

HJ Series

1/2, 3/4 & 1 Horsepower
Shallow and Deep Well
Jet Pumps



MYERS HJ SERIES JET PUMPS OFFER THE PREMIUM, QUALITY FEATURES REQUESTED BY TODAY'S PUMP INSTALLERS.

Myers advanced engineering design and manufacturing know-how are combined to give you a complete line of jets built to perform with dependability for home and farm water systems as well as many commercial and industrial applications

ADVANTAGES BY DESIGN

FULL FEATURED DESIGN WHICH PROVIDES OPTIMUM PERFORMANCE.

- Dual compartment 115/230 volt GE motor; double-ball bearing design; convenient voltage change switch*.
- Dual-adjustment Square D pressure switch.
- Comes complete with priming tee on shallow well models and pressure regulator on deep well models.
- Cast iron pump housing and motor bracket.
- Engineered reinforced thermoplastic impeller. (optional no-lead brass impeller available).
- Priming Screen.
- SST wear ring for consistent performance (1/2 HP models only).
- Metal nameplate

WHERE INNOVATION MEETS TRADITION

Shallow Well Specifications

Pump Cat. No.	Motor HP	Suction	Discharge	Motor Specifications (Built-In Overload Protection)	Shipping Wt. Lbs.
HJ50S*	1/2	1 1/4"	1"	115/230 volt - capacitor	44
HJ75S*	3/4	1 1/4"	1"	115/230 volt - capacitor	58
HJ100S*	1	1 1/2"	1"	115/230 volt - capacitor	62

See Section 250 for Size and Catalog Numbers of Pressure Tanks.
* For Brass Impeller add *-1* to Catalog Number. Example: HJ50S-1

Deep Well Specifications

Pump Cat. No.	Dischg	Pressure Switch Setting	Packer Type Inner Pipe Size For 2" Well	Twin Type Drop Pipe Size For 4" Min. Well	Foot Valve Size - Twin Type Only	Motor Specifications (Built-In Overload Protector)	Shipping Wt. Lbs.	Shipping Weight of Jet Packages For		
								Twin Type 4" Min. Well		Packer Type 2" Well
								C.I.	Brass	
HJ50D*	1"	20-40	1"	1 1/4" x 1"	1"	115/230 volt-capacitor	44	4	5	4
HJ75D*	1"	20-40	1"	1 1/4" x 1"	1 1/4"	115/230 volt-capacitor	58	4	5	4
HJ100D*	1"	20-40	1"	1 1/4" x 1"	1 1/4"	115/230 volt-capacitor	60	4	5	4

See Section 250 for Size and Catalog Numbers of Pressure Tanks.
NOTE: For Complete Water System -- Order Basic Pump Unit, Proper Ejector Package, Well Adapter and Pressure Tank Separately
* For Brass Impeller add *-1* to Catalog Number. Example: HJ75D-1

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Shallow Well Selection Table

Pump Cat. No.	Motor HP	Pressure Switch Setting	** Capacity in U.S. Gallons Per Minute				Shut-Off Pressure
			Discharge Pressure, Lbs.	5 Ft. Suction Lift	15 Ft. Suction Lift	25 Ft. Suction Lift	
HJ50S*	1/2	20-40	20	14.5	11.5	7	65
			30	14.5	11.5	7	
			40	10	8	6	
			50	5.5	3.5	2	
HJ75S*	3/4	20-40	20	23.5	17.5	10.5	69
			30	23.5	17.5	10.5	
			40	19.5	16.5	10.5	
			50	12.5	9	5	
HJ100S*	1	20-40	20	27.5	21	13	67
			30	27.5	21	13	
			40	25.5	21	13	
			50	19	15.5	12	

Deep Well Selection Table 20/40 PSI Pressure Switch Setting

Pump Catalog Number	Motor HP	Average Regulator Setting	Jet Package Catalog Number			Vertical Distance in Feet from Pump to Low Water Level										
			Twin Type		Packer	30	40	50	60	70	80	90	100	110	120	
			4" Min. Well													
			Cast Iron	Bronze	2" Well	** Capacity in U.S. Gallons Per Minute										
HJ50D*	1/2	22 PSI	DW50-I	DW50	P50	10.5	9.5	8	6	5	4	2.5	---	---	---	
HJ75D*	3/4	26 PSI	DW75-I	DW75	P75	16.5	13.5	10	8	7	6	4	3	1	---	
HJ100D*	1	34 PSI	DW100-I	DW100	P100	18	15.5	12.5	10	9	8	5.5	4.5	2.5	1	

Deep Well Selection Table 30/50 PSI Pressure Switch Setting

Pump Catalog Number	Motor HP	Average Regulator Setting	Jet Package Catalog Number			Vertical Distance in Feet from Pump to Low Water Level										
			Twin Type		Packer	30	40	50	60	70	80	90	100	110	120	
			4" Min. Well													
			Cast Iron	Bronze	2" Well	** Capacity in U.S. Gallons Per Minute										
HJ50D*	1/2	22 PSI	DW50-I	DW50	P50	9	8	7	5.5	4.5	3.5	---	---	---		
HJ75D*	3/4	26 PSI	DW75-I	DW75	P75	15.5	12	10.5	7.5	6	5	3	2	---		
HJ100D*	1	34 PSI	DW100-I	DW100	P100	18	15	12	10	9	7.5	5	4	2	1	

NOTE: For Complete Water System -- Order Basic Pump Unit, Proper Ejector Package, Well Adapter and Pressure Tank Separately.
* For Brass Impeller add ".1" to Catalog Number. Example: HJ50D-.1
** Capacity given to nearest half gallon.

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