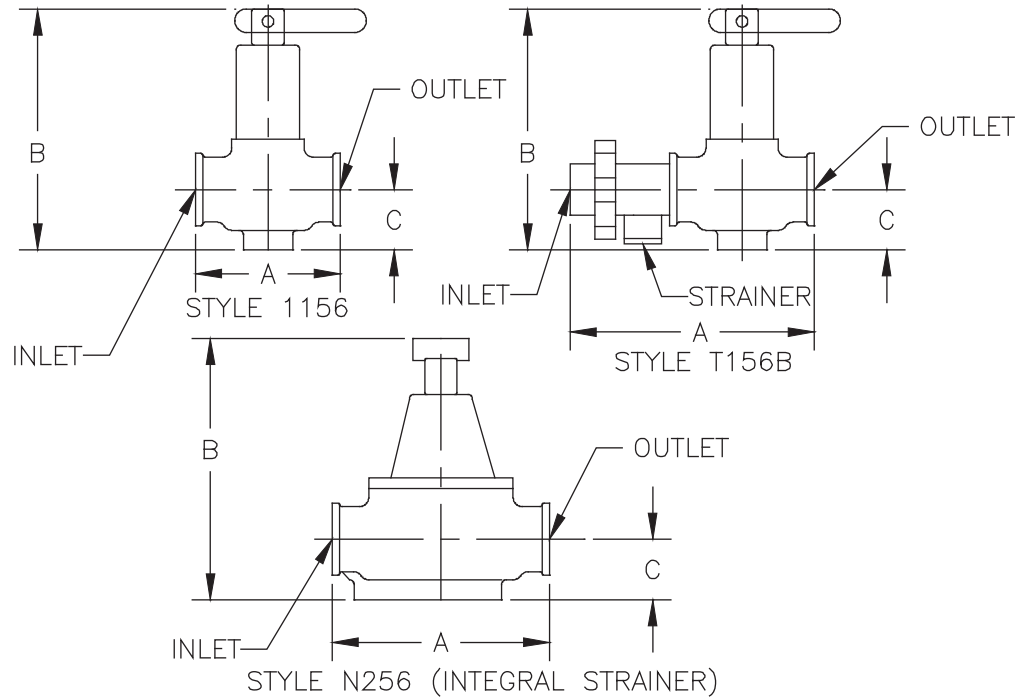


AURORA ACCESSORIES

WATTS PRESSURE REGULATOR

Section **1100** Page **201**

Dated **MARCH 2006**



MODEL	INLET	OUTLET	A	B	C	CONSTRUCTION
1156F	1/2" NPT	1/2" NPT	3.50 (89)	5.28 (134)	1.63 (41)	Iron Body
1156F-A	1/2" NPT (Btm. Inlet)	1/2" NPT	3.50 (89)	5.75 (146)	1.63 (41)	Iron Body
T1156F	1/2" Union	1/2" NPT	4.25 (108)	5.38 (137)	1.63 (41)	Iron Body
S1156F	1/2" Solder	1/2" NPT	4.13 (105)	5.38 (137)	1.63 (41)	Iron Body
B1156F	1/2" NPT	1/2" NPT	3.50 (89)	5.38 *137	1.63 (41)	Bronze Body
SB1156F	1/2" Solder	1/2" NPT	4.38 (111)	5.38 (137)	1.63 (41)	Bronze Body
TB1156F	1/2" Union	1/2" NPT	4.13 (105)	5.38 (137)	1.63 (41)	Bronze Body

WITH STRAINER

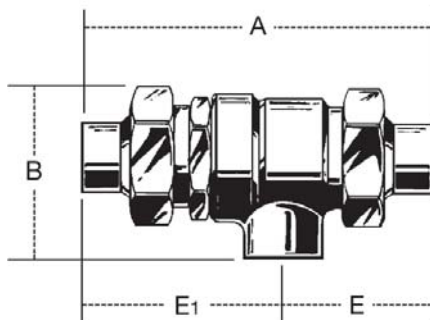
MODEL	INLET	OUTLET	A	B	C	CONSTRUCTION
T156B	1/2" Union	1/2" NPT	5.31 (135)	6.18 (157)	1.63 (41)	Bronze Body
N256	3/4" NPT	3/4" NPT	6.38 (162)	4.00 (102)	1.38 (35)	Bronze Body

NOTES:

1. All dimensions in inches (mm).
2. Dimensions may vary $\pm 1/8$ (3).
3. Maximum working pressure is 100 psi (690 kPa).
4. Maximum working temperature 212°F (100°C).
5. Regulator is set at 15 psi (103 kPa).
6. Adjustment range 10-25 psi (69-172 kPa).
7. For additional information visit www.wattsreg.com.

