

self-priming stainless steel shallow well jet pumps



ClearJet models provide excellent performance with good pressure for wells to 25' deep. Self-priming after the priming chamber has been filled with water.

APPLICATIONS

■ Water systems and sprinkling... for homes, farms and cottages.

SPECIFICATIONS

Maximum Liquid Temperature Limits – 122°F (50°C)

Max. Inlet Pressure: 50 PSI Average Priming Time at 20 Feet:

CJ90E = 5.3 min.CJ90F = 4.2 min.

Body – 304 Stainless steel

Jet Assembly, Diffuser, Impeller – Norvi®

Shaft – One-piece threaded, 416 grade stainless steel

Base – Polypropylene

ORDERING INFORMATION													
Catalog		Switch		Pipe Tapping Sizes		Motor	Approx.						
No.	HP	Setting	Description	Suct.	Disch.	Voltage	Wt. Lbs.						
CJ90E	1	30-50	Shallow Well Jet	1-1/4"	1"	115/230	26						
CJ90F	1-1/2	30-50	Shallow Well Jet	1-1/4"	1"	115/230	29						

CJ SERIES

FEATURES

Corrosion Free – Stainless steel pump body provides maximum resistance to corrosion

Built-in Jet – High strength thermoplastic components are corrosion resistant.

Mechanical Shaft Seal – Highly polished carbon-ceramic and stainless steel construction.

Motor Windings – Superior insulation materials protect against excessive moisture and contaminants... assure prolonged motor life.

Balanced Rotor – Die cast under high pressures for uniform performance and greater efficiency, dynamically balanced.

Heavy-duty Ball Bearings – Shielded, permanently lubricated bearings, extensively tested to ensure extended life and smooth, quiet operation.

Pump and Motor Shaft – Stainless steel for maximum corrosion resistance; one-piece threaded shaft for positive impeller drive and alignment.

Dustproof Cover – All electrical components are protected from dirt, dust and insects by a dustproof canopy; ventilating air cannot contaminate vital switching components. **Pressure Switch** – Quality, fixed

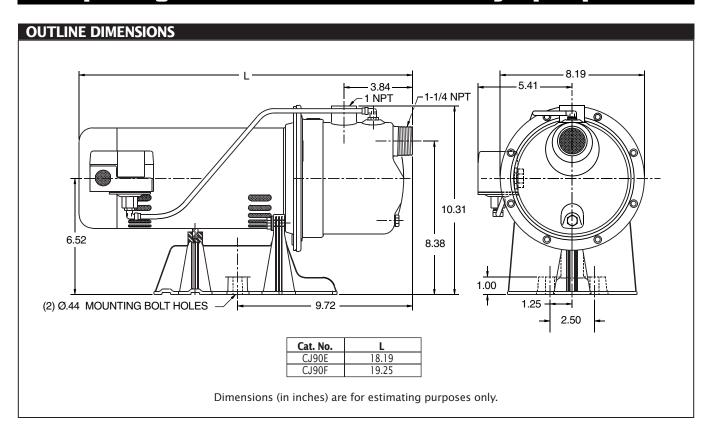
differential (20 PSI).

Noryl® is a registered trademark of General Electric Co. PRO-Source™ is a trademark of Pentair Water.

In order to provide the best products possible, specifications are subject to change.



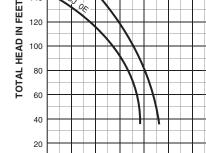
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PUMP PERFORMANCE (Capacity in Gallons Per Minute)										
Catalog		Disch. Pressure	Depth to Water					Shut-Off Pressure		
Number	HP	PSI	5'	10'	15'	20'	25'	PSI		
		30	17.8	16.2	14.11	11.8	9.0			
CJ90E	1	40	11.5	11.2	10.8	10.6	8.6	63		
		50	5.5	5.5	5.5	5.5	5.5			
		30	18.6	16.5	14.5	12.0	9.1			
CJ90F	1-1/2	40	18.6	16.4	14.5	11.8	9.1	80		
		50	15.9	15.7	13.9	11.7	9.1			

Tested and rated in accordance with Water Systems Council Standards. NOTE: CJ90E used 30-50 PSI pressure switch, CJ90F used 40-60 PSI pressure switch.

Pumps installed with a PRO-Source[™] tank require a 100 PSI relief valve. Pumps installed with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving entire flow of pump at relief pressure.



15 20

CAPACITY GALLONS PER MINUTE

PUMP PERFORMANCE

200 180

160 140

120

100

40

CAPACITY LITERS PER MINUTE

80

100 120

60

50

10

2.31 FT. OF HEAD = 1 PSI



