



H-SERIES TECHNICAL DATA SHEET

SERIES: FR1200, FR2400, FR4200, FR4400, FR600, SD1200, SD600

A series of fuel transfer pumps with UL/cUL certifications that are compatible with gasoline, diesel, fuel blends such as biodiesel up to 20% and gasoline with up to 15% ethanol, mineral spirits, and kerosene.

PRODUCT PARTS	PRODUCT MATERIALS
Pump Housing	Cast Iron
Rotor	Powdered Iron
Vane	Sintered Bronze
Strainer Mesh	Stainless Steel
Wetted	Buna-N, Fluorocarbon, Ceramic, Cork, Thermoset, Steel, Stainless Steel

	DESCRI	PTION	FR1200	FR4200	SD1200	FR4400	FR2400	FR600	SD600		
	VOLTAGE, S	SUPPLY (DC/AC)		12V DC		24V DC		115V AC / 60HZ			
		POWER (HP)			1/4 TH			1/0	Ĝ [™]		
	AM	PS (FULL LOAD)	26	28	26	18	15	2.	5		
	AMPS (RATED)		20	19	20	13	10	2.	0		
0R	RPM				2000 RPM						
MOTOR	POWER CORD*	LENGTH	1	8'	15'	1	8'	NOT INCLUDED			
2	POWER CORD	AWG		12					NOT INCLUDED		
		DUTY CYCLE	30 MINUTES (ON), THEN 30 MINUTES (OFF)								
	THERMAL PROTE	CTION (MOTOR)	YES								
	RECOMMENDED CIRCUIT PROTECTION		30 AMP			20 AMP		15 AMP			

^{*}Power cord not included in pump only models.

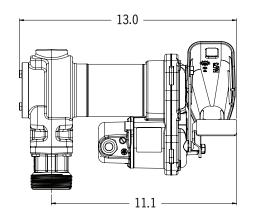
	DESCRIPTION		FR1200	FR4200	SD1200	FR4400	FR2400	FR600	SD600			
		Maximum GPM	15	20	13	20	1;	5	13			
	BYP	ASS PRESSURE				16 PSI						
	MINIMUM DRY VAC					5 IN-HG						
_	AT SEA LEVEL 70° F (21.1° C)	SUCTION LIFT		8' MAXIMUM								
PUMP		OUTLET HEAD		37' MAXIMUM								
—	INLET					1" NPT						
	OUTLET		3/4" NPT	1" NPT	3/4" NPT	1" NPT	NPT 3/4" NPT					
	MOUNT			2" NPT INLET BUNG								
		WARRANTY	LIMITED LIFETIME WARRANTY† 1 YEAR LIMITED LIFETIME WARRANTY†					ANTY [†]	1 YEAR			

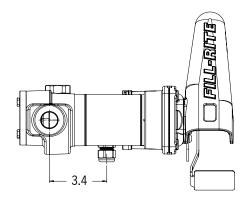
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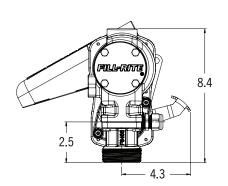
MODEL NUMBER	NOZZLE	HOSE	METER	INLET TUBE	POWER CORD	SPECIAL	VOLTAGE	OUTLET	
FR1204H			PUMP	PUMP ONLY MODEL					
FR1210H	MANUAL	12'							
FR1210HA	AUTO GASOLINE	12'							
FR1210HA1	AUTO DIESEL	12'							
FR1210HARC	AUTO ARCTIC	15'				SWIVEL			
FR1210HN				METAL, TELESCOPING,	12 AWG AT 18'		12V DC		
FR1211H	MANUAL	12'	807C	20" - 34 ½"	12 AWG AT 18				
FR1211HL	MANUAL	12'	807CL					3/4"	
FR1211HLN			807CL						
FR1211HN			807C						
FR1219H	MANUAL	12'	TT10AN						
FR2404H			PUMP	ONLY MODEL					
FR2410H	MANUAL	12'					247 DC		
FR2411H	MANUAL	12'	807C	METAL, TELESCOPING, 20" - 34 ½"	12 AWG AT 18'		24V DC		
FR2411HL	MANUAL	12'	807CL						
FR4204H			PUMP	ONLY MODEL			12V DC	1"	
FR4210H	MANUAL	12'			12 AWG AT 18'				
FR4210HARC	AUTO ARCTIC	20'				SWIVEL			
FR4210HB	ULTRA HI-FLOW	12'							
FR4210HD	AUTO DIESEL	12'							
FR4210HDS	AUTO DIESEL	12'				SWIVEL			
FR4210HBFQ	ULTRA HI-FLOW	18'		METAL, TELESCOPING, 20" - 34 ½"	10 AWG AT 25' WITH CLAMPS				
FR4210HN				20 - 34 72					
FR4211H	MANUAL	12'	901C						
FR4211HL	MANUAL	12'	901CL		12 AWG AT 18'				
FR4211HLN			901CL		12 AWG AT 10				
FR4211HN			901C						
FR4219H	MANUAL	12'	TT10AN						
FR4406H			PUMP	ONLY MODEL					
FR4410H	MANUAL	12'		METAL, TELESCOPING, 20" - 34 ½"			24V DC		
FR604H			PUMP	ONLY MODEL					
FR610H	MANUAL	12' UL		METAL, TELESCOPING,			115V AC		
FR610HA	AUTO GASOLINE	12' UL		20" - 34 ½"				- 3/4"	
SD1202H	MANUAL	10'		DVO 15 1/1 00 1/1	12 AWG AT 15'		100 00		
SD1202HA	AUTO GASOLINE	10'		PVC, 15 ¼" - 29 ¼"	12 AWG AT 15'		12V DC		
SD602H	MANUAL	12' UL		PVC, 15 ¼" - 43 ¼"			115V AC		

