

SUBMITTAL DATA SHEET

Jet Pumps
Convertible | Shallow Well

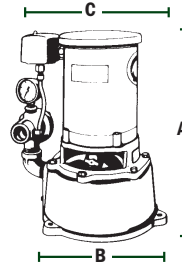
1000 Series - Multi-Stage



All 1000 Series Multi-Stage Pumps come with a 1 1/4" suction pipe and a 1" discharge. The sizes range from 3/4 to 1 1/2 horse power (HP).

Models Available

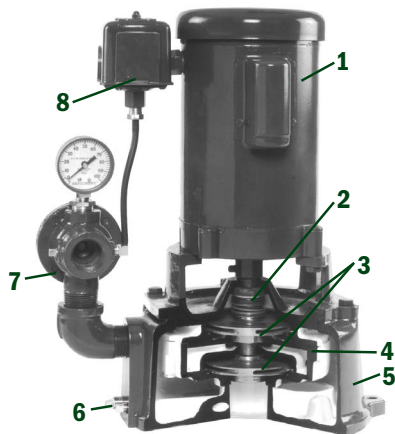
Model No.	HP	Volt	Max. Amps	Impeller	A	B	C	WT
1075	3/4	230/115	7.4	brass	16"	10"	9"	67
1075SW	3/4	230/115	7.4	brass	16"	10"	9"	66
1010	1	230/115	9.0	brass	16"	10"	9"	69
1010SW	1	230/115	9.0	brass	16"	10"	9"	68
1015SW	1 1/2	230/115	10.6	brass	17"	10"	9"	68



Overall Height "A"
Overall Width "B" (without Regulating Valve)
Overall Width "C" (with Pressure Switch)

*Factory Voltage setting listed first in bold type.

Add a "P" to any 1000 Series pump for a plastic impeller e.g. 1075P



1 - Nema Standard Motor

Heavy duty, capacitor start, dual voltage (115/230) with built-in overload protection. Choice of 3/4, 1, 1 1/2 HP & 50 Hz. or 60 Hz.

2 - Shaft Seal

Standard 5/8" ceramic carbon rotating mechanical seal

3 - Impeller

Available in either dynamically balanced bronze or engineered thermoplastic

4 - Cast Iron Diffusers

Precision machined for greatest efficiency

5 - Cast Iron Pump Body & Motor Adapter

6 - Drain Plug

7 - Automatic Diaphragm Type Regulating Valve

Positive acting - non-chattering for easier pump priming. Assures maximum performance at varying water levels (For deep well only)

8 - Pressure Switch

Easily adjusted for higher or lower operating pressures

SUBMITTAL INFORMATION

- Nema C (Keyed Shaft) Motor
- Pressure switch factory setting 30-50 PSI
- Two pipe drop pipe 1" x 1 1/4" (with 108 adaptor)
- SW models are less regulating valve
- * Maximum Amp. Draw at factory voltage setting.

NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.



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A.Y. McDonald considers the information on this assembly drawing correct when published. Item and option availability, including specifications, are subject to change without notice.

Submitted by:

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1000 Series | Shallow Well Performance

Model No.	HP	Jet Ejector	Suction Lift - FT.	Capacities in GPM at Discharge Pressure (PSI)					Max. Shut Off Pressure
				20	30	40	50	60	
1075SW	3/4	N/A	10	34.3	28.8	22.2			53
			15	33.2	27.6	20.4			51
			25	29.9	24.6				46
1010SW	1	N/A	10	41.7	37.7	31.7	24.2		65
			15	40.0	36.5	30.2	22.2		63
			25	29.5	28.5	26.5	16.5		58
1015SW	1 1/2	N/A	10	42.3	40.5	36.5	32.0	24.6	76
			15	41.7	39.8	35.3	29.3	23.0	74
			25	33.3	32.5	31.0	26.5	18.8	69

1000 Series | Deep Well Performance at 30 PSI - For 30-50 PSI Pressure Switch Setting

Model No.	HP	Jet Ejector Package		Depth to Water in Feet													
		4" Two Pipe	2" Single Pipe	30	40	50	60	70	80	90	100	110	120	130	140	150	160
1075	3/4		125 MP	14.5	13.1	11.2	9.3	7.2									
			126 MP				9.3	8.0	6.6	5.4	4.2	3.2					
			127 MP							5.7	5.0	4.2	3.5	2.7	2.0	1.3	
			109 MP	16.1	14.6	12.5	10.3	8.0									
			110 MP				10.3	8.9	7.4	6.0	4.7	3.5					
			111 MP							6.4	5.5	4.7	3.9	3.0	2.3	1.5	
1010	1		128 MP	14.5	13.5	12.1	10.8	8.9	6.7								
			129 MP				9.7	8.3	7.4	6.5	5.6	4.9	4.0				
			130 MP								5.8	4.9	4.2	3.5	2.9	2.2	1.5
			112 MP	16.1	15.0	12.0	9.9	7.5									
			113 MP				10.8	9.2	8.2	7.2	6.3	5.5					2.5
			114 MP								6.5	5.5	4.5	4.1	3.9	3.2	1.6

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