

J-CLASS

C Series

Convertible Jet Pumps

Available in 1/3, 1/2, or 3/4 hp models. The C Series is equipped with a stainless steel impeller for high performance and longevity. The C Series delivers up to 16 gallons per minute from either shallow well or deep well installations.

Features:

- Heavy-duty cast iron construction for long life
- Stainless steel impeller for high performance
- Thermoplastic diffuser is molded for efficiency and dependability
- Screw-in injector for easy conversion from shallow to deep well installation
- Motor with stainless steel shaft for direct mounting of impeller
- Mechanical shaft seal ensures leakproof fit and continuous lubrication
- Factory assembled as shallow well unit
- Connections:
 - 1-1/4" FNPT Suction
 - 3/4" FNPT Discharge
 - 1" FNPT Drive Line
- Hardware kit allows for versatility of installation. Includes pressure gauge and plugs
- Deep well injector must be ordered separately
- Standard 30-50 psi pressure switch



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The Company You Trust Deep Down

C Series

Shallow Well Performance:

C SERIES			DISCHARGE PRESSURE - PSI						SHUT-OFF PRESSURE PSI
MODEL NO.	INJECTOR ORDER NO.	TOTAL SUCTION LIFT FT	30	35	40	45	50	55	
			US GALLONS PER MINUTE						
JC03CI-C 1/3 hp	18-1705-06-R Code 1018	5	8.1	6.5	4.8	3.5	2.4	1.4	62
		10	7.4	5.8	4.2	3.0	2.0	1.0	60
		15	6.7	5.1	3.7	2.5	1.5	0.6	58
		20	6.0	4.4	3.2	2.1	1.2	-	56
		25	5.3	3.8	2.7	1.7	0.7	-	54
JC05CI-C 1/2 hp	18-1706-05-R Code 1021	5	10.2	8.9	6.6	4.8	3.3	1.8	61
		10	9.3	7.8	5.8	4.1	2.7	1.2	59
		15	8.4	6.9	5.0	3.5	2.0	0.6	57
		20	7.6	6.0	4.3	2.8	1.4	-	55
		25	6.6	5.3	3.6	2.2	0.8	-	53
JC07CI-C 3/4 hp	18-1707-04-R Code 1027	5	15.8	15.7	14.1	10.7	7.5	4.0	61
		10	15.0	14.9	12.8	9.2	6.0	2.5	59
		15	14.0	13.9	11.3	7.9	4.5	1.0	57
		20	12.5	12.4	9.6	6.4	3.0	-	54
		25	10.5	10.4	8.3	4.9	1.5	-	52

Note: 1. The appropriate shallow well injector is included.
 2. Pressure Switch pre-set 30-50 psi.
 3. Maximum pump working pressure is 150 psi.



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Deep Well Performance:

C SERIES			DISCHARGE PRESSURE - PSI					SHUT-OFF PRESSURE PSI
MODEL NO.	INJECTOR ORDER NO.	TOTAL SUCTION LIFT FT	30	35	40	45	50	
			US GALLONS PER MINUTE					
JC03CI-C 1/3 hp	147E-0916	20	6	5	4	3	2	62
		30	5	4	3	2.5	2	60
		40	4	3	2.5	2	1	58
		50	3.5	2.5	2	1	-	56
		60	2.5	2	1.5	-	-	54
	147E-0914	60	3	2.5	2	1.5	1.5	63
		70	2.5	2	1.5	1	1	61
		80	2	2	1	1	-	59
		90	1.5	1	1	-	57	
JC05CI-C 1/2 hp	147E-1018	20	10.5	8.5	7	6	4.5	61
		30	8.5	7	5.5	4	3.5	59
		40	7	5.5	4.5	3.5	2.5	57
		50	5.5	4.5	4	3	2	55
		60	4.5	3.5	3	2	1	53
	147E-1117	60	5	4	3.5	3	2.5	70
		70	4	3.5	3	2.5	2	66
		80	3.5	3	2.5	2	1.5	61
		90	3	2.5	2	1.5	1	56
	147E-1115	90	3	2.5	2	1.5	1	64
		100	2.5	2	1.5	1	0.5	60
		110	2	1.5	1	0.5	-	56
		120	1.5	1	0.5	-	52	
JC07CI-C 3/4 hp	147E-1124	20	16	14	12	10	8	69
		30	14	12	10	8	6	64
		40	11.5	10	7.5	6	4	59
		50	10	8	6	4	2	55
		60	7.5	6	4	2	-	50
	147E-1019	50	9.5	8.5	7.5	6.5	5.5	74
		60	8	7	6	5	4	70
		70	7	6	5	4	3	66
		80	6	5	4	3	2	61
		90	4.5	3.5	2.5	2	1	56
	147E-0914	80	6	4	3.5	3	3	87
		90	4	3.5	3.5	3	2.5	83
		100	3.5	3.5	3	2.5	2	80
		110	3.5	3	2.5	2	2	76
120		2.5	2.5	2	2	1.5	72	



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Deep Well Injector Information - Required for Deep Well Installations:

HP	SUCTION X DISCHARGE	VOLTAGE	WT. (LBS.)	DEEP WELL INJECTOR		
				SUCTION LIFT	ORDER NO.	WT. (LBS.)
1/3	1-1/4" x 1"	115	45	20-60 ft	147E0916	7
				60-90 ft	147E0914	7
1/2	1-1/4" x 1"	115/230	45	20-60 ft	147E1018	7
				60-90 ft	147E1117	7
				90-120 ft	147E1115	7
3/4	1-1/4" x 1"	115/230	50	20-60 ft	147E1124	7
				50-90 ft	147E1019	7
				80-120 ft	147E0914	7

Note: Hardware kit provided with each pump: Screw-in shallow well injector, by-pass plug, pipe plugs. Pressure switch is provided and preset to 30-50 psi. Order pressure gauge and deep well injector separately.

- 1-1/4" FNPT suction connection and 1" FNPT drive pipe connection.
- Minimum inside well diameter requirement of 4".



Ordering Information:

C SERIES CONVERTIBLE JET PUMPS								
MODEL NO.	HP	SUCTION X DISCHARGE	VOLTAGE	PUMP UNIT		DEEP WELL INJECTOR		
				ORDER NO.	WT. (LBS.)	SUCTION LIFT	ORDER NO.	WT. (LBS.)
JC03CI-C	1/3	1-1/4" x 1"	115/230	91060012	45	20-60 ft	147E0916	7
						60-90 ft	147E0914	7
JC05CI-C	1/2	1-1/4" x 1"	115/230	91060020	45	20-60 ft	147E1018	7
						60-90 ft	147E1117	7
						60-90 ft	147E1115	7
JC07CI-C	3/4	1-1/4" x 1"	115/230	91060053	50	20-60 ft	147E1124	7
						50-90 ft	147E1019	7
						80-120 ft	147E0914	7

Note: 1. Order deep well injector separately.
2. Minimum inside well diameter requirement of 4" for deep well injectors.



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