Honeywell | Connected Building

REENGINEERED FOR RESILIENCE & VALUE

VR Series Butterfly Valves MB Series Actuators

The Control Valves You Trust for Crucial Applications

Greater versatility. Tougher durability. Easier to see, easier to use, and backed by longer warranties. At Honeywell, a control valve is never "just a control valve," because we never stop looking for ways to improve the value they bring to your operations.

Our reengineered portfolio of control valves and actuators ensures you have the tools you need for any application – and this guide will help you quickly find the right ones. **VR2 Series Butterfly Valves**



NEMA 4X 2 - 5" FIP/EFS/SR

- NEMA 2 2 - 3" FIP/EFS
- NEMA 2 4 - 5" FIP/EFS

2 s

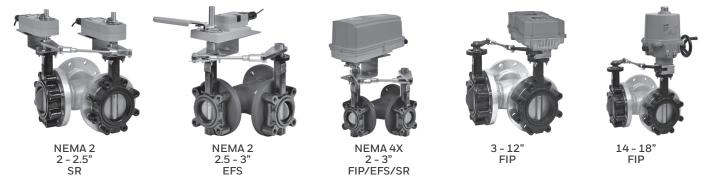
6 - 12" FIP

14 - 24" FIP

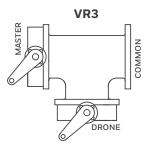
2 - 2.5" SR

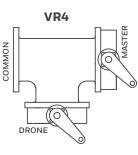
6 - 12" EFS

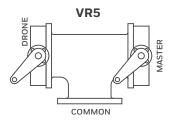
VR3, VR4 and VR5 Series Butterfly Valves



VR3, VR4 and VR5 valves are not flow directional. Can be used in both mixing and diverting applications.







LEGEND

- VR = Valve Resilient
 (Resilient Seated Butterfly Valves)
- VR2 = Valve Resilient 2-Way
- VR3 = Valve Resilient 3-Way
- VR4 = Valve Resilient 3-Way
- VR5 = Valve Resilient 3-Way

- **MB** = Motor Butterfly
- FIP = Fail in Place
- MBP = Actuator Type for Fail-in-Place (Motor Butterfly Place)
- **SR** = Spring Return Fail-Safe
- MBS = Actuator Type for Spring Return (Motor Butterfly Spring)
- **EFS** = Electronic Fail-Safe
- MBE = Actuator Type for Electronic Fail-Safe (Motor Butterfly Electronic Fail-Safe)

VR2 – 2 through 5 inches

Fail-In-P	lace Actu	ators		Control Signal	Floating	•	•		
5-Year W	arranty				2-Position SPDT	•	•		
					Modulating 2-10Vdc			•	•
Heater O	•			Enclosure Rating	NEMA2	•		•	
ordered v		5			NEMA4X		•		•
Cannot b	e field in	stalled.		Heater Option	(for NEMA4X)		MB-NSR-N4HEAT/U		MB-NSR-N4HEAT/U
Aux Swite	ch – Can	be field		Power Supply Voltage	24Vac/Vdc	٠	•	٠	•
installed.					24-240Vac				
				Aux Switch	Add-On	MB-NSR-SWITCH/U	MB-NSR-SWITCH/U	MB-NSR-SWITCH/U	MB-NSR-SWITCH/U
				Feedback	2-10Vdc				
Valve Size (inches)	Cv @ 60°	Cv @ 90°	Close-off (psi)						
2	44	115	200	Valve/Actuato	r Assembly	VR2F6LPN2/M	VR2F6LPN4/M	VR2F7LPF2/M	VR2F7LPF4/M
Ζ	44	115	200	Replacement Actuator (i	ncluded in assembly)	MBP6L2N2/U	MBP6L4N4/U	MBP7L2F2/U	MBP7L4F4/U
2.5	75	196	200	Valve/Actuato	r Assembly	VR2G6LPN2/M	VR2G6LPN4/M	VR2G7LPF2/M	VR2G7LPF4/M
2.0	15	190	200	Replacement Actuator (i	ncluded in assembly)	MBP6L2N2/U	MBP6L4N4/U	MBP7L2F2/U	MBP7L4F4/U
3	116	302	200	Valve/Actuato	Valve/Actuator Assembly		VR2H6LPN4/M	VR2H7LPF2/M	VR2H7LPF4/M
5 110 502 200		Replacement Actuator (i	ncluded in assembly)	MBP6L4N2/U	MBP6L4N4/U	MBP7L4F2/U	MBP7L4F4/U		
4	230	600	200	Valve/Actuato	r Assembly	VR2J6LPN2/M	VR2J6LPN4/M	VR2J7LPF2/M	VR2J7LPF4/M
	230		200	Replacement Actuator (i	ncluded in assembly)	MBP6L5N2/U	MBP6L5N4/U	MBP7L5F2/U	MBP7L5F4/U
5	5 392 1022 200		200	Valve/Actuato	r Assembly	VR2K6LPN2/M	VR2K6LPN4/M	VR2K7LPF2/M	VR2K7LPF4/M
	552	1022	200	Replacement Actuator (i	ncluded in assembly)	MBP6L5N2/U	MBP6L5N4/U	MBP7L5F2/U	MBP7L5F4/U

