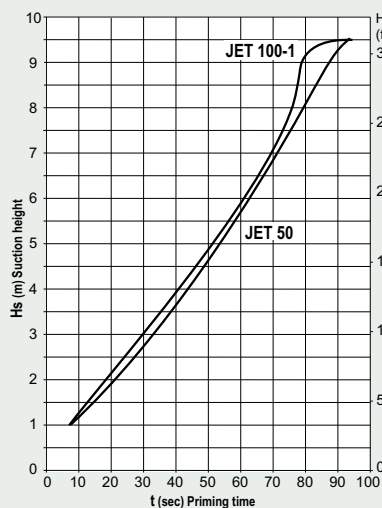
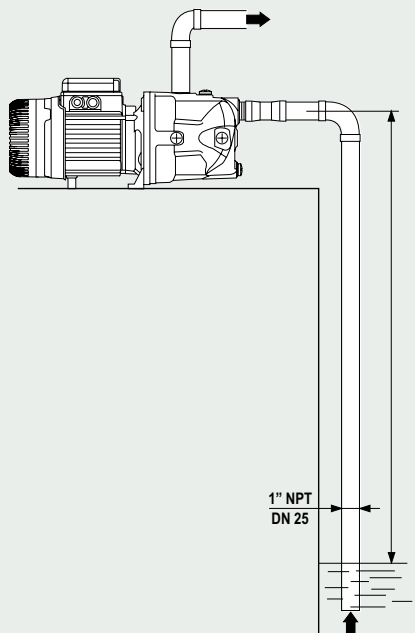
Insulation class: F

Installation: Horizontal fixed position

Approvals: CSA certification to
CSA Standard C22.2 No 108-14 Liquid Pumps.
UL Standard 778- 5th Edition-Motor operated water pumps

Versions on request: Available without pressure switch

SELF-PRIMING CAPABILITY



MODEL	ELECTRICAL DATA						
	POWER SUPPLY 60 Hz	kW	HP	SERVICE FACTOR	RPM	In Amps	
						110v	230v
JET 50 - PS	1x110-230 V ~	0.6	½	1.6	3400	8.21	4.22

MODEL	ELECTRICAL DATA						
	POWER SUPPLY 60 Hz	kW	HP	SERVICE FACTOR	RPM	In Amps	
						110v	230v
JET 75 - PS	1x110-230 V ~	0.75	¾	1.4	3400	8.55	4.33

MODEL	ELECTRICAL DATA						
	POWER SUPPLY 60 Hz	kW	HP	SERVICE FACTOR	RPM	In Amps	
						110v	230v
JET 100 - PS	1x110-230 V ~	1	1	1.35	3400	13.9	7.52

CERTIFICATIONS



MORE BENEFITS AND DETAILS:



DABPUMPS.US

CONSULT YOUR LOCAL DAB DISTRIBUTOR



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