

HC and HCM Series

Convertible Jet Pumps
1/2 Hp HC
1/2, 1, and 1½ HP HCM



MYERS CONVERTIBLE JET PUMPS PROVIDE ALL THE WATER AND PRESSURE NEEDED FOR TODAY'S FAMILY LIVING NEEDS. High quality materials and simplified construction combine for excellent performance in shallow and deep wells. The same twin ejector is used for both types of well service. For more information, call your local Myers distributor or contact the Myers world headquarters located in Ashland, Ohio (since 1870) at 419/289-1144

ADVANTAGES BY DESIGN

- Heavy duty cast iron construction
- Primes easily under maximum shallow well conditions
- No-lead silicon bronze impeller balanced for smooth operation
- Fast connect flanges eliminates threading and fitting at pipe end.
- Stream-flo design provides optimum hydraulic performance.
- Durable cast iron pressure regulator included.
- Pressure switch and pressure gauge also included.

Materials of Construction

Motor	2-compartment 115/230 volt
Rotary Seal	Stainless Steel/Buna N
Impeller	Lead-free Brass
Motor Bracket	Cast Iron
Discharge Diffuser	Cast Iron
Second Stage Diffuser (HCM's)	Cast Iron
Diffuser housing	Cast Iron
Motor Shaft	Stainless Steel
Pressure Switch	Square D Dual Adjustment

WHERE INNOVATION MEETS TRADITION

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Convertible Jet Pumps
1/2 HP HC
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HC50 Shallow Well Selection Table

Pump Catalog Number	Motor HP	Jet Package Cat. No.	5 Foot Suction Lift					15 Foot Suction Lift					25 Foot Suction Lift				
			Discharge Pressure, Pounds					Discharge Pressure, Pounds					Discharge Pressure, Pounds				
			20	30	40	50	60	20	30	40	50	60	20	30	40	50	60
Capacity in U.S. Gallons Per Hour																	
HC50	1/2	SW50	810	780	690	600	400	600	600	560	480	280	330	330	330	300	120

HC50 Deep Well Selection Table

Pump Cat. No.	Motor HP	Max. Amps 115/230 V	Average Regulator Setting	Jet Package Cat. No.			Vertical Distance in Feet from Pump to Low Water Level											
				Twin Type		Packer	30	40	50	60	70	80	90	100	110			
				4" Min. Well			Capacity in U.S. Gallons Per Hour											
HC50	1/2	10.6/5.3	22 PSI	Cast Iron	Bronze	2" Well	DW50-I	DW50	P50	720	660	590	500	390	270	140	--	--

HC50 Specifications

Pump Cat. No.	Discharge	Pressure Switch Setting	Packer Type Inner Pipe Size for 2" Well	Twin Type Drop Pipe Size	Foot Valve Size - Twin Type Only	Motor Capacitor Type Built-in Overload Protection	Shpg. Wt. Pump Unit Only	Shipping Weight Jet Packages for		
								4" Well	2" Well	Bronze
HC50	3/4"	20-40	1"	1-1/4" x 1"	1-1/4"	115/230 volt	54	5	4	4

HCM Shallow Well Selection Table

Pump Catalog Number	Motor HP	Jet Package Cat. No.	5 Foot Suction Lift						15 Foot Suction Lift						25 Foot Suction Lift					
			Discharge Pressure, Pounds						Discharge Pressure, Pounds						Discharge Pressure, Pounds					
			30	40	50	60	70	80	30	40	50	60	70	80	30	40	50	60	70	80
Capacity in U.S. Gallons Per Hour																				
HCM50	1/2	SW50	630	600	570	540	240	--	480	480	450	420	210	--	390	390	330	330	120	--
HCM100	1	SW100	1140	1140	990	960	780	600	780	780	780	720	600	480	480	480	480	420	390	
HCM150	1-1/2	SW150	1350	1350	1350	1200	1020	780	1020	1020	990	960	840	660	560	560	560	560	530	500

HCM Deep Well Selection Table

Pump Cat. No.	Motor HP	Max. Amps 115/230 V	Average Regulator Setting	Jet Package Cat. No.			Vertical Distance in Feet from Pump to Low Water Level															
				Twin Type		Packer	30	40	50	60	70	80	90	100	110	120	130	140	150			
				4" Min. Well			Capacity in U.S. Gallons Per Hour															
HCM50	1/2	10.6/5.3	22 PSI	Cast Iron	Bronze	2" Well	DW50-I	DW50	P50	690	570	480	390	330	240	180	120	60	--	--	--	--
HCM100	1	17.0/8.5	34 PSI	DW100-I	DW100	P100	900	800	720	640	560	480	400	320	240	160	80	--	--			
HCM150	1-1/2	19.8/9.9	40 PSI	DW150-I	DW150	P150	1050	960	870	770	670	570	480	420	360	300	240	180	120			

HCM Specifications

Pump Cat. No.	Discharge	Pressure Switch Setting	Packer Type Inner Pipe Size for 2" Well	Twin Type Drop Pipe Size	Foot Valve Size - Twin Type Only	Motor Capacitor Type Built-in Overload Protection	Shpg. Wt. Pump Unit Only	Shipping Weight Jet Packages for		
								4" Well	2" Well	Bronze
HCM50	3/4"	30-50	1"	1-1/4" x 1"	1-1/4"	115/230 volt	57	5	4	4
HCM100	1"	40-60	1"	1-1/4" x 1-1/4"	1-1/4"	115/230 volt	78	5	4	4
HCM150	1"	40-60	1"	1-1/4" x 1-1/4"	1-1/4"	115/230 volt	85	5	4	4