AURORA ACCESSORIES

WATTS BACKFLOW PREVENTER



MODEL	SIZE	A	B	E	E1
9D M3	1/2" NPT Female Union	4.94 (125)	2.56 (65)	1.94 (49)	2.56 (65)
9DS M3	1/2" Union End Solder	4.38 (111)	2.56 (65)	1.94 (49)	2.56 (65)
9D M2	3/4" NPT Female Union	4.50 (114)	2.56 (65)	1.94 (49)	2.56 (65)
9DS M2	3/4" Union End Solder	4.81 (122)	2.56 (65)	2.06 (52)	2.75 (70)

For systems with out anit-freeze, rust inhibitors or other chenicals. Brass body with stainless steel working parts, integral strainer and rubber discs.

NOTES:

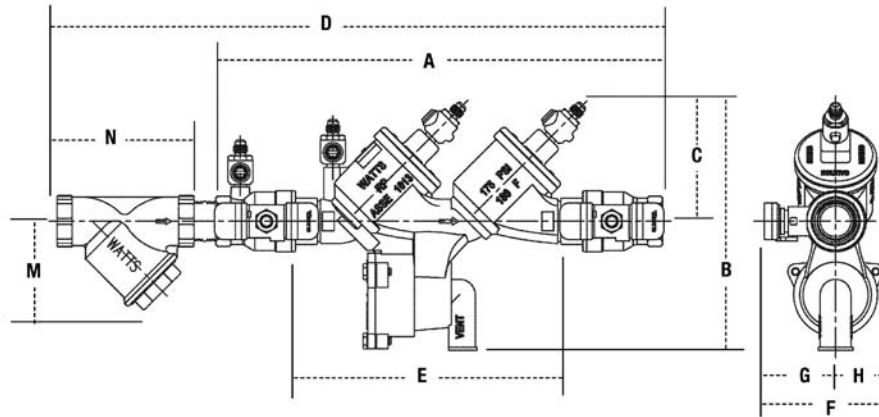
1. All dimensions in inches (mm).
2. Dimensions may vary $\pm 1/8$ (3).
3. Maximum working pressure is 175 psi (12.1 Bar).
4. Maximum working temperature 180 deg F (82 deg C)
5. ASSE standard 1012 and CSA standard B64.3 certified.
6. For additional information visit www.wattsreg.com.

AURORA ACCESSORIES

WATTS REDUCED PRESSURE ZONE DOUBLE CHECK VALVE ASSEMBLY

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Dated **MARCH 2006**



MODEL	SIZE	A	B	C	D	E(LF)	F	G	H	M	N	WT
919QT-S	3/4" NPT	12.13 (307)	7.44 (188)	3.50 (88)	15.50 (393)	7.69 (195)	3.63 (92)	2.06 (52)	1.56 (40)	1.63 (41)	3.19 (81)	10 (4.5)
919QT-S	1" NPT	14.50 (368)	8.00 (202)	3.88 (98)	19.19 (487)	9.19 (233)	4.00 (102)	2.44 (62)	1.56 (40)	2.13 (54)	3.75 (95)	13.8 (6.3)
919QT-S	1-1/4" NPT	18.13 (461)	11.44 (290)	5.13 (129)	23.25 (591)	11.69 (297)	5.13 (130)	2.63 (67)	2.50 (64)	2.50 (64)	4.44 (113)	26.3 (11.9)
919QT-S	1-1/2" NPT	18.75 (476)	11.44 (290)	5.13 (129)	25.06 (637)	11.69 (297)	5.63 (143)	3.13 (79)	2.50 (64)	3.00 (76)	4.88 (124)	32 (14.5)
919QT-S	2" NPT	21.06 (535)	12.06 (307)	5.63 (142)	28.81 (732)	13.38 (340)	5.94 (151)	3.44 (87)	2.50 (64)	3.56 (90)	5.94 (151)	45 (20.4)

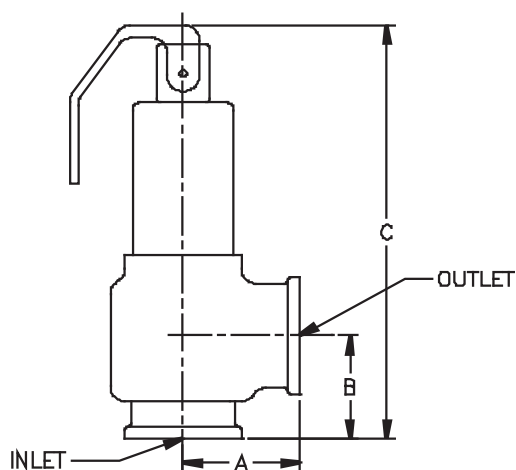
Provides protection against backsiphonage and backpressure backflow. Equiped with 1/4 turn ball valves and bronze strainer.