DIMENSIONAL DATA INFORMATION

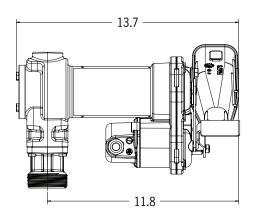
FR1200, FR2400, FR4400, FR600, SD1200, and SD600 (Dimensions displayed in inches)

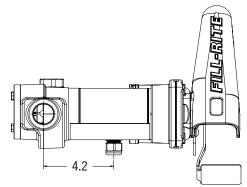


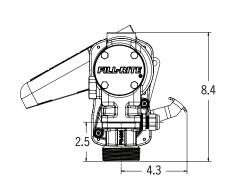




FR4200 (Dimensions displayed in inches)

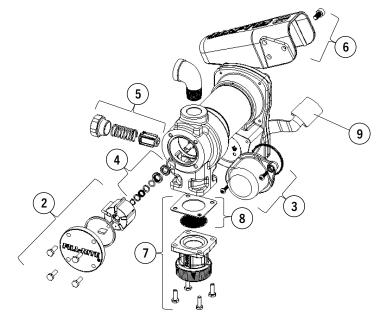




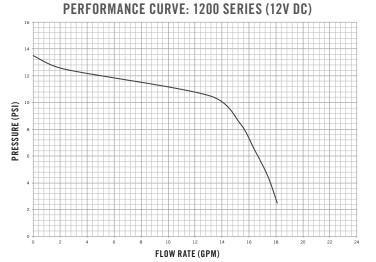


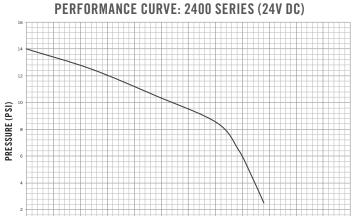
KIT INFORMATION

#	Kit	Description	Parts
1	KIT120BD*	BioDiesel Kit*	O-ring seal, bypass valve poppet, bypass cap seal, inlet seal
2	KIT120RGG	Rotor and Vane Kit	Rotor cover, rotor, vanes, rotor key, O-ring seal, attaching hardware
3	KIT120JCH	Junction Cover Kit	Junction cover, seal, fasteners
4	KIT120SL	Seal Kit	O-ring, shaft seals, retainer clip
5	KIT120BV	Bypass Service Kit	Bypass valve, valve spring, bypass cap, O-ring seal
6	KIT120NB	Nozzle Boot Kit	Nozzle boot, attaching hardware
7	KIT120BG	Inlet Flange Kit	Inlet flange (bung), attaching hardware, inlet seal, screen
8	KIT120SG	Inlet Gasket and Screen	Gasket for inlet (bung) and screen
9	KIT120SWH	Switch Lever Kit	Switch lever, mounting hardware

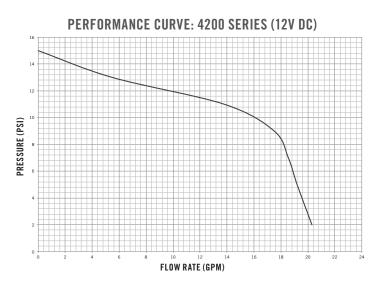


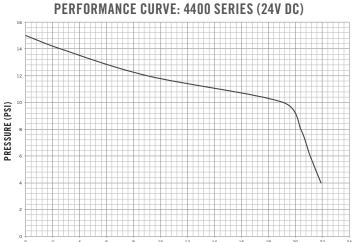
PERFORMANCE CURVES: FR1200, FR2400, FR4200, FR4400, and FR600 SERIES



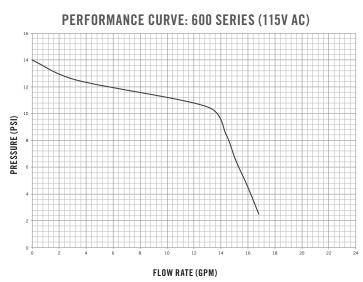


FLOW RATE (GPM)





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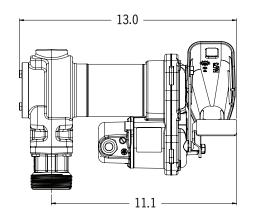
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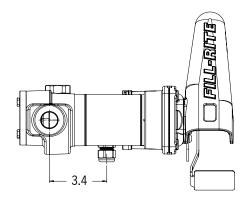
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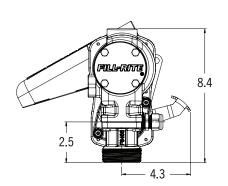
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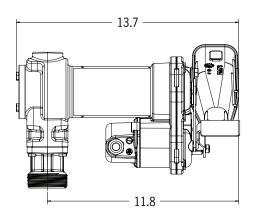
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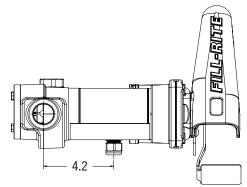


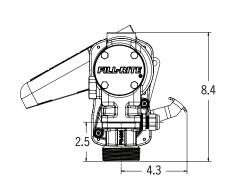




FR4200 (Dimensions displayed in inches)

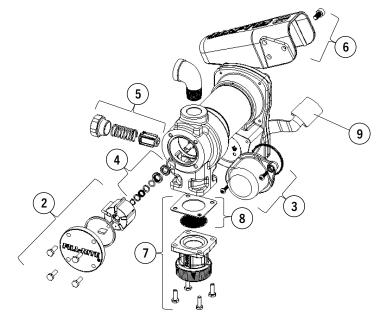






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