

SPECIFICATIONS

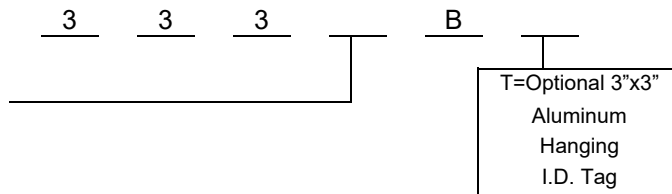
PSI/Temperature Rating: 200 PSI / 250° F
Cartridge: AISI Type 304 stainless steel
 AISI Type 17-7 PH stainless steel spring
Body Material: Gray-Iron ASTM A126-61T Class 30
End Connections: 3" Female NPT
Seals: EPDM O-Rings
Body Tappings: 1/4" NPT with P/T test valves
Assembly: Valve comes fully assembled
 Pressure/temperature extensions are shipped loose

DIMENSIONS & WEIGHTS (NOMINAL)

SIZE	MODEL NO.	A LENGTH	B HEIGHT	C DIAMETER	WEIGHT (LBS.)
3"	333	9.5	14.75	10.0	39

MODEL NUMBER SELECTION¹

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



NOTES

¹ Model no. and flow rate are indicated on label affixed to body.
 Replaces form F-2990C

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 F-2990D



AUTOMATIC FLOW CONTROL 3" THREADED HIGH CAPACITY

FLOW RATES (+/- 5%)

TYPE OF CARTRIDGE:		STANDARD FLOW				
LINE SIZE	MODEL NO.	CONTROL RANGE (PSID)	1-20	2-32	4-57	8-128
		MAX. PRESSURE 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	333_	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	32	32
		HEAD LOSS IN FEET ²	5.8	5.8	11.5	11.5
		GPM INCREMENTS	2.0	SEE ACTUAL FLOWS	2.5	SEE ACTUAL FLOWS
3	333_	Minimum GPM	100	300	135	535, 560, 600
		Maximum GPM	260		475	

NOTES

² Head Loss in Feet is provided for pump head calculations. (1 PSI = 2.307 Feet of Water)
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