

JET PUMPS - CONVERTIBLE PRO (RM2) SERIES

FEATURES

- Heavy-duty cast iron case and stainless steel impeller ensure optimum durability
- Thermoplastic diffuser is molded for efficiency and dependability
- Screw-in injector for easy conversion from shallow- to deep-well installation
- Shaft coupling designed for easy removal of motor
- Mechanical shaft seal ensures leakproof fit and continuous water lubrication
- High service factor 56C-frame motor for maximum performance
- Hardware kit allows for versatility of installation and includes pressure gauge, plugs, shallow-well injector, and bypass plug
- Adjustable pressure switch installed and set at 30/50 psi
- Maximum temperature of 140 °F/60 °C



ORDERING INFORMATION

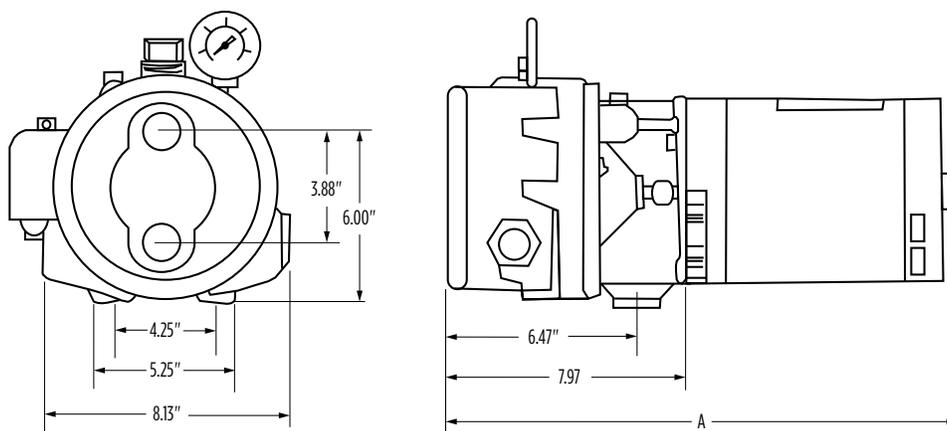
Model	HP	Dis. x Suc. (FNPT)	Voltage	Pump Unit		Shallow-Well Injector			Deep-Well Injector		
				Order No.	Wt. (lbs)	Total Suction Lift (ft)	Order No.	Wt. (lbs)	Total Suction Lift (ft)	Order No.	Wt. (lbs)
FP05CI-C	1/2	1" x 1-1/4"	115/230	91140005	48	5-25	18127803R	1	30-60	147E1120	7
FP07CI-C	3/4			91140007	51	5-25	18127902R	1	50-100	147E0915	7
FP1CI-C	1			91140010	53	5-25	18128009R	1	30-60	147E1023	7
									50-100	147E1118	7
									30-60	147E1125	7
									50-100	147E1120	7

NOTES: Order deep-well injector separately; minimum inside well diameter requirement of 4" for deep-well injectors; parallel pipe injectors are required for deep well installations

DIMENSIONS

Model	HP	A
FP05CI-C	1/2	18.65"
FP07CI-C	3/4	19.15"
FP1CI-C	1	19.65"

NOTE: Dimensions will vary according to motor manufacturer



JET PUMPS - CONVERTIBLE PRO (RM2) SERIES

SHALLOW-WELL PERFORMANCE

1" Dis. x 1-1/4" Suc.				Discharge Pressure (PSI)												Shut-off Pressure (PSI)			
Model	HP	Injector Order No.	Total Suction Lift (ft)	30	35	40	45	50	55	60	65	70	75	80	85		90		
				Gallons Per Minute (GPM)															
FP05CI-C	1/2	18127803R	5	15.5	13.5	11.0	8.5	6.0	4.0	2.0	-	-	-	-	-	-	65		
			10	13.5	12.5	10.0	7.5	5.0	3.0	1.0	-	-	-	-	-	-	-	63	
			15	11.5	10.5	8.5	6.0	4.0	2.0	-	-	-	-	-	-	-	-	60	
			20	9.5	9.0	7.5	5.0	3.0	1.0	-	-	-	-	-	-	-	-	-	58
			25	7.0	7.0	6.0	4.0	2.0	-	-	-	-	-	-	-	-	-	-	55
FP07CI-C	3/4	18127902R	5	19.0	18.5	18.0	16.0	12.5	9.5	6.5	3.5	-	-	-	-	-	-	70	
			10	16.5	16.0	15.5	14.0	10.0	8.0	4.5	1.5	-	-	-	-	-	-	68	
			15	14.5	14.0	13.5	12.5	9.5	6.5	3.5	-	-	-	-	-	-	-	66	
			20	-	11.5	11.0	10.0	8.0	5.0	2.0	-	-	-	-	-	-	-	63	
			25	-	-	8.5	8.0	6.5	3.5	1.0	-	-	-	-	-	-	-	-	61
FP1CI-C	1	18128009R	5	23.0	22.5	22.0	21.5	20.0	17.5	14.0	10.5	7.0	-	-	-	-	-	81	
			10	-	19.5	19.0	18.5	17.5	15.5	12.5	9.0	5.5	-	-	-	-	-	78	
			15	-	16.5	16.0	15.5	15.0	13.5	11.0	7.5	4.5	-	-	-	-	-	76	
			20	-	-	13.5	13.0	12.5	11.5	9.5	6.0	2.5	-	-	-	-	-	74	
			25	-	-	-	10.0	10.0	9.5	7.5	4.5	1.0	-	-	-	-	-	-	71
FP1CI-C (High Head)	1	18127803R	5	-	-	-	-	-	-	11.0	10.0	7.5	5.5	3.5	1.5	-	90		
			10	-	-	-	-	-	-	10.0	8.5	6.5	4.5	2.5	-	-	88		
			15	-	-	-	-	-	-	9.0	7.5	5.5	3.5	1.5	-	-	84		
			20	-	-	-	-	-	-	8.0	6.0	4.0	2.0	-	-	-	81		
			25	-	-	-	-	-	-	7.0	5.0	3.0	1.0	-	-	-	78		

