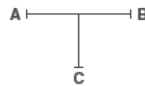


Flow Type	Equal % linear bidirectional. Mixing or diverting configurations.
Body	Polyester coated cast iron, ASTM A126 Class B lug. Mates with ANSI 125/150 flanges.
Seat	EPDM tongue and groove seat and molded O-ring flange seal. Peroxide cured.
Material	
Stem	Stainless steel double D stem.
Stem Seals	Self adjusting double U cup.
Disc	Ductile iron nylon 11 coated disc.
Fluid Temperatures	-40 to 250°F (-40 to 121°C).
Close-Off Rating	ANSI VI Bubble tight.
Application	Chilled or hot water up to 60% glycol.

Size in.	Cv (K _v) @ 90°	Close-Off Pressure psi (kPa)	Two Position ^a	Floating ^a	Proportional ^a	Voltage Vac
2	144 (125)	175 (1207)	VAF-631x-556-L-11	VFF-631x-556-L-11	VSF-631x-556-L-11	24
2.5	282 (244)	175 (1207)	VAF-631x-556D-L-12	VFF-631x-556D-L-12	VSF-631x-556D-L-12	24
3	461 (399)	175 (1207)	VAF-631x-556D-L-13	VFF-631x-556D-L-13	VSF-631x-556D-L-13	24
4	841 (727)	50 (345)	VAU-631x-556D-L-14	VFU-631x-556D-L-14	VSU-631x-556D-L-14	24

^a Select 7 or 8 for the "x".
 8 = Actuator is mounted on the main valve at "A" and is NO.
 7 = Actuator is mounted on the main valve at "B" and is NO.
 The linked valve for 7 and 8 is "C".
 C = Configurable option at time of ordering in iPortal.



Actuator Code Table.

Vxxx-631x-556x-L-xx

Actuator Codes	Model Prefix ^a	Actuator Model	Description
556 ^b	VAx	MA41-7153	24 Vac, on/off, SR
556 ^{bc}	VAxS	MA41-7153-502	24 Vac, on/off, SR, 2 SPDT aux switches
556 ^b	VFx	MF41-7153	24 Vac, Floating, SR
556 ^{bc}	VFxS	MF41-7153-502	24 Vac, Floating, SR, 2 SPDT aux switches
556 ^b	VSx	MS41-7153	24 vac, Modulating, SR
556 ^{bc}	VSxS	MS41-7153-502	24 Vac, on/off, SR, 2 SPDT aux switches

^a For optional two SPDT auxiliary switch models the letter "S" must be added to the model prefix field. EX: VxxS
^b D = Dual mounting.
^c Dual mounted application. One Mx41-7153 and one Mx41-7153-502 are supplied.