Economical. Reliable. Compatible.

Inline Controls Compatibility with FPS Pumps

FPS

Franklin Electric

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INLINE		FLW	SWC	SWP	ADJ 115V	ADJ 230V	CTL
		91987102	91987103	91987104	91987105	91987106	91987107
Operating Conditions	Motor Size	Up to 1.5 hp	Up to 2 hp	Up to 3 hp	Up to 0.75 hp	Up to 2 hp	Up to 3 hp
	Max Current	15 A	16 A	20 A	16 A	16 A	20 A
	Voltage	115/230V	115/230V	115/230V	115V	230V	115/230V
	Thread (In.)	1" MNPT	1" MNPT	1.25" MNPT	1" MNPT	1" MNPT	1.25" MNPT
	Max. Temperature	150 °F	150 °F	150 °F	150 °F	150 °F	150 °F
Features	Flow Based Pump Activation	✓	✓	✓	✓	✓	✓
	Run Dry Protection	✓	✓	✓	✓	✓	✓
	Low-Pressure Backup Activation		✓	✓	✓	✓	✓
	Replaces Pressure Switch and Tank	✓	✓	✓	✓	✓	✓
	Positive Suction Lift		✓	✓	✓	✓	✓
	Includes Pressure Gauge				✓	✓	✓
	Adj. Low-Pressure Backup Activation				✓	✓	
	Maximum Pressure Regulation						✓

Proper pump selection is essential for use with the Inline FLW, SWC, SWP, and ADJ as pump shut-off pressure will be realized within the system prior to shut down. If the pump size can not be reduced, select the Inline CTL with built-in pressure reducing valve.

FEATURES & BENEFITS

Specifically built for water pumping applications, Franklin Electric's Inline Controls include five pump starting and control devices that pair with a variety of submersible or surface pumps up to 20 amps (or approximately 3 hp) to provide or boost the system's overall water pressure – and in most cases, without the need of an additional bladder tank.

They also offer two unique features that ensure the system remains functional and hassle free, including a daily motor rotation start designed to energize the motor at least once every 24 hours to prevent system locking, and a unique automatic restart feature eliminating the need to manually restart the pump in the case of an unexpected trip or fault.

- **Less Equipment:** Eliminates the need for a bladder tank and pressure switch
- **Simplified Installation:** Reduces time, labor and the need for heavy equipment in applications where a buried tank would have been used
- **Built-in Control:** Allows pump to start automatically, on-demand
- **Automatic Restart Feature:** Eliminates the need to manually activate the pump after a system fault
- **System Reliability:** Built-in pump dry-run protection, check valve, and dead-head prevention
- **Fully Supported:** Comes fully supported by the industry's leading Technical Support professionals and Field Service Engineers

CISTERN PUMPS & SHALLOW WELL JET PUMPS

PUMP COMPATIBILITY			PUMP SPECIFICATIONS				INLINE CONTROLS					
Pump Series	Model	Order No.	Volts	Amps	Shut-off Pressure (ft)	Recommended Max (ft)	FLW 91987102	SWC 91987103	SWP 91987104	ADJ 115V 91987105	ADJ 230V 91987106	CTL 91987107
C1	10C1-05P4-2W115	90301005	115	10	224	204	✓	✓	✓*	✓		✓*
	10C1-05P4-2W230	90301010	230	5	224	204	✓	✓	✓*		✓	✓*
	20C1-05P4-2W115	90302005	115	10	140	125	✓	✓	✓*	✓		
	20C1-05P4-2W230	90302010	230	5	140	125	✓	✓	✓*		✓	
	20XC1-05P4-2W115	90302015	115	10	164	148	✓	✓	✓*	✓		
	20XC1-05P4-2W230	90302020	230	5	164	148	✓	✓	✓*		✓	
SWJ (Cyclone)	FSWJ05P	91090005	115	12.4	131	127		✓	✓*	✓		
			230	6.2	131	127		✓	✓*		✓	
	FSWJ07P	91090007	115	14.8	145	138		✓	✓*	✓		
			230	7.4	145	138		✓	✓*		✓	
	FSWJ10P	91093010	115	13	152	138		✓	✓*	✓		
			230	6.7	152	138		✓	✓*		✓	
Versajet	FVJ05CI	91180005	115	9.4	161	138		✓	✓*	✓		
			230	4.7	161	138		✓	✓*		✓	
	FVJ07CI	91180007	115	12.4	161	138		✓	✓*	✓		
			230	6.2	161	138		✓	✓*		✓	
	FVJ1CI	91180010	115	14.8	147	138		✓	✓*	✓		
			230	7.4	147	138		✓	✓*		✓	
	FVJ15CI	91180015	115	19.9	152	138			✓*			
			230	9.95	152	138			✓*			
Versajet Pro	FVJ05CI-P	91181005	115	12.4	161	138		✓	✓*	✓		
			230	6.2	161	138		✓	✓*		✓	
	FVJ07CI-P	91181007	115	14.8	147	138		✓	✓*	✓		
			230	7.4	147	138		✓	✓*		✓	
	FVJ1CI-P	91181010	115	19.9	152	138			✓*			
			230	9.95	152	138			✓*			

