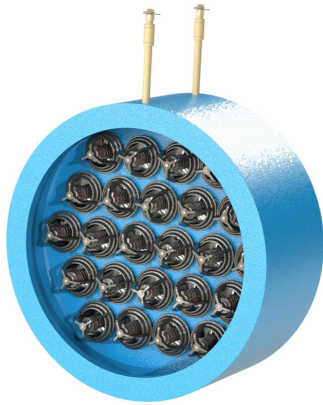
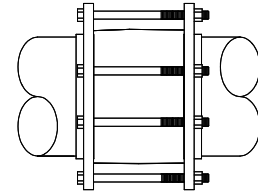
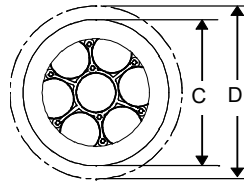
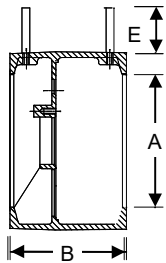


CLASS 150 WAFER



SPECIFICATIONS

PSI/Temperature Rating: 200 PSI / 225° F
Cartridge: AISI Type 304 stainless steel
 AISI Type 17-7 PH stainless steel spring
Body Material: Ductile Iron ASTM A536 GR60-40-18
Body Tappings: 1/4" NPT with P/T test valves
Assembly: Valve comes fully assembled. Pressure and temperature extensions are shipped loose.
Coating: Epoxy coated interior and exterior approved for potable water and rated to NSF-61 standard
Flanges: Wafer valves are compatible with ANSI B 16.5-1968 150 lb. steel flanges and ANSI B 16.1-1967 125 lb cast iron flanges.



DIMENSIONS & WEIGHTS (NOMINAL)

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

A LINE SIZE	MODEL NO.	B (+/- .030)	C (+/- .060)	D REF ONLY FLG. DIA.	E	STUDS ¹ (SUPPLIED BY GRISWOLD)		WEIGHT (LBS.)
						QTY	SIZE	
2-1/2 / 3 ²	329	6.8	5.4	7.5	5.5	4	5/8	17
4	332	7.8	6.9	9.0	5.5	8	5/8	33
6	334	7.3	8.6	11.0	5.5	8	3/4	42
8	337	7.3	10.9	13.5	5.5	8	3/4	57
10	368	8.0	13.5	16.0	5.5	12	7/8	93
12	369	8.0	16.0	19.0	5.5	12	7/8	137
14	339	8.0	17.6	21.0	5.5	12	1	177
16	384	9.5	20.1	23.5	5.5	16	1	291
18	385	9.5	21.5	25.0	5.5	16	1-1/8	405
20 ³	338	11.0	23.9	27.5	5.5	20	1-1/8	520

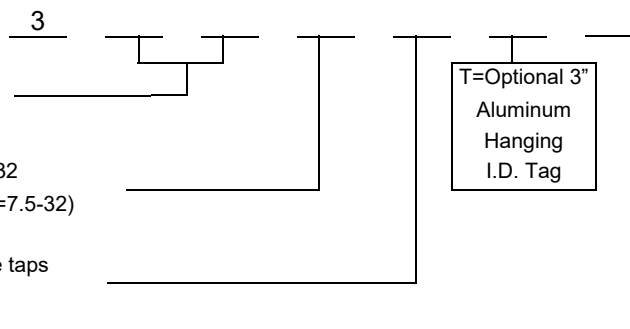
MODEL NUMBER SELECTION⁴

Select a size (2-1/2 or 3=29, 4=32, 6=34, 10=68, 8=37, 12=69, 14=39, 16=84, 18=85, 20=38)

Select a PSID control range (STD: 1=1-20 or 4-20, 2=2-32 or 8-32, 4=4-57, 8=8-128; HI-FLOW: 3=3-18, 5=5-32, 7=7.5-32)

Insert "A" for pressure taps, "B" for pressure/temperature taps

Insert "E" for Epoxy Coating



NOTES

¹ Plated Steel Studs and Nuts are supplied by Griswold.
² Valve compatible with 2-1/2" and 3" ANSI flanges.
³ 20" and is supplied with an eyebolt for lifting.
⁴ Model no. and flow rate are indicated on label affixed to body.

