



Service Regulator Crossover

Itron Actaris Schlumberger/ Sprague	Line Size Avail (inches)	Elster/ American Model #	Fisher	Sensus Invensys/ Equimeter/ Rockwell	Regulator Notes And Options	Itron Advantages
B42R	½, ¾, 1, 1.25	1213B/1813C	HSR ¾ AND 1" ONLY	143-6 143-80	N – non relief R – Relief HP – High Pressure 2-5#	Cost competitive, largest market share for US utilities. Great performance with value
B57R	¾, 1/ 1.25	1813C – relief	HSR ¾ AND 1" ONLY	143-6 143-80	N – non relief R – Relief	This is a direct equivalent to the Sensus 143. If you have someone who must have a 143 this is a direct equivalent. The connection between valve body and head is a threaded union nut.
B58R	¾, 1/ 1.25	1813C – relief	HSR ¾ AND 1" ONLY	143-6 143-80	N – non relief R – Relief	This is a direct equivalent to the American 1813C. If you have someone who must have a 1813C this is a direct equivalent at a discount in cost.
B31R	¾, 1/ 1.25	1813C – relief	HSR ¾ AND 1" ONLY	143-6 143-80	N – non relief R – Relief RAS – relief and low pressure cutoff IM – Internal Monitor	A bit more expensive than 1813C and 143 but offers additional features that others do not have including internal monitor (worker-monitor in one regulator).
B34SN	1-1/4, 1-1/2, 2, 2"flg, 3" flg	None really, 1803 is closest, 1-1/2 and 2" only	None really, but S201 is closest, no 3"	243-8-1 or 243- 8-12-1, 1-1/4, 1-1/2 and 2" only	SN – non relief SR – relief IM – Internal Monitor SRHP – for 1-2.5 psig outlet	NOT RECOMMENDED FOR INLET PRESSURES GREATER THAN 2 PSIG. THIS CLASS OF REGULATOR HAS NO OVER PRESSURE PROTECTION. RECOMMEND USING R SERIES REGULATORS.
B34SR	1-1/4, 1-1/2, 2, 2"flg, 3" flg	None really, 1813 is closest, 1-1/2 and 2" only	None really, but S202 is closest, no 3"	243-8-2 or 243- 8-12-2, 1-1/4, 1-1/2 and 2" only	SN – non relief SR – relief IM – Internal Monitor SRHP – for 1-2.5 psig outlet	This is a regulator provides the most cost advantages since it meets most applications in this pipe size range. MV&C typically stocks the SR which provides an upgrade at a small additional cost
B34N	1-1/4, 1 ½, 2, 2"flg, 3"flg	1803, 1-1/2 & 2" only	S201 No 3"flg	243-8-1 or 243-12-1 No 2" or 3" flg	N – non relief R- relief IM – Internal Monitor M – Monitor D – Downstream Control	NOT RECOMMENDED FOR INLET PRESSURES GREATER THAN 2 PSIG. THIS CLASS OF REGULATOR HAS NO OVER PRESSURE PROTECTION. RECOMMEND USING R SERIES REGULATORS.
B34R	1-1/4, 1 ½, 2, 2"flg, 3"flg	1813, 1-1/2 & 2" only	S202 No 3"flg	243-8-2 or 243-12-2 No 2" or 3" flg	N – non relief R- relief IM – Internal Monitor M – Monitor D – Downstream Control	Cost wise we are competitive with American and Sensus and as usual much less than Fisher. We have connection sizes others do not. MV&C typically stocks the R version to provide overpressure protection for a slight increase in cost.
B38N	1 ½, 2, 2"flg, 3"flg	1803, 1-1/2 & 2" only	S201 No 3"flg	243-12-1 No 2" or 3" flg	N – non relief R- relief IM – Internal Monitor M – Monitor D – Downstream Control	NOT RECOMMENDED FOR INLET PRESSURES GREATER THAN 2 PSIG. THIS CLASS OF REGULATOR HAS NO OVER PRESSURE PROTECTION. RECOMMEND USING R SERIES REGULATORS.
B38R	1 ½, 2, 2"flg, 3"flg	1813B, 1-1/2 & 2" only	S202 No 3"flg	243-12-2 No 2" or 3" flg	N – non relief R- relief IM – Internal Monitor M – Monitor D – Downstream Control	Cost wise we are competitive with American and Sensus and as usual much less than Fisher. We have connection sizes others do not. MV&C typically stocks the R version to provide overpressure protection for a slight increase in cost.