VR2 - 6 through 12 inches

Fail-In-P	lace Actu	ators		Control Signal	Floating	•	
5-Year W	'arranty				2-Position SPDT	•	
	2				Modulating 2-10Vdc		•
				Enclosure Rating NEMA4X		•	•
				Heater Option	(for NEMA4X)	Built in (Standard)	Built in (Standard)
				Power Supply Voltage	24-240Vac	•	•
				Aux Switch	Built-In	2 x SPDT	2 x SPDT
				Feedback	2-10Vdc		•
Valve Size (inches)	Cv @ 60°	Cv @ 90°	Close-off (psi)				
6	605	1,579	200	Valve/Actuate	or Assembly	VR2L6UPSH/M	VR2L7UPBH/M
0	005	1,579	200	Replacement Actuator ((included in assembly)	MBP6U6SH/U	MBP7U6BH/U
8	1,202	3,136	200	Valve/Actuate	or Assembly	VR2M6UPSH/M	VR2M7UPBH/M
0	1,202	3,130	200	Replacement Actuator ((included in assembly)	MBP6U7SH/U	MBP7U7BH/U
10	2,047	5,340	200	Valve/Actuator Assembly		VR2N6UPSH/M	VR2N7UPBH/M
10	2,047	5,340	200	Replacement Actuator (included in assembly)		MBP6U8SH/U	MBP7U8BH/U
12	3,162	8,250	200	Valve/Actuate	or Assembly	VR2P6UPSH/M	VR2P7UPBH/M
12	3,102	0,200	200	Replacement Actuator (included in assembly)	MBP6U6SH/U	MBP7U6BH/U

VR2 – 14 through 24 inches

Fail-In-P	lace Actu	ators		Control Signal	Floating	٠		•	
2-Year W	arranty				2-Position SPDT	•		•	
	5				Modulating 2-10Vdc		•		•
				Enclosure Rating	NEMA4X	•	•	•	•
				Heater Option	(for NEMA4X)	Built in (Standard)	Built in (Standard)	Built in (Standard)	Built in (Standard)
				Power Supply Voltage	24Vac	•	•		
					120Vac			•	•
				Aux Switch	Built-In	2 x SPDT	2 x SPDT	2 x SPDT	2 x SPDT
				Feedback	2-10Vdc		•		•
Valve Size (inches)	Cv @ 60°	Cv @ 90°	Close-off (psi)						
14	4.658	11,917	150	Valve/Actuator	Assembly	VR2R6LPSH/M	VR2R7LPBH/M		
14	4,030	11,917	100	Replacement Actuator (in	ncluded in assembly)	MBP6LBSH/U	MBP7LBBH/U		
16	6.282	16,388	150	Valve/Actuator	Assembly			VR2S6HPSH/M	VR2S7HPBH/M
10	0,202	10,300	130	Replacement Actuator (ir	ncluded in assembly)			MBP6HCSH/U	MBP7HCBH/U
18	8.320	21.705	150	Valve/Actuator	Assembly			VR2T6HPSH/M	VR2T7HPBH/M
10	0,320	21,103	100	Replacement Actuator (ir	ncluded in assembly)			MBP6HESH/U	MBP7HEBH/U
20	10,698	27,908	150	Valve/Actuator	Assembly			VR2U6HPSH/M	VR2U7HPBH/M
20	10,000	21,300	100	Replacement Actuator (ir	ncluded in assembly)			MBP6HESH/U	MBP7HEBH/U
24	16,528	43.116 150		Valve/Actuator	Assembly			VR2V6HPSH/M	VR2V7HPBH/M
24	10,520	-5,110	10	Replacement Actuator (ir	ncluded in assembly)			MBP6HHSH/U	MBP7HHBH/U

