

CASH VALVE™ A SERIES PRESSURE REGULATORS

A16, A31, A31S, A31VR SELECTION GUIDE

Example:	A16	-	A	W	S	A	S	B	B	F	02	-	D	1
Model	A16		A	W	S	A	S	B	B	F	02	-	D	1
A16	A16													
A31	A31													
A31S	A31S													
A31V	A31VR													
Size														
Y	1/8" [A31, A31S]													
A	1/4" [A16, A31, A31S, A31VR]													
B	3/8" [A16, A31, A31S]													
Service														
W	Water/air													
V	Vacuum service [A31VR]													
Body/connection style														
S	Side inlet/side outlet - straight thru [A16, A31]													
R	Side inlet/side outlet - straight thru w/ right side gauge port [A31S]													
L	Side inlet/side outlet - straight thru w/ left side gauge port [A16, A31S]													
B	Side inlet/bottom outlet w/ straight thru gauge connection [A31VR]													
Spring chamber material														
A	Aluminum spring chamber [A16, A31, A31S]													
Z	Brass spring chamber [A31, A32, A31VR only]													
Spring chamber style														
S	Standard													
P	Panel mount													
N	Non-vented													
Diaphragm material														
B	Buna-N [A16, A31, A31S]													
L	Buna-N w/ Teflon liner [A31, A31S]													
N	Neoprene [A31, A31S]													
T	Neoprene w/ Teflon liner [A31, A31S]													
R	EPR [A31VR]													
F	EPR w/ Teflon liner [A31VR]													
Seat material														
B	Buna-N [A16, A31, A31S]													
S	Silicone [A31VR]													
T	Teflon [A31]													
K	Kalrez [A31VR]													
V	Viton [A31, A31S]													
Pressure screw style														
F	Fillister [A16, A31, A31S]													
K	Knurled [A31VR]													
T	T-handle [A31, A31S]													
W	Handwheel plastic [A31]													
H	Hex [A31, A31S]													
Variation														
01	Standard													
11	Standard variation w/ inlet screen [A31]													
02	Balanced piston [A31, A31S]													
12	Balanced piston w/ inlet screen [A31]													
Design revision														
(-)	Original design													
Spring material														
D	Carbon steel (Industrial or final line gas service only)													
E	Stainless steel													
Spring range														
	Refer to table below													

STANDARD SPRING RANGES (psig)

Spring Material	Type	1	2	3	4	5	6	7
Steel	A16	2 - 30	10 - 50	25 - 90	80 - 120	100 - 180	-----	-----
	A31, A31S	2 - 30	10 - 50	30 - 90	80 - 120	100 - 180	-----	-----
	A31VR (IN/HG)	0 - 15	10 - 30	-----	-----	-----	-----	-----
SST	A31	2 - 15	2 - 25	15 - 65	40 - 100	50 - 150	75 - 175	100 - 250
	A31S	2 - 15	-----	-----	-----	-----	-----	-----