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OTHER GAS REGULATORS						
B31IM	½, ¾, 1		-	-	Internal monitor is essentially a worker and monitor all in one regulator. A double seated orifice provides the extra protection.	Internal monitor feature is superior than OPSO. OPSO shuts down regulator IM keeps service on.
B31RAS	¾, 1, 1.25	1833B2	-	143-6-186 or 143-80-6	FIR, UPSO	
B34DN/DR	1.25-3"		-	243-PRC	Closed throat for downstream control. R version provides internal relief.	Itron offers a wider range of valve body sizes.
B34MN/MR	1.25-3"	1803M/1813M	-	243-8PL	Monitor Regulator	Itron offers a wider range of valve body sizes.
B34IM	1.25-3"				Internal monitor is essentially a worker and monitor all in one regulator. A double seated orifice provides the extra protection.	Internal monitor feature is superior than OPSO. OPSO shuts down regulator IM keeps service on.
B38M	1.5-3"				Monitor Regulator	Itron offers a wider range of valve body sizes.
B38IM					Internal monitor is essentially a worker and monitor all in one regulator. A double seated orifice provides the extra protection.	Internal monitor feature is superior than OPSO. OPSO shuts down regulator IM keeps service on.
CL31N/R	¾, 1, 1 ¼	1800CPB2	-	-	Pilot Operated. Available with or without internal relief	
CL31IM	¾, 1, 1 ¼				Pilot operated regulator with internal monitor	Internal monitor feature is superior than OPSO. OPSO shuts down regulator IM keeps service on.
CL231N/R	¾, 1, 1 ¼				Twin barrel pilot operated regulator with or without internal relief	The twin barrel design provides great accuracy, increased capacity and redundancy.
CL34-1/2	1.25-2"	1803PFM	201 D or S301 D	243-8RPC	Pilot operated regulator D – Closed throat, M-Monitor,	Excellent track record of accurate setpoints. More sizes available than other brands.
CL34-1/2IM	1.25-2"				Pilot operated regulator with internal monitor	Internal monitor feature is superior than OPSO. OPSO shuts down regulator IM keeps service on.
CL38-1/2	1 ½, 2	1803PFM	S301 F	-	Pilot operated regulator D – Closed throat, M-Monitor,	Excellent track record of accurate setpoints. More sizes available than other brands.
CL38-1/2IM	1 ½, 2	1803PFM	S301F	-	Pilot operated regulator with internal monitor	Internal monitor feature is superior than OPSO. OPSO shuts down regulator IM keeps service on.
B531N/R	¾-1.25				Twin barrel spring operated regulator with or without internal relief	The twin barrel design provides increased capacity and redundancy.
B531IM	¾-1.25				Twin barrel spring operated regulator with internal monitor	The twin barrel design provides increased capacity and redundancy. Internal monitor provides additional overpressure protection.
B838N/R	2"				Twin barrel spring operated regulator with internal relief	The twin barrel design provides increased capacity and redundancy.
B838D/M	2"				Twin barrel spring operated regulator with closed throat. Available with internal relief	The twin barrel design provides increased capacity and redundancy.
B838IM	2"				Twin barrel spring operated regulator with internal monitor	The twin barrel design provides increased capacity and redundancy. Internal monitor provides additional overpressure protection.
CL838-1/2	2"				Twin barrel pilot operated regulator	The twin barrel design provides great accuracy, increased capacity and redundancy.
CL838-1/2IM	2"				Twin barrel spring operated regulator with internal monitor	The twin barrel design provides increased capacity and redundancy. Internal monitor provides additional overpressure protection.



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B35N/R	¾, 1"				Farm tap regulator with or without internal relief	Max inlet pressure up to 1000 psig, outlet pressures from 5 to 150 psig
B35MN	¾, 1"				Farm tap monitor regulator	Max inlet pressure up to 1000 psig, outlet pressures from 5 to 150 psig
B36R	¾, 1, 1-1/4"				Gas regulator with internal relief. Max inlet pressure 175 psig, outlet pressures 1-60 psig	
B56R	¾, 1"				Farm tap regulator with internal relief. Max inlet pressure 1000 psig, outlet pressures 5-60 psig	
RB1710/20/ 30	1-1/2"				Max inlet 175 psig, outlet range is 0.25 to 36 psig. High capacity regulator	
RB4010/20/ 30	2", 3"				Max inlet 225 psig, outlet range is 0.25 to 30 psig. High capacity regulator	