*NOTE: All pumps have a 1" discharge | * Device thread is a larger size than pump discharge (requires reducer coupling)*

MULTI-STAGE & HIGH PERFORMANCE BOOSTER PUMPS

PUMP COMPATIBILITY			PUMP SPECIFICATIONS				INLINE CONTROLS					
Pump Series	Model	Order No.	Volts	Amps	Shut-off Pressure (ft)	Recommended Max (ft)	FLW 91987102	SWC 91987103	SWP 91987104	ADJ 115V 91987105	ADJ 230V 91987106	CTL 91987107
BT4	5FBT05S4	95830510	115	12.4	360	350		✓	✓*	✓		✓*
			230	6.2	360	350	✓	✓	✓*		✓	✓*
	7FBT05S4	95830710	115	12.4	340	320	✓	✓	✓*	✓		✓*
			230	6.2	340	320	✓	✓	✓*		✓	✓*
	7FBT07S4	95830715	115	14.8	420	400	✓	✓	✓*	✓		✓*
			230	7.4	420	400	✓	✓	✓*		✓	✓*
	10FBT05S4	95831010	115	12.4	290	270	✓	✓	✓*	✓		✓*
			230	6.2	290	270	✓	✓	✓*		✓	✓*
	10FBT07S4	95831015	115	14.8	340	310	✓	✓	✓*	✓		✓*
			230	7.4	340	310	✓	✓	✓*		✓	✓*
	15FBT07S4	95831515	115	14.8	260	240	✓	✓	✓*	✓		✓*
			230	7.4	260	240	✓	✓	✓*		✓	✓*
	15FBT1S4	95831520	115	19.9	350	325			✓*			✓*
			230	9.95	350	325	✓	✓	✓*		✓	✓*
	20FBT07S4	95832015	115	14.8	180	175			✓*			✓*
			230	7.4	180	175			✓*			✓*
	20FBT1S4	95832020	115	19.9	260	250			✓*			✓*
			230	9.95	260	250			✓*			✓*
	20FBT15S4	95832025	230	12	360	350			✓*			✓*
	25FBT1S4	95832520	115	19.9	215	210			✓*			
			230	9.95	215	210			✓*			
	25FBT15S4	95832525	230	12	290	285			✓*			
	25FBT2S4	95832530	230	12	360	355			✓*			
MH	15FMH05S2	96061500	115	9.4	101	85	✓					
			230	4.7	101	85	✓					
	15FMH07S3	96061501	115	12.4	152	135	✓	✓	✓*	✓		
			230	6.2	152	135	✓	✓	✓*		✓	
	15FMH1S4	96061502	115	14.8	203	180	✓	✓	✓*	✓		✓*
			230	7.4	203	180	✓	✓	✓*		✓	✓*
	15FMH15S5	96061503	115	19.9	256	235			✓*			✓*
			230	9.95	256	235	✓	✓	✓*		✓	✓*
	15FMH2S6	96061504	230	12	311	285		✓	✓*		✓	✓*

*NOTE: All pumps have a 1" discharge | * Device thread is a larger size than pump discharge (requires reducer coupling)*

INLINE

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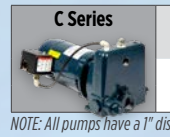
CONVERTIBLE JET PUMPS (WITH SHALLOW WELL INJECTOR)

