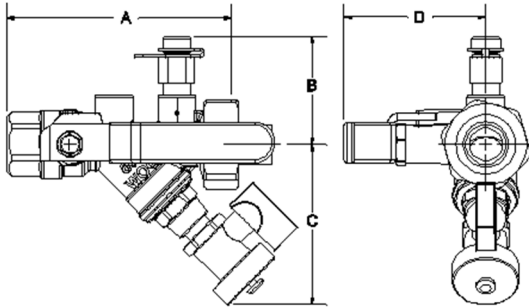


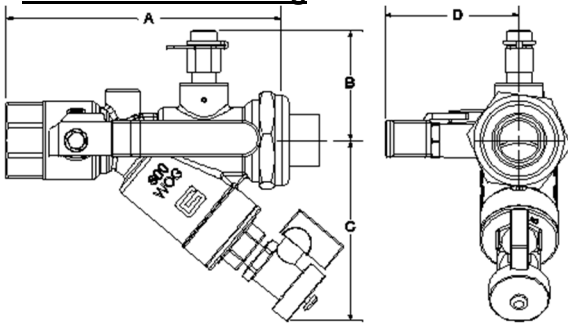
1/2" & 3/4" Housing



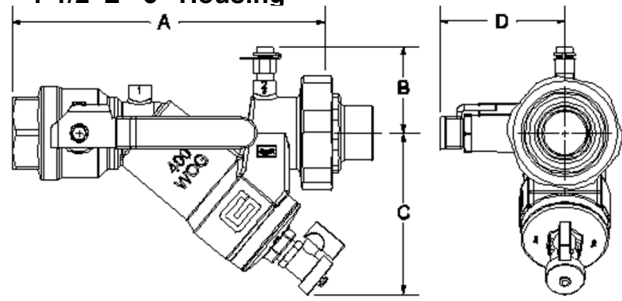
SPECIFICATIONS:

- PSI/Temperature Rating:** 1/2"-1-1/2": 600 WOG 400 PSI / 250° F  
 1-1/2"L-3": 400 WOG 275 PSI / 250° F
- Body Material:** 1/2"-1-1/2": Forged Brass ASTM B283-06  
 1-1/2"L-3": Cast brass
- End Connections:** Brass – NPT, Sweat, QuickPress<sup>1</sup>, Grooved<sup>2</sup>
- Ball Valve Seals:** Teflon
- Union Seal:** EPDM O-Ring
- Body Tappings<sup>3</sup>:** Boss for CPTA and Drain Valve
- Ball Valve:** Nickel-plated brass ball  
 Optional: Stainless Steel ball
- Field Repairable Stem:** Dual Teflon seals and EPDM O-ring
- Strainer:** 20 mesh stainless steel (optional 50 mesh)
- Assembly:** Valve comes fully assembled
- Options:** Combination P/T Test Valve and Manual Air Vent (CPTA), Drain Valve, or 1/2" Bypass<sup>4</sup>, Extension Option

3/4"L - 1-1/2" Housing



1-1/2"L - 3" Housing



DIMENSIONS & WEIGHTS (NOMINAL)

SIZE	A - FIXED END CONNECTION		UNION END CONNECTION <sup>5</sup>						B	C	D	Cv <sup>6</sup>	WEIGHT (LBS.)	
	FNPT	SWT	FNPT		MNPT		SWT							
1/2"	3.9	3.8	1/2":1.0	3/4":N/A <sup>7</sup>	1/2":1.0	3/4":1.2	3/8",1/2":0.8	3/4":1.1	1.9	2.9	1.5	4.7	0.9	
3/4"	3.9	4.0												
3/4"L	5.4	5.4	1/2",3/4":1.0	1":N/A <sup>7</sup>	1/2"-3/4":1.0	1":1.4	3/8",3/4":1.0	1/2":0.7	1":1.3	2.2	3.6	2.6	9.1	2.3
1"	5.4	5.6												
1-1/4"	7.6	7.7	1",1-1/4",1-1/2":1.7		1",1-1/4",1-1/2":1.7 <sup>8</sup>		1",1-1/4":1.7	1-1/2":1.4	2.5	3.1	3.1	24.6	5.0	
1-1/2"	7.5	7.9												
1-1/2"L, 2"	9.3	9.8	1-1/4", 1-1/2":1.6	2": N/A <sup>7</sup>	1",1-1/4":1.8	1-1/2", 2":1.6	1-1/4",2":1.6	1-1/2":1.7	2.6	3.7	3.7	35	8.8	
2"L	10.9	11.2	2": 2.5		2": 1.6		2": 1.6							
2-1/2"	11.1	N/A	N/A <sup>9</sup>						2.9	4.0	4.0	60	12.4	
3"	11.3	N/A	N/A <sup>9</sup>											

For QuickPress connections add 3.1" (1/2") 3.6" (3/4", 3/4"L), 4.1" (1"), to the FNPT length (A) listed for a valve. All dimensions are for planning purpose only, contact factory for actual measurement at time of order.

