

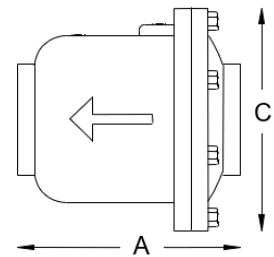
SPECIFICATIONS

PSI/Temperature Rating: 200 PSI / 250° F
Cartridge: AISI Type 304 stainless steel
 AISI Type 17-7 PH stainless steel spring
Body Material: Aluminum 356-T6
End Connections: 3" Female NPT
Seals: Viton O-Rings
Body Tappings: (2) 1/4" NPT with stainless steel plugs
Assembly: Valve comes fully assembled

DIMENSIONS & WEIGHTS (NOMINAL)

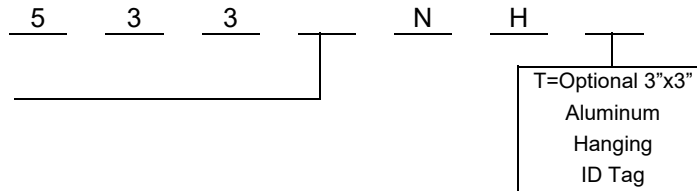
All dimensions are for planning purposes only and may change without notice.

SIZE	MODEL NO.	A LENGTH	C DIAMETER	WEIGHT (LBS.)
3"	533 NH	9.5	10.0	39



MODEL NUMBER SELECTION¹

Select a PSID control range
 (1=1.5-20, 2=3.2-32, 4=5.8-57, 8=13-128,
 High flow rates 3=3-18, 5=5-32)



FLOW RATES (+/-5%)

TYPE OF CARTRIDGE:		STANDARD FLOW				
LINE SIZE	MODEL NO.	NOMINAL CONTROL RANGE (PSID)	1.5-20	3.2-32	5.8-57	13-128
		MAX. PRESS. DIFF. (PSI)	20	32	57	128
		HEAD LOSS IN FEET ²	3.0	7.4	13.4	30.0
		GPM INCREMENTS	2.0	2.5	3.33	5.0
3	533_	Minimum GPM	14	17.5	23.33	35
		Maximum GPM	180	225	300	450

TYPE OF CARTRIDGE:		HI-FLOW				
LINE SIZE	MODEL NO.	NOMINAL CONTROL RANGE (PSID)	3-18 (LOW INCREMENTS)	3-18 (HIGH INCREMENTS)	5-32 (LOW INCREMENTS)	5-32 (HIGH INCREMENTS)
				MAX. PRES. DIFF. (PSI)	18	18
		HEAD LOSS IN FEET ²	5.8	5.8	11.5	11.5
		GPM INCREMENTS	2.0	N/A	2.5	N/A
3	533_	Minimum GPM	100	300	135	535, 560, 600
		Maximum GPM	260		475	

NOTES

¹ Model no. and flow rate are indicated on label affixed to body.
² Head Loss in Feet is provided for pump head calculations. (1 PSI = 2.307 Feet of Water)