NOTES: Pressure switch pre-set 30-50 psi; the appropriate injector is included with the units; maximum pump working pressure is 150 psi; all the above discharge pressures were measured using 1.25" PVC suction pipe and 1.25" foot valve

JET PUMPS - CONVERTIBLE PRO (RM2) SERIES

DEEP-WELL PERFORMANCE

1" Dis. x 1-1/4" Suc. 1" Drive Pipe				Discharge Pressure (PSI)									Shut-off Pressure (PSI)	Inj. Min. Operating Pressure	
Model	HP	Injector Order No.	Total Suction Lift (ft)	30	35	40	45	50	55	60	65	70			
				Gallons Per Minute (GPM)											
FP05CI-C	1/2	147E1120	30	9.0	7.0	5.5	4.0	2.5	1.5	-	-	-	65	18	
			40	7.5	6.0	4.0	3.0	1.5	-	-	-	-	59		
			50	6.0	4.5	3.0	2.0	1.0	-	-	-	-	56		
			60	5.0	3.5	2.0	1.0	-	-	-	-	-	52		
		147E0915	50	6.0	5.0	4.0	3.0	2.5	2.0	1.0	-	-	-	74	23
			60	5.0	4.0	3.5	2.5	2.0	1.0	-	-	-	70		
			70	4.0	3.5	2.5	2.0	1.5	-	-	-	-	65		
			80	3.5	3.0	2.0	1.5	1.0	-	-	-	-	61		
			90	3.0	2.0	1.5	1.0	-	-	-	-	-	57		
			100	2.5	1.5	1.0	-	-	-	-	-	-	52		
FP07CI-C	3/4	147E1023	30	15.5	13.5	11.0	8.5	6.5	4.0	2.0	-	-	66	18	
			40	13.5	11.5	9.0	7.0	4.5	2.4	-	-	-	61		
			50	11.0	9.5	7.0	5.0	3.0	-	-	-	-	57		
			60	9.0	7.5	5.0	3.0	1.0	-	-	-	-	53		
		147E1118	50	9.0	8.0	7.0	6.0	4.5	3.5	3.0	2.0	1.0	1.0	80	23
			60	8.0	7.0	6.0	4.5	4.0	3.0	2.0	1.5	-	-	77	
			70	6.5	5.5	4.5	3.5	3.0	2.0	1.0	-	-	-	72	
			80	6.0	5.0	4.0	3.0	2.0	1.5	-	-	-	-	67	
			90	5.0	4.0	3.0	2.0	1.5	-	-	-	-	-	63	
			100	4.0	3.0	2.5	1.5	1.0	-	-	-	-	-	30	
FP1CI-C	1	147E1125	30	19.5	17.0	14.5	12.0	9.5	7.0	5.0	-	-	72	30	
			40	17.5	15.0	12.5	10.0	7.5	5.0	3.0	-	-	67		
			50	15.5	13.0	10.5	8.0	5.5	3.5	1.0	-	-	63		
			60	13.0	10.5	8.5	6.0	3.5	1.5	-	-	-	59		
		147E1120	50	-	11.0	9.5	8.0	6.5	5.0	4.0	3.0	2.0	-	82	36
			60	-	10.0	8.0	7.0	5.5	4.0	3.0	2.0	1.0	-	78	
			70	-	8.0	7.0	6.0	4.5	3.0	2.0	1.0	-	-	73	
			80	-	7.0	6.0	4.5	3.5	2.0	1.5	-	-	-	70	
			90	-	6.0	5.0	3.5	2.5	1.5	-	-	-	-	65	
			100	-	5.0	4.0	3.0	1.5	-	-	-	-	-	61	

NOTES: Pressure switch pre-set 30-50 psi; maximum pump working pressure 150 psi; all above discharge pressures were measured using 1.25" PVC suction pipe and 1.25" foot valve and 1 drive pipe