



MASTERFLEX[®]

B/T[®] ANALOG AND DIGITAL VARIABLE-SPEED SYSTEMS

IDEAL FOR LARGE FLUID TRANSFER AND
DISPENSING APPLICATIONS



**B/T Analog Pump
System**

B/T ANALOG PUMP SYSTEM

- Simple one-hand opening/closing
- Reinforced base and motor mount with return bend for easy installation
- Achieve the highest flow rates of any Masterflex pump—up to 42 LPM (11.1 GPM)
- Simple controls make this easy-to-operate
- Washdown pumps handle the toughest process and production applications, then clean up with ease
- Detachable controller with 1.9 m (6 ft) cord mounts on pump or wall
- IP56-rated motor protects against dust and strong jets of water
- Reversible motor: purge before or after pumping, pump fluid in either direction
- Includes 6 ft line cord—115 VAC: US Standard plug; 230 VAC European plug



**B/T Digital Modular
Pump System**

B/T DIGITAL MODULAR PUMP SYSTEM

- Simple one-hand opening/closing
- High-volume, high-accuracy dispensing
- Dispense by volume or time, or pump continuously
- Separate motor and controller for convenient operation
- IP56-rated controller and motor protect against dust and water
- Keypad lock/unlock feature helps lock in your settings and prevents accidental or unauthorized changes
- Simple intuitive controls. Start, stop, prime, reverse, calibrate, and dispense using the sealed keypad
- Display shows flow rate in metric or units (LPM)

FOR MORE INFORMATION:

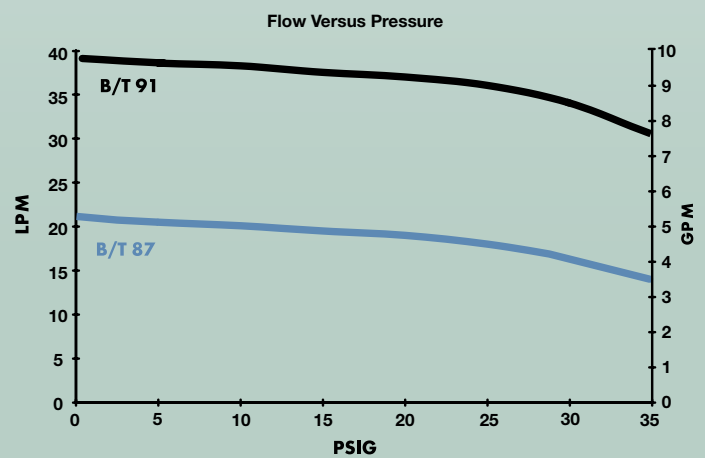
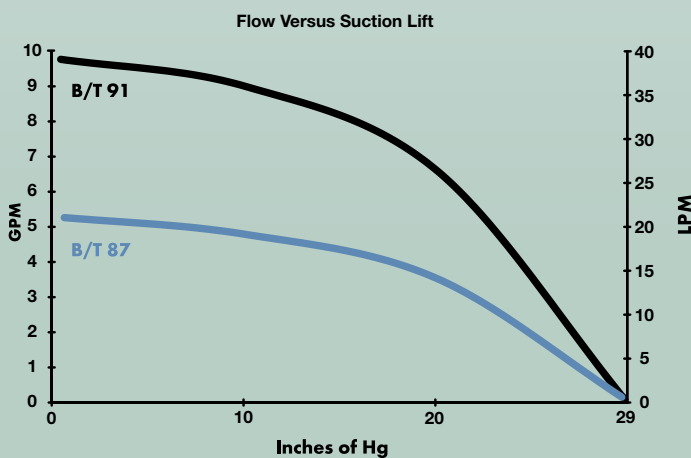
503.582.9067 or 877.582.9067

support@zerodayllc.com

zerodayllc.com



	B/T Analog Modular Pump System		B/T Digital Modular Pump System	
CATALOG NUMBER	MK-77111-60	MK-77111-67	MK-77111-40	MK-77111-47
PERFORMANCE				
Flow Capacity (ml/min)	37 LPM (9.7 GPM) Typical			
RPM	12 to 321		11 to 321	
Reversible	Yes			
Number of Channels	One			
External Control - Input	Not Applicable		0-20 mA; 4-20 mA; or 0-10V DC; Start/Stop; CW/CCW; PRIME (contact closure)	
External Control - Output	Not Applicable		0-20 mA; 4-20 mA; or 0-10 V DC; Tach Motor Running (N.C. or N.O. contact closure)	
Tach Output	Not Applicable		TTL Hz 128-7680Hz	
ELECTRICAL SPECIFICATIONS				
Voltage (AC) 60/50 (Hz)	115V, 60Hz 1Ph	230V, 50/60Hz 1Ph	115V, 60Hz 1Ph	230V, 50/60Hz 1Ph
Current	6.5A	3.3A	6.5A	3.3A
Motor Type	NEMA 56C Face, TENV, PMDC			
Motor Size	1/2 HP (0.37 kW)			
Speed Regulation of Setpoint (repeatability)	± 5% (± 5 rpm)		± 0.25% F.S.	
Self start / Electronic brake	Not Applicable		Yes	
Display	Not Applicable		Four Digit, Seven Segment LED	
PHYSICAL SPECIFICATIONS				
Housing Materials	Polyester powder coated aluminum, Powder coated steel and 300 Stainless steel			
Pump Head Materials	NYLATRON® rollers, DELRIN®, Polyester powder coated cast iron			
Operating Temperature	0 to 40°C (32 to 104°F)			
Storage Temperature	-20 to 60°C (-4 to 140°F)		-45 to 65°C (-49 to 149°F)	
IP Rating	IP56		IP56 (NEMA 4)	
Agency Approvals	ETL, cETL, CE (230V only)			
Dimensions (L x W x H)	70.7 x 40.4 x 42.4 cm (27.6 x 15.9 x 16.7 in)		71.7 x 40.4 x 38.3 cm (28.25 x 15.9 x 15.1 in)	
Pump Dimensions (L x W x H)			28 x 11.4 x 23 cm (11 x 4.5 x 9 in)	
Controller Dimensions (L x W X H)			28 x 11.4 x 23 cm (11 x 4.5 x 9 in)	
Shipping Weight	43 kg (95 lb)		47 kg (98 lb)	



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