VR2 – 2 through 2.5 inches

Spring	Returr	n Actua	ators	Control Signal	2-Position SPST					•	•	•	•
5-Year	Warra	nty		Мо	dulating 2-10Vdc	•	•	•	•				
Heater be ord			ist	Enclosure Rating	NEMA2 NEMA4X (for NEMA4X)	•		•		•		•	
assembly. Cannot be		Heater Option Power Supply Volt		•	MB-SR-N4HEAT/U	•	MB-SR-N4HEAT/U		MB-SR-N4HEAT/U		MB-SR-N4HEAT/U		
field in	stalled	l.			24-240Vac	•	•	•	•	•	•	•	•
				Aux Switch	Built-In	2 x SPDT	2 x SPDT			2 x SPDT	2 x SPDT		
				Feedback	2-10Vdc	•	•	•	•				
Valve Size (inches)	Cv @ 60°	Cv @ 90°	Close-off (psi)				Fail-Safe Open						
				Valve/Actuat	or Assembly	VR2F7LSB2/M	VR2F7LSB4/M	VR2F7LSF2/M	VR2F7LSF4/M	VR2F8USS2/M	VR2F8USS4/M	VR2F8USN2/M	VR2F8USN4/M
2	44	115	200	Replacemer (included in		MBS7L3B2/U	MBS7L3B4/U	MBS7L3F2/U	MBS7L3F4/U	MBS8U3S2/U	MBS8U3S4/U	MBS8U3N2/U	MBS8U3N4/U
				Valve/Actuat	or Assembly	VR2G7LSB2/M	VR2G7LSB4/M	VR2G7LSF2/M	VR2G7LSF4/M	VR2G8USS2/M	VR2G8USS4/M	VR2G8USN2/M	VR2G8USN4/M
2.5	75	196	200	Replacemer (included in		MBS7L3B2/U	MBS7L3B4/U	MBS7L3F2/U	MBS7L3F4/U	MBS8U3S2/U	MBS8U3S4/U	MBS8U3N2/U	MBS8U3N4/U
					(included in december)				Fail-Saf	e Closed			
				Valve/Actuat	Valve/Actuator Assembly		VR2F7LTB4/M	VR2F7LTF2/M	VR2F7LTF4/M	VR2F8UTS2/M	VR2F8UTS4/M	VR2F8UTN2/M	VR2F8UTN4/M
2	44	115	200	Replacemer (included in		MBS7L3B2/U	MBS7L3B4/U	MBS7L3F2/U	MBS7L3F4/U	MBS8U3S2/U	MBS8U3S4/U	MBS8U3N2/U	MBS8U3N4/U
				Valve/Actuat	or Assembly	VR2G7LTB2/M	VR2G7LTB4/M	VR2G7LTF2/M	VR2G7LTF4/M	VR2G8UTS2/M	VR2G8UTS4/M	VR2G8UTN2/M	VR2G8UTN4/M
2.5	2.5 75 196		200	Replacemer (included in		MBS7L3B2/U	MBS7L3B4/U	MBS7L3F2/U	MBS7L3F4/U	MBS8U3S2/U	MBS8U3S4/U	MBS8U3N2/U	MBS8U3N4/U

Control Signal

VR2 – 3 and 4 inches

Electronic Fail-Safe Actuators

5-Year Warranty

Fail-Safe Position Field Selectable

Factory Configured to Normally Closed / Fail Closed

Heater Option – Must be ordered with the assembly. Cannot be field installed.

Aux Switch – Can be field installed.

116

230

Valve Size (inches)

3

4

rC	red to Normally	-	-				(
	ed	many		2-Position SPDT	•	•		
	00			Modulating 2-10Vdc			•	•
	Must be ordered		Enclosure Rating	NEMA2	•		•	
ly. Cannot be		be		NEMA4X		•		•
			Heater Option	(for NEMA4X)		MB-NSR-N4HEAT/U		MB-NSR-N4HEAT/U
n be field			Power Supply Voltage	24Vac/Vdc	•	•	•	•
			Aux Switch	Add-On	MB-NSR-SWITCH/U	MB-NSR-SWITCH/U	MB-NSR-SWITCH/U	MB-NSR-SWITCH/U
			Feedback	2-10Vdc			•	•
	Cv @ 90°	Close-off (psi)						
	302	200	Valve/Actuator	Assembly	VR2H6LEN2/M	VR2H6LEN4/M	VR2H7LEF2/M	VR2H7LEF4/M
302 200 600 200		200	Replacement Actuator (ir	cluded in assembly)	MBE6L4N2/U	MBE6L4N4/U	MBE7L4F2/U	MBE7L4F4/U
		200	Valve/Actuator	Assembly	VR2J6LEN2/M	VR2J6LEN4/M	VR2J7LEF2/M	VR2J7LEF4/M
		200	Replacement Actuator (ir	cluded in assembly)	MBE6L5N2/U	MBE6L5N4/U	MBE7L5F2/U	MBE7L5F4/U

