

## Flow Rates per Channel in LPM (GPM)

Speed (rpm)	Precision pump tubing			High-performance precision pump tubing		
	I/P® 26	I/P 73	I/P 82	I/P 70	I/P 88	I/P 89
33 to 650	0.20 to 4.0 (0.05 to 1.0)	0.41 to 8.0 (0.11 to 2.1)	0.66 to 13.0 (0.18 to 3.5)	0.41 to 8.0 (0.11 to 2.1)	0.66 to 13.0 (0.18 to 3.5)	0.86 to 17.0 (0.23 to 4.5)

## Specifications & Ordering Information for Variable-Speed Brushless Drives

ISO9001:2000 SUPPLIER CERTIFIED   2 year warranty

Catalog number	Motor size	Motor speed (rpm)	Speed control (repeatability)	Pump heads accepted	IP rating	Dimensions (L x W x H)	Power (50/60 Hz)		Price
							VAC	Amps	
<b>Variable-speed brushless process drive</b>									
<b>K-77410-10</b>	1/2 hp (0.25 kW)	33 to 650	±0.25% (2% of max rpm)	2	IP55	14" x 10" x 9 1/2" (34.2 x 25.2 x 23 cm)	90 to 260	4.5 A at 115 VAC 2.6 A at 230 VAC	
<b>Variable-speed brushless process drive with remote I/O</b>									
<b>K-77411-00</b>	1/2 hp (0.25 kW)	33 to 650	±0.25% (2% of max rpm)	2	IP55	14" x 10" x 9 1/2" (34.2 x 25.2 x 23 cm)	90 to 260	2.6 A at 230 VAC 4.5 A at 115 VAC	

## Accessories (for 77411-00 only)

**K-07595-43** Washdown footswitch

**K-77300-32** Remote cable kit

## Complete I/P® Brushless Process Pump Systems

### Complete Systems 1 and 2 include:

Pump Head	+	Tubing	+	Drive
<b>1</b> I/P® Easy-Load® pump head 77601-10 (page 1483)		Tygon® LFL I/P 73 tubing 06429-73 10 ft (3 m) (page 1485)		I/P Brushless process drive 77410-10 33 to 650 rpm (above)
<b>2</b> I/P High-Performance pump head 77600-62 (page 1484)		Tygon LFL I/P 88 tubing 06429-88 3 ft (1 m) (page 1485)		I/P Brushless process drive 77410-10 33 to 650 rpm (above)

### Ordering Information for Complete Pump Systems 1 and 2

Catalog number	Description	Power	Price
<b>1</b> K-77963-10	I/P brushless process system with Easy-Load pump head	90 to 260 VAC, 50/60 Hz	
<b>2</b> K-77963-20	I/P brushless process system with High-Performance pump head		

Note: Order accessories separately above.

Flow Range:  
0.41 to 8.0 LPM

**1**  
77963-10



**2**  
77963-20

Flow Range:  
0.66 to 13.0 LPM

### Complete Systems 3 and 4 include:

Pump Head	+	Tubing	+	Drive
<b>3</b> I/P® Easy-Load® pump head 77601-10 (page 1483)		Tygon® LFL I/P 73 tubing 06429-73 10 ft (3 m) (page 1485)		I/P Brushless process drive 77411-00 33 to 650 rpm (above)
<b>4</b> I/P High-Performance pump head 77600-62 (page 1484)		Tygon LFL I/P 88 tubing 06429-88 3 ft (1 m) (page 1485)		I/P Brushless process drive 77411-00 33 to 650 rpm (above)

### Ordering Information for Complete Pump Systems 3 and 4

Catalog number	Description	Power	Price
<b>3</b> K-77965-00	I/P brushless process system with remote I/O and Easy-Load pump head	90 to 260 VAC, 50/60 Hz	
<b>4</b> K-77965-10	I/P brushless process system with remote I/O and High-Performance pump head		

Note: Order accessories separately above.

Flow Range:  
0.41 to 8.0 LPM

**3**  
77965-00



**4**  
77965-10

Flow Range:  
0.66 to 13.0 LPM