PUMP COMPATIBILITY			PUMP SPECIFICATIONS				INLINE CONTROLS					
Pump Series	Model	Order No.	Volts	Amps	Shut-off Pressure (ft)	Recommended Max (ft)	FLW 91987102	SWC 91987103	SWP 91987104	ADJ 115V 91987105	ADJ 230V 91987106	CTL 91987107
Convertible VersaJet	FCVJ05CI	Multiple	115	9.4	122	161		✓	✓*	✓		
			230	4.7	122	161		✓	✓*		✓	
	FCVJ07CI	Multiple	115	12.4	136	161		✓	✓*	✓		
			230	6.2	136	161		✓	✓*		✓	
	FCVJ10CI	Multiple	115	14.8	136	161		✓	✓*	✓		
			230	7.4	136	161		✓	✓*		✓	
	FCVJ15CI	Multiple	115	19.9	164	161			✓*			
			230	9.95	164	161		✓	✓*		✓	
Convertible VersaJet Pro	FCVJ05CI-P	Multiple	115	12.4	136	161		✓	✓*	✓		
			230	6.2	136	161		✓	✓*		✓	
	FCVJ07CI-P	Multiple	115	14.8	136	184		✓	✓*	✓		
			230	7.4	136	184		✓	✓*		✓	
	FCVJ10CI-P	Multiple	115	19.9	164	184			✓*			
			230	9.95	164	184		✓	✓*		✓	
Con. Pro (RM2)	FP05CI-C	91140005	115	11.8	109	103		✓	✓*	✓		
			230	5.9	109	103		✓	✓*		✓	
	FP07CI-C	91140007	115	14.8	119	127		✓	✓*	✓		
			230	7.4	119	127		✓	✓*		✓	
	FP1CI-C	91140010	115	14.4	147	150		✓	✓*	✓		
			230	7.7	147	150		✓	✓*		✓	
C Series 	FE05CI-C	91060020	115	9.4	127	127		✓	✓*	✓		
			230	4.8	127	127		✓	✓*		✓	
	FE07CI-C	91060053	115	12.8	120	127		✓	✓*	✓		
			230	6.4	120	127		✓	✓*		✓	

*NOTE: All pumps have a 1" discharge | * Device thread is a larger size than pump discharge (requires reducer coupling)*

CONVERTIBLE JET PUMPS (WITH DEEP WELL INJECTOR)

PUMP COMPATIBILITY			PUMP SPECIFICATIONS				INLINE CONTROLS					
Pump Series	Model	Order No.	Volts	Amps	Shut-off Pressure (ft)	Recommended Max (ft)	FLW 91987102	SWC 91987103	SWP 91987104	ADJ 115V 91987105	ADJ 230V 91987106	CTL 91987107
Convertible VersaJet	FCVJ15CI	Multiple	115	19.9	120	127			✓*			
			230	9.95	120	127		✓	✓*		✓	
Convertible VersaJet Pro	FCVJ10CI-P	Multiple	115	19.9	120	127			✓*			
			230	9.95	120	127		✓	✓*		✓	
Con. Pro (RM2)	FP05CI-C	91140005	115	11.8	120	127		✓	✓*	✓		
			230	5.9	120	127		✓	✓*		✓	
	FP07CI-C	91140007	115	14.8	122	150		✓	✓*	✓		
			230	7.4	122	150		✓	✓*		✓	
	FP1CI-C	91140010	115	14.4	136	150		✓	✓*	✓		
			230	7.7	136	150		✓	✓*		✓	
C Series	FE05CI-C	91060020	115	9.4	120	115		✓	✓*	✓		
			230	4.8	120	115		✓	✓*		✓	
	FE07CI-C	91060053	115	12.8	115	115		✓	✓*	✓		
			230	6.4	115	115		✓	✓*		✓	

*NOTE: All pumps have a 1" discharge | * Device thread is a larger size than pump discharge (requires reducer coupling)*

TRANSFER PUMPS

PUMP COMPATIBILITY			PUMP SPECIFICATIONS				INLINE CONTROLS					
Pump Series	Model	Order No.	Volts	Amps	Shut-off Pressure (ft)	Recommended Max (ft)	FLW 91987102	SWC 91987103	SWP 91987104	ADJ 115V 91987105	ADJ 230V 91987106	CTL 91987107
DDS	5FPDDS1-S	93178056	115	12	74	70	✓					
			230	6	74	70	✓					

NOTE: All pumps have a 1" discharge