

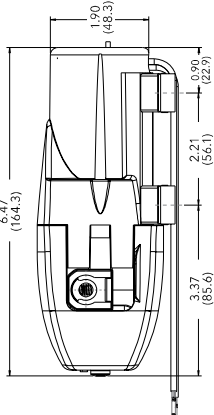
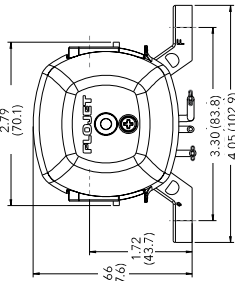
LF Plus Series

Motor Driven



DIMENSIONAL DRAWINGS

Unless otherwise stated, dimensions are in inches and (mm).



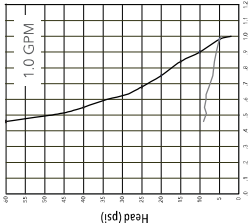
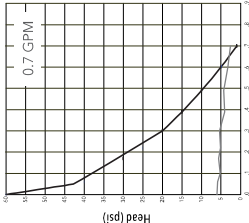
FOR INTERNATIONAL & US MARKETS

These pumps are the ideal solution for many applications including spraying, fluid transfer, filtration, cooling, dispensing and pressure boosting.

FEATURES

- Sealed pressure switch automatically starts and stops pump when discharge valve opens and closes
- Self-priming so pump can be located above supply tank
- Can run dry for extended periods of time without damage
- Built-in thermal protector
- Low amp draw for battery-powered applications

PERFORMANCE



SPECIFICATIONS

PUMP DESIGN	Reciprocating diaphragm
VOLTAGE**	12V DC, 24V DC, 115V AC
MAX FLOW RATE	0.7 GPM (2.6 LPM)-1 GPM (3.8 LPM)
DUTY CYCLE	Intermittent
MAX PRESSURE	40 psi (2.8 bar) when no pressure switch is present
SELF-PRIMING	Up to 6' (1.8m)
PORTS*	Quick connect barb 1/4" (6mm) and 3/8" (10mm); John Guest/quick fit 1/4" (6mm) and 3/8" (10mm) straight and elbow available
HOUSING	Polypropylene
CHECK VALVE SPRING	Stainless steel
LIQUID TEMPERATURE RANGE	36°F (2°C) to 110°F (43°C)

IOM #81000-230

* See accessories section

** See table

LF Plus Series

MODELS

MODEL #	CE	VOLTAGE	OPEN FLOW	SWITCH	BYPASS	MAX AMP DRAW	DIAPHRAGM	CHECK VALVE	PORTS
LFP521002	No	115V AC	0.7 GPM (2.6 LPM)	No	No	0.3A	EP/PP blend	EPDM	Quick disconnect 3/8" (10mm) HB straight
LFP521402	No	115V AC	0.7 GPM (2.6 LPM)	40 psi (2.8 bar)	No	0.3A	EP/PP blend	EPDM	Quick disconnect 3/8" (10mm) HB straight
LFP521401	No	115V AC	0.7 GPM (2.6 LPM)	40 psi (2.8 bar)	No	0.3A	EP/PP blend	FKM	Quick disconnect 3/8" (10mm) HB straight
LFP521401	No	12V DC	0.7 GPM (2.6 LPM)	40 psi (2.8 bar)	55 psi (3.8 bar)	2A	EP/PP blend	FKM	Quick disconnect 3/8" (10mm) HB straight
LFP122201	RLF122201	12V DC	1 GPM (3.8 LPM)	35 psi (2.4 bar)	No	3.5A	EP/PP blend	FKM	Quick disconnect 3/8" (10mm) HB straight
LFP122005	No	12V DC	1 GPM (3.8 LPM)	No	No	3.5A	Buna/PP blend	FKM	Quick disconnect 3/8" (10mm) HB straight
LFP122201	RLF122201	12V DC	1 GPM (3.8 LPM)	35 psi (2.4 bar)	No	3.5A	EP/PP blend	FKM	Quick disconnect 3/8" (10mm) HB straight
LFP121421	RLF121421	12V DC	0.7 GPM (2.6 LPM)	40 psi (2.8 bar)	55 psi (3.8 bar)	2A	EP/PP blend	FKM	Quick disconnect 3/8" (10mm) HB straight
LFP222002	RLF222002	24V DC	1 GPM (3.8 LPM)	No	No	2A	EP/PP blend	EPDM	Quick disconnect 3/8" (10mm) HB straight
N/A	RLF222202	24V DC	1 GPM (3.8 LPM)	35 psi (2.4 bar)	No	2A	EP/PP blend	EPDM	Quick disconnect 3/8" (10mm) HB straight
N/A	RLF222201	24V DC	1 GPM (3.8 LPM)	35 psi (2.4 bar)	No	2A	EP/PP blend	FKM	Quick disconnect 3/8" (10mm) HB straight
N/A	RLF221422	24V DC	0.7 GPM (2.6 LPM)	40 psi (2.8 bar)	55 psi (3.8 bar)	2A	EP/PP blend	EPDM	Quick disconnect 3/8" (10mm) HB straight

Additional pump models are available. Alternate barb sizes and tubing connection configurations are available. Please contact us if you do not see what you are looking for.