

**DIAPHRAGM METERING PUMPS**

Simplex GPH	HP	Simplex No.	Price	Duplex No.	Price	Triplex No.	Price	Old No.
1	1/3	JN101A	1,445.00	JN201A	2,245.00	JN301A	3,045.00	JR101A
2	1/3	JN102A	1,445.00	JN202A	2,245.00	JN302A	3,045.00	JR102A
4	1/3	JN104A	1,445.00	JN204A	2,245.00	JN304A	3,045.00	JR104A
5	1/3	JN105A	1,445.00	JN205A	2,245.00	JN305A	3,045.00	
7	1/3	JN107A	1,445.00	JN207A	2,245.00	JN307A	3,045.00	JR107A
11	1/3	JN111A	1,445.00	JN211A	2,245.00	JN311A	3,045.00	
5	1/3	MF105A	1,890.00	MF205A	2,950.00	MF305A	4,010.00	M-0525
9	1/2	MF109C*	2,105.00	MF209C*	3,165.00	MF309C*	4,225.00	
10	1/3	MF110A	1,970.00	N/A		N/A		M-1025
10	1/2	MF110C	2,015.00	MF210C	3,075.00	MF310C	4,135.00	M-1050
18	1/3	MF118A	2,065.00	N/A		N/A		M-1825
18	1/2	MF118C	2,105.00	MF218C	3,165.00	MF318C	4,225.00	M-1850
36	1/3	MF136A	2,115.00	N/A		N/A		M-3625
36	1/2	MF136C	2,155.00	MF236C	3,215.00	MF336C	4,165.00	M-3650
60	1/3	MF160A	2,155.00	N/A		N/A		M-5425
60	1/2	MF160C	2,200.00	MF260C	3,260.00	MF360C	4,320.00	M-5450
60	3/4	MF160D	2,240.00	MF260D	3,300.00	MF360D	4,360.00	
75	1/2	MF190C	2,375.00	MF290C	3,435.00	MF390C	4,495.00	M-9050
96	3/4	MH196D	2,990.00	MH296D	4,955.00	N/A		
125	1	MH1125E	3,070.00	MH2125E	5,035.00	N/A		
150	1.5	MH1150F	3,130.00	MH2150F	5,095.00	N/A		
180	1	MH1180E	3,350.00	MH2180E	5,315.00	N/A		
180	1.5	MH1180F	3,390.00	MH2180F	5,355.00	N/A		

NOTES:

- For MF Series Quadruplex pricing add \$830.00 to appropriate triplex pricing, MF Series only.
- Model MF109C is designed for use with variable speed motor only, see page 2 for motor option selection.
- **Standard Construction:**  
 JN Series price includes: PVC solution head, Neoprene diaphragm, 316 SS valve balls; motor: 1/60/115-230 TEFC  
 MF Series price includes: Cast Iron solution head, Neoprene diaphragm, 316 SS valve balls; motor: 3/60/230-460 TEFC  
 MH Series price includes: 316 SS solution head, Neoprene diaphragm, 316 SS valve balls; motor: 3/60/230-460 TEFC
- For pricing for other motors, construction features and options see prices below and on page 2.
- Standard paint finish is blue acrylic enamel.

**PUMP OPTIONS**

Add the price shown as an additional amount for each simplex pump (doubled for duplex pump).

Note: Double diaphragm adder is in addition to diaphragm option from left column. N/C = no extra charge N/A = not available

Solution head	MH Series	MF Series	JN Series
Cast iron	N/A	N/C	N/A
316 SS	N/C	50.00	165.00
PVC	60.00	25.00	N/C
Teflon	570.00	310.00	165.00
Polypropylene	N/A	35.00	N/A

DDB Double Diaphragm	MH Series	MF Series	JN Series
Neoprene	430.00	145.00	135.00
Hypalon	430.00	145.00	135.00
Viton	585.00	265.00	150.00

Diaphragm	MH Series	MF Series	JN Series
Neoprene	N/C	N/C	N/C
Hypalon	5.00	N/C	5.00
Viton	155.00	165.00	130.00
Teflon Faced Neoprene	160.00	55.00	125.00
Teflon faced Viton	320.00	190.00	N/A

Valve Balls	MH Series	MF Series	JN Series
316 SS	N/C	N/C	N/C
Ceramic	N/A	55.00	20.00
Hastelloy C	365.00	115.00	80.00
Carpenter 20	195.00	N/A	N/A
Viton	45.00	N/A	N/A
Teflon	10.00	10.00	N/C

316 SS - DDB Double Diaphragm required for Leak Detector Switch

Paint Finish	MH Series	MF Series	JN Series
Epoxy/poly	100.00	75.00	50.00

Leak detector switch	Part no.	Price
NEMA 4 - 316 SS	MP138A	470.00
NEMA 7/9 - 316 SS	MP138B	855.00

Additional MF Series Options	Price
Vertical valve caps 3/4" NPT	N/C
Cone type valves, 303 SS	40.00
M-200 Spring loaded valves	50.00
M-115 rigid seat valves, 316 SS	20.00
M-115 rigid seat valves, Carpenter 20	N/A

Additional MH Series Options	Price
Valve seats, Teflon/glass filled	N/C
Valve seats, 316 SS	45.00
Valve seats, ceramic	80.00

**Pump motor options-adders to list prices for single speed motors**

H.P.	Pump series	Deduct motor & Cplg	Explosion proof 1/60/115	Explosion proof 3/60/230-460	TEFC 1/60/115-230	50 Hz 1/50/110-220 TEFC	3 phase TEFC 3/60/230-460	Mill & Chem Duty 3/60/230-460
1/3	JN Series	-295.00	305.00	320.00	N/C	*	N/C	*
1/3	MF Series	-245.00	340.00	355.00	60.00	*	N/C	*
1/2	MF Series	-275.00	370.00	345.00	80.00	*	N/C	*
3/4	MF & MH	-295.00	475.00	425.00	125.00	*	N/C	*
1.0	MH Series	-360.00	505.00	420.00	95.00	*	N/C	*
1.5	MH Series	-400.00	NA	730.00	140.00	*	N/C	*

Note: \* contact factory for pricing

**Variable speed motors; DC and AC inverter duty**

H.P.	Pump series	90 V DC TENV	90 V DC Washdown duty	3/60/230-460 TEFC	3/60/230-460 Washdown	Explosion proof 3/60/230-460
1/3	JN Series	*	*	240.00	240.00	*
1/3**	MF Series	*	*	N/A	N/A	*
1/2	MF Series	*	*	285.00	285.00	*
3/4	MF & MH	*	*	280.00	280.00	*
1.0	MH Series	*	*	285.00	285.00	*
1.5	MH Series	*	*	320.00	320.00	*

\*\* For variable speed motors for MF Series pump applications requiring a 1/3 HP single speed motor, use the model number and price for a 1/2 HP motor pump of the same capacity for both the base price and the variable speed motor adder

**Variable speed drive controllers; DC and AC, all with 4-20 mA signal follower**

Max H.P.	Manufacturer	Enclosure	Power in	Power out	Part no.	Price
1	KB Electronics	NEMA 4X	1/60/115	9-90 v DC	KBPC-240D	495.00
1	KB Electronics	NEMA 4	1/60/115-230	3/6-60/230	KBAC-24D	670.00
1.5	KB Electronics	NEMA 4	1/60/115-230	3/6-60/230	KBAC-27D	895.00
2	KB Electronics	NEMA 4	3/60/230	3/6-60/230	KBAC-29	895.00
2	KB Electronics	NEMA 4	3/60/460	3/6-60/460	KBAC-45	945.00