•

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Floating

VR2 – 5 through 12 inches

Electroni	c Fail-Sa	fe Actuat	ors	Control Signal	Floating	•	
5-Year W	arranty				2-Position SPDT	٠	
Fail-Safe	Position	Field			Modulating 2-10Vdc		•
Selectab	le			Enclosure Rating NEMA4X		•	•
00100100				Heater Option	(for NEMA4X)	Built in (Standard)	Built in (Standard)
Factory Configured to Normally				Power Supply Voltage	24-240Vac	•	•
Closed / Fail Closed				Aux Switch	Built-In	2 x SPDT	2 x SPDT
				Feedback	2-10Vdc		•
Valve Size (inches)	Cv @ 60°	Cv @ 90°	Close-off (psi)				
5	392	1.022	200	Valve/Actuator	Assembly	VR2K6UESH/M	VR2K7UEBH/M
5	392	1,022	200	Replacement Actuator (ir	ncluded in assembly)	MBE6U6SH/U	MBE7U6BH/U
6	605	1.579	200	Valve/Actuator	Assembly	VR2L6UESH/M	VR2L7UEBH/M
0	005	1,019	200	Replacement Actuator (ir	ncluded in assembly)	MBE6U6SH/U	MBE7U6BH/U
8	1.202	3.136	200	Valve/Actuator	Assembly	VR2M6UESH/M	VR2M7UEBH/M
0	1,202	3,130	200	Replacement Actuator (ir	ncluded in assembly)	MBE6U7SH/U	MBE7U7BH/U
10	2.047	5.340	200	Valve/Actuator	Assembly	VR2N6UESH/M	VR2N7UEBH/M
10	2,047	5,340	200	Replacement Actuator (ir	ncluded in assembly)	MBE6U8SH/U	MBE7U8BH/U
12	12 3,162 8,250 200		200	Valve/Actuator	Assembly	VR2P6UESH/M	VR2P7UEBH/M
12	3,102	0,200	200	Replacement Actuator (ir	ncluded in assembly)	MBE6U6SH/U	MBE7U6BH/U

VR3 / VR4 / VR5 – 2 through 3 inches

Fail-In-P	lace Actu	uators		Control Signal Floating	•	•		
5-Year W	/arranty			2-Position SPDT	•	•		
L La atau C)	4		Modulating 2-10Vdc			•	•
Heater C				Enclosure Rating NEMA2	•		•	
ordered		5		NEMA4X		•		•
Cannot k	pe field in	stalled.		Heater Option (for NEMA4X)		MB-NSR-N4HEAT/U		MB-NSR-N4HEAT/U
Aux Swit	ch – Can	be field		Power Supply Voltage 24Vac/Vdc	•	•	•	•
installed				Aux Switch Add-On	MB-NSR-SWITCH/U	MB-NSR-SWITCH/U	MB-NSR-SWITCH/U	MB-NSR-SWITCH/U
				Feedback 2-10Vdc			•	•
Valve Size (inches)	Cv @ 60°	Cv @ 90°	Close-off (psi)			VR3 3-Way (Configuration	
		115		Valve/Actuator Assembly	VR3F6LPN2/M	n/a	VR3F7LPF2/M	VR3F7LPF4/M
2	44	115	200	Replacement Actuator (included in assembly)	MBP6LAN2/U	n/a	MBP7L3F2/U	MBP7LRN4/U
2.5	75	196	200	Valve/Actuator Assembly	VR3G6LPN2/M	VR3G6LPN4/M	VR3G7LPF2/M	VR3G7LPF4/M
2.5	15	190	200	Replacement Actuator (included in assembly)	MBP6LRN2/U	MBP6LRN4/U	MBP7LRF2/U	MBP7LRN4/U
3	116	302	200	Valve/Actuator Assembly	(next page)	(next page)	VR3H7LPF2/M	VR3H7LPF4/M
J	110	502	200	Replacement Actuator (included in assembly)	(next page)	(next page)	MBP7LRF2/U	MBP7LRN4/U
						VR4 3-Way (Configuration	
2	44	115	200	Valve/Actuator Assembly	VR4F6LPN2/M	n/a	VR4F7LPF2/M	VR4F7LPF4/M
2	44	112	200	Replacement Actuator (included in assembly)	MBP6LAN2/U	n/a	MBP7L3F2/U	MBP7LRN4/U
2.5	75	196	200	Valve/Actuator Assembly	VR4G6LPN2/M	VR4G6LPN4/M	VR4G7LPF2/M	VR4G7LPF4/M
2.5	15	130	200	Replacement Actuator (included in assembly)	MBP6LRN2/U	MBP6LRN4/U	MBP7LRF2/U	MBP7LRN4/U
3	116	302	200	Valve/Actuator Assembly	(next page)	(next page)	VR4H7LPF2/M	VR4H7LPF4/M
5	110	502	200	Replacement Actuator (included in assembly)	(next page)	(next page)	MBP7LRF2/U	MBP7LRN4/U
						VR5 3-Way (Configuration	
2	///	115	200	Valve/Actuator Assembly	VR5F6LPN2/M	n/a	VR5F7LPF2/M	VR5F7LPF4/M
۷	2 44 115 200		200	Replacement Actuator (included in assembly)	MBP6LAN2/U	n/a	MBP7L3F2/U	MBP7LRN4/U
2.5	2.5 7.5 1.06 200		200	Valve/Actuator Assembly	VR5G6LPN2/M	VR5G6LPN4/M	VR5G7LPF2/M	VR5G7LPF4/M
2.5	2.5 75 196 200		200	Replacement Actuator (included in assembly)	MBP6LRN2/U	MBP6LRN4/U	MBP7LRF2/U	MBP7LRN4/U
3	116	302	200	Valve/Actuator Assembly	(next page)	(next page)	VR5H7LPF2/M	VR5H7LPF4/M
5	110	502	200	Replacement Actuator (included in assembly)	(next page)	(next page)	MBP7LRF2/U	MBP7LRN4/U

