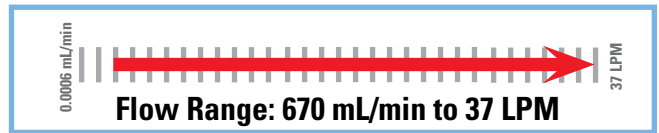


## C Variable-Speed Pump

### Place detachable washdown controller wherever it's convenient

- Detachable controller with 10-ft (3-m) 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: U.S. standard plug; 230 VAC: European plug



## D Air-Powered Pump

### Use in locations where electricity is unsafe or impractical

- Includes pressure regulator—control your compressor air to match pump requirements
- 12 cfm (0.34 m<sup>3</sup>), 40 psi (2.7 bar) minimum air required, supply your own compressor to power pump
- IP56-rated motor protects against dust and strong jets of water

**C** Variable-speed pump 77110-60 is convenient and versatile.



Close-up of the detachable wall-mount controller for variable-speed pumps 77110-60 and -67.



**New**

**D** Air-powered pump 77110-80 (shown with B/T® 91 silicone pump tubing 96400-91) operates where electricity is unsafe or not available.



**New**

### GO to page(s) 1304

All Masterflex® B/T® pumps come with 3 ft (1 m) of Tygon® LFL B/T 91 pump tubing. To order additional sizes or formulations of pump tubing, see page 1304.

### Low-Cost Plastic Service Cart

Perfect for transporting your B/T® pump around the process area. Shown with optional middle shelf 09348-13 (order separately below). Transport up to 400 lb. Comes with 5" rubber casters (two swivel), seamless shelves and supports, radius corners, and molded handle.



**EK-09348-10** Plastic service cart, 40 1/2"L x 25 3/4"W x 32 3/4"H  
**EK-09348-13** Middle shelf

### Flow Rates in LPM (GPM)

Key letter	rpm	PerfectPosition™ pump tubing	
		B/T® 87	B/T® 91
<b>C</b>	12 to 321	0.67 to 17.7 (0.17 to 4.7)	1.4 to 37 (0.4 to 9.8)
<b>D</b>	35 to 321	1.9 to 17.7 (0.5 to 4.7)	4.0 to 37 (1.06 to 9.8)

### Specifications & Ordering Information

Key letter	Catalog number	Motor type	Motor size	rpm	IP rating	Mounting type	Dimensions (L x W x H)	Power		Price
								VAC (Hz)	Amps	
<b>C</b>	<b>KH-77110-60</b>	Variable-speed	1/2 hp (0.37 kW)	12 to 321	IP56	Direct-drive	26" x 15 1/2" x 12 1/2" (66 cm x 40 cm x 31.8 cm)	115 (50/60)	5	
	<b>KH-77110-67</b>							230 (50/60)	2.5	
<b>D</b>	<b>KH-77110-80</b>	Variable-speed, air powered	3/4 hp (0.56 kW)	35 to 321	IP56	Direct-drive	16 1/2" x 20 1/2" x 12 1/2" (42 x 52 x 31.8 cm)	Requires 12 cfm (0.34 m <sup>3</sup> ) 40 psi (2.7 bar) minimum		

ISO 9001:2000  
CERTIFIED SUPPLIER

UL US  
77110-60, -67  
only



2 year warranty