

# CASH VALVES CRYOGENIC VALVES AND CONTROLS

## FRM, FRM-2 SELECTION GUIDE

Example:	FRM-	A	W	Z	S	A	S	B	F	02	-	D	1
<b>Model</b>													
<b>FRM-</b>	FRM												
<b>FRM2</b>	FRM-2												
<b>Size</b>													
<b>A</b>	1/4" [all]												
<b>B</b>	3/8" [all]												
<b>C</b>	1/2" [FRM-2]												
<b>Service</b>													
<b>C</b>	Cryogenic (FRM, FRM-2)												
<b>Material of construction</b>													
<b>Z</b>	Brass												
<b>G</b>	316 SST (FRM, FRM-2)												
<b>E</b>	303 SST (FRM)												
<b>Body/connection style</b>													
<b>S</b>	Side inlet/side outlet [all] NPT												
<b>R</b>	2 side inlets/bottom outlet (FRM, FRM-2) NPT												
<b>E</b>	Side inlet/bottom outlet (FRM, FRM-2) NPT												
<b>B</b>	Side inlet/side outlet (BSPT)												
<b>P</b>	Side inlet/side outlet 1/4" NPS - .082 wall pipe (FRM-2)												
<b>T</b>	Side inlet/side outlet 3/8" NPS - .035 wall pipe (FRM-2)												
<b>V</b>	Side inlet/side outlet 1/2" NPS - .049 wall pipe (FRM-2)												
<b>Spring chamber material</b>													
<b>Z</b>	Brass spring chamber												
<b>G</b>	SST spring chamber (FRM-2)												
<b>C</b>	Chrome plated												
<b>Spring chamber style</b>													
<b>S</b>	Standard												
<b>W</b>	Without vent hole												
<b>Diaphragm material</b>													
<b>G</b>	316 SST												
<b>Z</b>	Bronze												
<b>Pressure screw style</b>													
<b>F</b>	Fillister (FRM only)												
<b>H</b>	Hex												
<b>T</b>	T-handle (FRM)												
<b>Variations</b>													
<b>03</b>	303 Stainless steel trim w/ Teflon diaphragm gasket (metal diaphragms only)												
<b>04</b>	303 Stainless steel trim w/ 6 x 0.005 thick bronze diaphragms												
<b>05</b>	303 Stainless steel trim w/ nylon inserted locknut												
<b>13</b>	316 Stainless steel trim w/ Teflon diaphragm gasket (metal diaphragms only)												
<b>23</b>	Monel trim w/ Teflon diaphragm gasket (metal diaphragms only)												
<b>32</b>	Remote sensing												
<b>Design revision</b>													
<b>(-)</b>	Original design												
<b>Spring material</b>													
<b>E</b>	Stainless steel												
<b>Spring range</b>													
	Refer to table below												

### STANDARD SPRING RANGES (psig)

Spring Material	Model	1	2	3	4	5	6	7	8	9
SST	FRM	2 - 25	15 - 65	40 - 100	50 - 150	75 - 175	100 - 250	200 - 400	200 - 600	300 - 600
	FRM-2	0 - 30	20 - 50	40 - 80	75 - 150	100 - 275	200 - 400	300 - 600	----	----