NOTES

- QuickPress is available on 1/2" to 1" valves only. Connections are compatible with popular press tools and are rated for maximum 200 PSI.
- Grooved End connection is available on 2-1/2" and 3" valves only.
- Body Tappings for accessories are a leak proof metal to metal seal and do not require pipe dope or tape. Tape or dope should not be used.
- Bypass is only available on 1/2" to 1-1/2" valves.
- For overall length, add union end connection length to body length.
- Cv's are based on a clean 20 mesh stainless steel strainer.
- Tailpiece is not available for this size. Male tailpiece used with coupling.
- 1-1/4"-1-1/2" valves can also take 1/2"-3/4" MNPT tailpieces.
- 2-1/2" and 3" Valves are fixed end by fixed end connection. Union connection is not available.

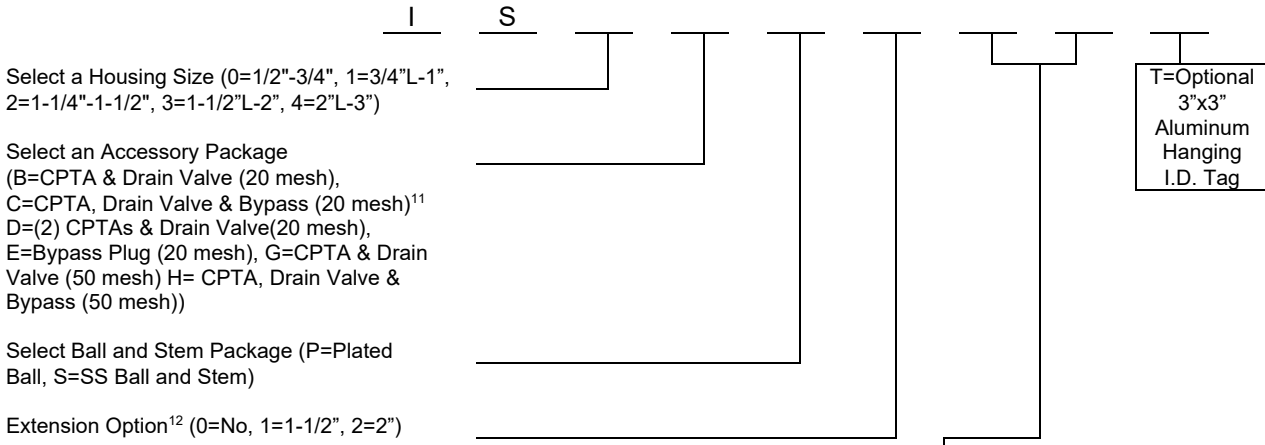
Replaces form F-4079E, F-4279C, F-4201F, F-4380B

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**MODEL NUMBER SELECTION<sup>10</sup>**



Valve	FIXED END OR UNION END <sup>13</sup> (No Union Tailpiece=Z)			UNION END ONLY <sup>13</sup>
	Female Threaded	Female Sweat	QuickPress	Male Threaded
IS0	1/2"=E, 3/4"=F <sup>14</sup>	3/8"=K <sup>15</sup> , 1/2"=L, 3/4"=M	1/2"=2, 3/4"=3	1/2"=H, 3/4"=I
IS1	1/2"=E <sup>15</sup> , 3/4"=F, 1"=G <sup>14</sup>	3/8"=K <sup>15</sup> , 1/2"=L <sup>15</sup> , 3/4"=M, 1"=N	1/2"=2 <sup>15</sup> , 3/4"=3, 1"=1	1/2"=H, 3/4"=I, 1"=J
IS2	1"=G <sup>15</sup> , 1-1/4"=P, 1-1/2"=Q	1"=N <sup>15</sup> , 1-1/4"=K, 1-1/2"=W	N/A	1/2"=H, 3/4"=I, 1"=J, 1-1/4"=S, 1-1/2"=T
IS3	1-1/4"=P <sup>15</sup> , 1-1/2"=Q, 2"=R <sup>14</sup>	1-1/4"=K <sup>15</sup> , 1-1/2"=W, 2"=Y	N/A	1-1/4"=S, 1-1/2"=T, 2"=U
IS4 <sup>13</sup> (Union)	2"=L	2"=Y	N/A	1-1/4"=S, 1-1/2"=T, 2"=U
IS4 <sup>13</sup> (Fixed End)	2"=L, 2-1/2"=M, 3"=N <sup>16</sup>	N/A	N/A	N/A

**NOTES**

- <sup>10</sup> Model no. and flow rate are indicated on label affixed to body.
  - <sup>11</sup> C option with bypass is only available for 1/2" to 1-1/2" size.
  - <sup>12</sup> Extension Option includes handle cover and accessory extensions for either 1-1/2" or 2" insulation.
  - <sup>13</sup> Select the Fixed End First and the Union End Second. For 2-1/2" and 3" size select a 2<sup>nd</sup> fixed end instead of a union end.
  - <sup>14</sup> Tailpiece is not available for this size. Male tailpiece used with coupling.
  - <sup>15</sup> Fixed end not available for this size. Union tailpiece only.
  - <sup>16</sup> For Grooved End option use MG=2-1/2" and NG=3"
- Replaces form F-4079E, F-4279C, F-4201F, F-4380B

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