VR3 / VR4 / VR5 – 3 through 12 inches

Fail-In-F	Place Actu	uators		Control Signal Floating	•	
5-Year W	/arrantv			2-Position SPDT	•	
Jiearm	ananty			Modulating 2-10Vdc Enclosure Rating NEMA4X	•	•
				Heater Option (for NEMA4X)	Built In	Built In
				Power Supply Voltage 24-240Vac	•	•
				Aux Switch Built-In	2 x SPDT	2 x SPDT
				Feedback 2-10Vdc		•
Valve Size (inches)	Cv @ 60°	Cv @ 90°	Close-off (psi)		VR3 3-Way (onfiguration
				Valve/Actuator Assembly	VR3H6UPNH/M	(previous page)
3	116	302	200	Replacement Actuator (included in assembly)	MBP6U6SH/U	(previous page)
				Valve/Actuator Assembly	VR3J6UPSH/M	VR3J7UPBH/M
4	230	600	200	Replacement Actuator (included in assembly)	MBP6U6SH/U	MBP7U6BH/U
				Valve/Actuator Assembly	VR3K6UPSH/M	VR3K7UPBH/M
5	392	1,022	200	Replacement Actuator (included in assembly)	MBP6U6SH/U	MBP7U6BH/U
				Valve/Actuator Assembly	VR3L6UPSH/M	VR3L7UPBH/M
6	605	1,579	200	Replacement Actuator (included in assembly)	MBP6U6SH/U	MBP7U6BH/U
				Valve/Actuator Assembly	VR3M6UPSH/M	VR3M7UPBH/M
8	1,202	3,136	200	Replacement Actuator (included in assembly)	MBP6U7SH/U	MBP7U7BH/U
				Valve/Actuator Assembly	VR3N6UPSH/M	VR3N7UPBH/M
10	2,047	5,340	200	Replacement Actuator (included in assembly)	MBP6U8SH/U	MBP7U8BH/U
				Valve/Actuator Assembly	VR3P6UPSH/M	VR3P7UPBH/M
12	3,162	8,250	200	Replacement Actuator (included in assembly)	MBP6U6SH/U	MBP7U6BH/U
	1				VR4 3-Way (
				Valve/Actuator Assembly	VR4H6UPNH/M	(previous page)
3	116	302	200	Replacement Actuator (included in assembly)	MBP6U6SH/U	
				Valve/Actuator Assembly		(previous page) VR4J7UPBH/M
4	230	600	200	Replacement Actuator (included in assembly)	VR4J6UPSH/M MBP6U6SH/U	MBP7U6BH/U
				Valve/Actuator Assembly	VR4K6UPSH/M	VR4K7UPBH/M
5	392	1,022	200		MBP6U6SH/U	MBP7U6BH/U
				Replacement Actuator (included in assembly) Valve/Actuator Assembly	VR4L6UPSH/M	VR4L7UPBH/M
6	605	1,579	200	Replacement Actuator (included in assembly)	MBP6U6SH/U	MBP7U6BH/U
				Valve/Actuator Assembly	VR4M6UPSH/M	VR4M7UPBH/M
8	1,202	3,136	200	Replacement Actuator (included in assembly)		MBP7U7BH/U
					MBP6U7SH/U VR4N6UPSH/M	VR4N7UPBH/M
10	2,047	5,340	200	Valve/Actuator Assembly Replacement Actuator (included in assembly)	MBP6U8SH/U	MBP7U8BH/U
					VR4P6UPSH/M	VR4P7UPBH/M
12	3,162	8,250	200	Valve/Actuator Assembly Replacement Actuator (included in assembly)	MBP6U6SH/U	MBP7U6BH/U
				Replacement Actuator (included in assembly)		
					VR5 3-Way (
3	116	302	200	Valve/Actuator Assembly	VR5H6UPNH/M	(previous page)
				Replacement Actuator (included in assembly)	MBP6U6SH/U	(previous page)
4	230	600	200	Valve/Actuator Assembly	VR5J6UPSH/M	VR5J7UPBH/M
				Replacement Actuator (included in assembly)	MBP6U6SH/U	MBP7U6BH/U
5	392	1,022	200	Valve/Actuator Assembly	VR5K6UPSH/M	VR5K7UPBH/M
				Replacement Actuator (included in assembly)	MBP6U6SH/U	MBP7U6BH/U
6	605	1,579	200	Valve/Actuator Assembly	VR5L6UPSH/M	VR5L7UPBH/M
				Replacement Actuator (included in assembly)	MBP6U6SH/U	MBP7U6BH/U
8	1,202	3,136	200	Valve/Actuator Assembly	VR5M6UPSH/M	VR5M7UPBH/M
	_,_01	1,100		Replacement Actuator (included in assembly)	MBP6U7SH/U	MBP7U7BH/U
10	2,047	5,340	200	Valve/Actuator Assembly	VR5N6UPSH/M	VR5N7UPBH/M
10	2,071	0,040	200	Replacement Actuator (included in assembly)	MBP6U8SH/U	MBP7U8BH/U
12	3,162	8,250	200	Valve/Actuator Assembly	VR5P6UPSH/M	VR5P7UPBH/M
	0,102	0,200	200	Replacement Actuator (included in assembly)	MBP6U6SH/U	MBP7U6BH/U