RATE TABLES PER TYPE OF CARTRIDGE (+/- 5%)

TYPE OF CARTRIDGE:		STANDARD FLOW				
LINE SIZE	MODEL NO.	CONTROL RANGE (PSID)	1-20	2-32	4-57	8-128
		MAX. PRES. DIFF. (PSI)	20	32	57	128
		HEAD LOSS IN FEET ⁵	3.0	7.4	13.4	30.0
		MIN. AVAILABLE GPM	14	17.5	23.33	35
		GPM INCREMENTS	2.0	2.5	3.33	5.0
2-1/2 or 3	329	Maximum GPM	60	75	100	150
4	332	Maximum GPM	120	150	200	300
6	334	Maximum GPM	240	300	400	600
8	337	Maximum GPM	420	525	700	1,050
10	368	Maximum GPM	660	825	1,100	1,650
12	369	Maximum GPM	900	1,125	1,500	2,250
14	339	Maximum GPM	1,140	1,425	1,900	2,850
16	384	Maximum GPM	1,440	1,800	2,400	3,600
18	385	Maximum GPM	1,860	2,325	3,100	4,650
20	338	Maximum GPM	2,220	2,775	3,700	5,550

TYPE OF CARTRIDGE:		STANDARD FLOW HIGH CAPACITY		
LINE SIZE	MODEL NO.	NOMINAL CONTROL RANGE (PSID)	4-20	8-32
		MAX. PRES. DIFF. (PSI)	20	32
		HEAD LOSS IN FEET ⁵	9.2	18.4
		GPM INCREMENTS	20.0	25.0
2-1/2 or 3	329_	Minimum GPM	90	110
		Maximum GPM	130	160

TYPE OF CARTRIDGE:		HI - FLOW					
LINE SIZE	MODEL NO.	CONTROL RANGE (PSID)	3-18 (LOW INCREMENTS)	3-18 (NO INCREMENTS)	5-32 (LOW INCREMENTS)	5-32 (NO INCREMENTS)	7.5-32 (NO INCREMENTS)
		MAX. PRES. DIFF. (PSI)	18	18	32	32	32
		HEAD LOSS IN FEET	5.8	5.8	11.5	11.5	17.5
		GPM INCREMENTS	2.0	SEE ACTUAL FLOWS	2.5	SEE ACTUAL FLOWS	SEE ACTUAL FLOWS
2-1/2 or 3	329_	Minimum GPM	N/A	N/A	N/A	N/A	
		Maximum GPM	N/A	N/A	N/A	N/A	
4	332_	Minimum GPM	114	200	152.5	335, 360, 400	500, 600
		Maximum GPM	160		275		
6	334_	Minimum GPM	114	400	152.5	735, 760, 800	1000, 1200
		Maximum GPM	360		675		
8	337_	Minimum GPM	114	700	152.5	1335, 1360, 1400	1800, 2100
		Maximum GPM	660		1,275		
10	368_	Minimum GPM	114	1100	152.5	2135, 2160, 2200	2400, 3000, 3300
		Maximum GPM	1,060		2,075		
12	369_	Minimum GPM	114	1500	152.5	2935, 2960, 3000	3500, 3900, 4500
		Maximum GPM	1,460		2,875		
14	339_	Minimum GPM	114	1900	152.5	3735, 3760, 3800	4500, 5100, 5700
		Maximum GPM	1,860		3,675		
16	384_	Minimum GPM	114	2400	152.5	4735, 4760, 4800	5400, 6000, 6600, 7200
		Maximum GPM	2,360		4,675		
18	385_	Minimum GPM	114	3100	152.5	6135, 6160, 6200	6900, 7500, 8100, 8700, 9300
		Maximum GPM	3,060		6,075		
20	338_	Minimum GPM	114	3700	152.5	7335, 7360, 7400	8700, 9300, 9900, 10500, 11100
		Maximum GPM	3,660		7,275		

NOTES

⁵ Head Loss in Feet is provided for pump head calculations. (1 PSI = 2.307 Feet of Water)