

C SERIES

CONVERTIBLE JET PUMPS

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.





C SERIES PUMPS

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

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)
1/2	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. 1-1/4" FNPT suction connection and 1" FNPT drive pipe connection.
2. 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)
FE05CI-C	1/2	1-1/4" x 1"	115/230	91060020	45	20-60 ft	147E1018	7
						60-90 ft	147E1117	7
						90-120 ft	147E1115	7
FE07CI-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.

C SERIES PUMPS

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						
FE05CI-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
FE07CI-C 3/4 hp	18-1707-04-R Code 1021	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.

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					
FE05CI-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		
FE07CI-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