VR3 / VR4 / VR5 – 14 through 18 inches

Fail-In-P	lace Actu	ators		Control Signal Floating	•	
2-Year W	'arrantv			2-Position SPDT	•	
	J			Modulating 2-10Vdc		•
				Enclosure Rating NEMA4X	•	•
				Heater Option (for NEMA4X)	Built In	Built In
				Power Supply Voltage 120Vac	•	•
				Aux Switch Built-In	2 x SPDT	2 x SPDT
				Feedback 2-10Vdc		•
Valve Size (inches)	Cv @ 60°	Cv @ 90°	Close-off (psi)		VR3 3-Way	Configuration
14	4.568	11.917	150	Valve/Actuator Assembly	VR3R6HPSH/M	VR3R7HPBH/M
14	4,568	11,917	150	Replacement Actuator (included in assembly)	MBP6HCSH/U	MBP7HCBH/U
16	6.282	16.388	150	Valve/Actuator Assembly	VR3S6HPSH/M	VR3S7HPBH/M
10	0,202	10,300	130	Replacement Actuator (included in assembly)	MBP6HDSH/U	MBP7HDBH/U
18	8,320	21.705	150	Valve/Actuator Assembly	VR3T6HPSH/M	VR3T7HPBH/M
10	0,020	21,100	100	Replacement Actuator (included in assembly)	MBP6HESH/U	MBP7HEBH/U
					VR4 3-Way	Configuration
14	4,568	11,917	150	Valve/Actuator Assembly	VR4R6HPSH/M	VR4R7HPBH/M
14	4,300	11,917	150	Replacement Actuator (included in assembly)	MBP6HCSH/U	MBP7HCBH/U
16	6,282	16,388	150	Valve/Actuator Assembly	VR4S6HPSH/M	VR4S7HPBH/M
10	0,202	10,300	130	Replacement Actuator (included in assembly)	MBP6HDSH/U	MBP7HDBH/U
18	8.320	21.705	150	Valve/Actuator Assembly	VR4T6HPSH/M	VR4T7HPBH/M
10	0,320	21,105	150	Replacement Actuator (included in assembly)	MBP6HESH/U	MBP7HEBH/U
					VR5 3-Way	Configuration
1.6				Valve/Actuator Assembly	VR5R6HPSH/M	VR5R7HPBH/M
14	4,568	11,917	150	Replacement Actuator (included in assembly)	MBP6HCSH/U	MBP7HCBH/U
16	6.282	16.388	150	Valve/Actuator Assembly	VR5S6HPSH/M	VR5S7HPBH/M
10	0,202	10,300	150	Replacement Actuator (included in assembly)	MBP6HDSH/U	MBP7HDBH/U
1.8	18 8,320 21,705 150	Valve/Actuator Assembly	VR5T6HPSH/M	VR5T7HPBH/M		
10	0,320	21,103	130	Replacement Actuator (included in assembly)	MBP6HESH/U	MBP7HEBH/U

VR3 / VR4 / VR5 - 2 inches

Spring R	eturn Act	uators		Control Signal 2-Position SPST	•												
5-Year W	arranty/			Modulating 2-10Vdc		•											
	2			Enclosure Rating NEMA2	•	•											
				Power Supply Voltage 24Vac/Vdc	•	•											
				Aux Switch	n/a	n/a											
				Feedback 2-10Vdc		•											
Valve Size (inches)	Cv @ 60°	Cv @ 90°	Close-off (psi)		Master Actuator Fail Open	/ VR3 3-Way Configuration											
2	4.4	115 200		Valve/Actuator Assembly	VR3F8USN2/M	VR3F7LSF2/M											
Ζ	2 44 115 200		200	Replacement Actuator (included in assembly)	MBS8U1N2/U	MBS7L1F2/U											
					Master Actuator Fail Closed	I / VR3 3-Way Configuration											
2	4.4	44 115 200		Valve/Actuator Assembly	VR3F8UTN2/M	VR3F7LTF2/M											
2	44			Replacement Actuator (included in assembly)	MBS8U1N2/U	MBS7L1F2/U											
					Master Actuator Fail Open	/ VR4 3-Way Configuration											
2	44	115	200	Valve/Actuator Assembly	VR4F8USN2/M	VR4F7LSF2/M											
2	44	115	115	115	115	115	115	115	115	115	115	115	115	200	Replacement Actuator (included in assembly)	MBS8U1N2/U	MBS7L1F2/U
					Master Actuator Fail Closed	I / VR4 3-Way Configuration											
2	44	115	200	Valve/Actuator Assembly	VR4F8UTN2/M	VR4F7LTF2/M											
2	44	115	200	Replacement Actuator (included in assembly)	MBS8U1N2/U	MBS7L1F2/U											
					Master Actuator Fail Open	/ VR5 3-Way Configuration											
2	44	115	200	Valve/Actuator Assembly	VR5F8USN2/M	VR5F7LSF2/M											
2	2 44 115 200			Replacement Actuator (included in assembly)	MBS8U1N2/U	MBS7L1F2/U											
					Master Actuator Fail Closed	I / VR5 3-Way Configuration											
2	2 44 115 200	200	Valve/Actuator Assembly	VR5F8UTN2/M	VR5F7LTF2/M												
۷.	44	110	200	Replacement Actuator (included in assembly)	MBS8U1N2/U	MBS7L1F2/U											

VR3 / VR4 / VR5 – 2.5 and 3 inches

Electronic Fail-Safe Actuators

Fail-Safe Selectab		Field		Control Signal	Floating 2-Position SPDT	•		
Factory (Configure	ed to			Modulating 2-10Vdc		•	
Normally	0		sed	Enclosure Rating	NEMA2	•	•	
5				Power Supply Voltage	24Vac/Vdc	•	•	
Aux Swite		pe nera		Aux Switch	Add-On	MB-NSR-SWITCH/U	MB-NSR-SWITCH/U	
installed				Feedback	2-10Vdc		•	
Valve Size (inches)						VR3 3-Way (Configuration	
2.5	75	196	200	Valve/Actuato	r Assembly	VR3G8LEN2/M	VR3G7LEF2/M	
2.5	15	190	200	Replacement Actuator (i	ncluded in assembly)	MBE6LRN2/U	MBE7LRF2/U	
3	116	302	200	Valve/Actuato	r Assembly	VR3H6LEN2/M	VR3H7LEF2/M	
5	110	302	200	Replacement Actuator (i	ncluded in assembly)	MBE6LRN2/U	MBE7LRF2/U	
						VR4 3-Way Configuration		
2.5	75	196	200	Valve/Actuator Assembly		VR4G8LEN2/M	VR4G7LEF2/M	
2.0	15	190	200	Replacement Actuator (i	ncluded in assembly)	MBE6LRN2/U	MBE7LRF2/U	
3	116	302	200	Valve/Actuato	r Assembly	VR4H6LEN2/M	VR4H7LEF2/M	
3	110	302	200	Replacement Actuator (i	ncluded in assembly)	MBE6LRN2/U	MBE7LRF2/U	
						VR5 3-Way (Configuration	
2.5	2.5 7.5 1.96 200		Valve/Actuato	r Assembly	VR5G8LEN2/M	VR5G7LEF2/M		
2.5	2.5 75 196 200		200	Replacement Actuator (i	ncluded in assembly)	MBE6LRN2/U	MBE7LRF2/U	
3	3 116 302 200		200	Valve/Actuato	r Assembly	VR5H6LEN2/M	VR5H7LEF2/M	
3	110	302	200	Replacement Actuator (i	ncluded in assembly)	MBE6LRN2/U	MBE7LRF2/U	

VR3 / VR4 / VR5 – 4 through 12 inches

_		C A				
Electron	ic Fail-Sa	afe Actuat	tors	Control Signal Floating	•	
5-Year W	/arranty			2-Position SPDT	•	
Fail Safe	e Position	Field		Modulating 2-10Vdc		•
		i Field		Enclosure Rating NEMA4X	•	•
Selectab	ole			Heater Option (for NEMA4X)	Built In	Built In
Factory (Configure	ed to Nor	mally	Power Supply Voltage 24-240Vac	•	•
5	Fail Clos		2	Aux Switch Built-In	2 x SPDT	2 x SPDT
				Feedback 2-10Vdc		•
Valve Size (inches)	Cv @ 60°	Cv @ 90°	Close-off (psi)		VR3 3-Way	Configuration
	220	600		Valve/Actuator Assembly	VR3J6UESH/M	VR3J7UEBH/M
4	230	600	200	Replacement Actuator (included in assembly)	MBE6U6SH/U	MBE7U6BH/U
				Valve/Actuator Assembly	VR3K6UESH/M	VR3K7UEBH/M
5	392	1022	200	Replacement Actuator (included in assembly)	MBE6U6SH/U	MBE7U6BH/U
				Valve/Actuator Assembly	VR3L6UESH/M	VR3L7UEBH/M
6	605	1579	200	Replacement Actuator (included in assembly)	MBE6U6SH/U	MBE7U6BH/U
				Valve/Actuator Assembly	VR3M6UESH/M	VR3M7UEBH/M
8	1202	3136	200	Replacement Actuator (included in assembly)	MBE6U7SH/U	MBE7U7BH/U
				Valve/Actuator Assembly	VR3N6UESH/M	VR3N7UEBH/M
10	2047	5340	200	Replacement Actuator (included in assembly)	MBE6U8SH/U	MBE7U8BH/U
				Valve/Actuator Assembly	VR3P6UESH/M	VR3P7UEBH/M
12	3162	8250	200	Replacement Actuator (included in assembly)	MBE6U6SH/U	MBE7U6BH/U
				Replacement Actuator (included in assembly)		
	1	1		1		Configuration
4	230	600	200	Valve/Actuator Assembly	VR4J6UESH/M	VR4J7UEBH/M
				Replacement Actuator (included in assembly)	MBE6U6SH/U	MBE7U6BH/U
5	392	1022	200	Valve/Actuator Assembly	VR4K6UESH/M	VR4K7UEBH/M
				Replacement Actuator (included in assembly)	MBE6U6SH/U	MBE7U6BH/U
6	605	1579	200	Valve/Actuator Assembly	VR4L6UESH/M	VR4L7UEBH/M
		2010	200	Replacement Actuator (included in assembly)	MBE6U6SH/U	MBE7U6BH/U
8	1202	3136	200	Valve/Actuator Assembly	VR4M6UESH/M	VR4M7UEBH/M
	1202	0100	200	Replacement Actuator (included in assembly)	MBE6U7SH/U	MBE7U7BH/U
10	2047	5340	200	Valve/Actuator Assembly	VR4N6UESH/M	VR4N7UEBH/M
10	2047	5540	200	Replacement Actuator (included in assembly)	MBE6U8SH/U	MBE7U8BH/U
12	3162	8250	200	Valve/Actuator Assembly	VR4P6UESH/M	VR4P7UEBH/M
12	3102	0250	200	Replacement Actuator (included in assembly)	MBE6U6SH/U	MBE7U6BH/U
					VR5 3-Way	Configuration
				Valve/Actuator Assembly	VR5J6UESH/M	VR5J7UEBH/M
4	230	600	200	Replacement Actuator (included in assembly)	MBE6U6SH/U	MBE7U6BH/U
				Valve/Actuator Assembly	VR5K6UESH/M	VR5K7UEBH/M
5	392	1022	200	Replacement Actuator (included in assembly)	MBE6U6SH/U	MBE7U6BH/U
				Valve/Actuator Assembly	VR5L6UESH/M	VR5L7UEBH/M
6	605	1579	200	Replacement Actuator (included in assembly)	MBE6U6SH/U	MBE7U6BH/U
				Valve/Actuator Assembly	VR5M6UESH/M	VR5M7UEBH/M
8	1202	3136	200	Replacement Actuator (included in assembly)	MBE6U7SH/U	MBE7U7BH/U
				Valve/Actuator Assembly	VR5N6UESH/M	VR5N7UEBH/M
10	2047	5340	200	Replacement Actuator (included in assembly)		
					MBE6U8SH/U	MBE7U8BH/U
12	3162	8250	200	Valve/Actuator Assembly	VR5P6UESH/M	VR5P7UEBH/M
				Replacement Actuator (included in assembly)	MBE6U6SH/U	MBE7U6BH/U

VR Series Valves / MB Series Actuators

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Electronic fail-safe with efficient supercap technology on 5–12 inch valves.

Spring return on 2–4 inch valves. Available as FO or FC.

Fail-in-place actuators also available.

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An Actuator for Every Application

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