NOTES:

1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus 1/4 (6)
3. Maximum working pressure is 175 psi (12.1 Bar)
4. Temperature Range 33- 180 deg F (5-82 deg C)
5. For additional information visit www.wattsreg.com

AURORA ACCESSORIES

WATTS ASME WATER
PRESSURE RELIEF VALVE
A.S.M.E.



MODEL	INLET	A	B	C	WT
374A	3/4"	1.50 (38)	1.25 (32)	3.63 (72)	1 (.5)
174A	3/4"	1.63 (41)	1.13 (29)	4.88 (124)	2 (.9)
174A	1"	1.88 (48)	1.50 (38)	5.88 (149)	3 (1.4)
174A	1-1/4"	2.38 (60)	2.13 (54)	8.50 (216)	6 (2.7)
174A	1-1/2"	2.63 (67)	2.50 (64)	9.25 (235)	7 (3.2)
174A	2"	3.38 (86)	3.00 (76)	10.25 (260)	14 (6.4)

Setting and Relieving Capacities (National Board Certified Ratings)**BTU Steam Discharge Capacities in BTU/Hr.**

Model	Size	30 psi	100 psi	125 psi	150 psi
374A	3/4"	550,000	-	-	-
174A	3/4"	650,000	1,695,000	2,070,000	2,445,000
174A	1"	1,005,000	2,635,000	3,215,000	3,795,000
174A	1-1/4"	1,682,000	4,399,000	5,370,000	6,340,000
174A	1-1/2"	2,020,000	2,290,000	6,460,000	7,630,000
174A	2"	3,815,000	9,970,000	12,170,000	12,437,000

RTF on pressure ranges other than noted above.

Bronze body ASME water pressure safety relief valve

NOTES:

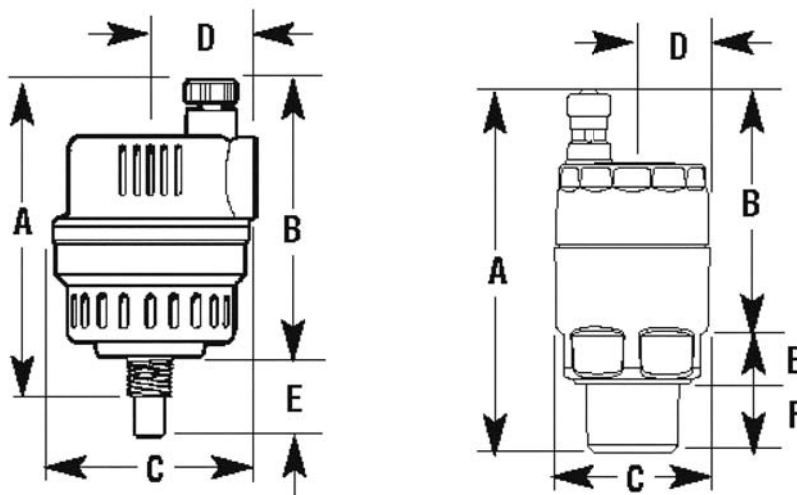
1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus 1/8 (3)
3. Maximum working pressure is 150 psi (517kPa)
4. Pressure range 30-150 psi in 5 psi increments.
5. For additional information visit www.wattsreg.com

AURORA ACCESSORIES

WATTS AUTOMATIC VENT VALVE

Section **1100** Page **205**

Dated **MARCH 2006**

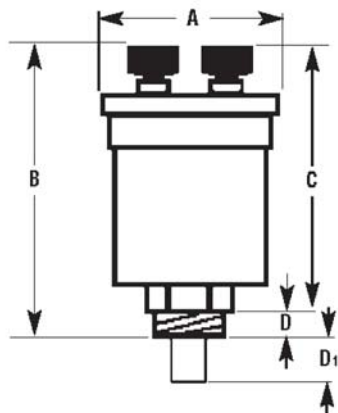


MODEL	SIZE	A	B	C	D	E	F
FV-4M1	1/8" NPTF	2.94 (75)	2.63 (67)	1.63 (41)	0.81 (21)	0.31 (8)	0.31 (8)
FV-4M1	1" NPTF	3.13 (79)	2.63 (67)	1.63 (41)	0.81 (21)	0.13 (3)	0.50 (13)
FV-4M1	1/2" NPTF	3.31 (84)	2.69 (69)	1.25 (32)	0.69 (18)	0.63 (16)	-
FV-4M1	3/4" NPTF	3.38 (86)	2.69 (69)	1.25 (32)	0.69 (18)	0.63 (16)	-
FV-4M1	1" NPTF	3.50 (89)	2.69 (69)	1.38 (35)	0.69 (18)	0.81 (20)	-

For automatic air venting of hot or cold water. Brass body with polyethylene float.

NOTES:

1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus 1/8 (3)
3. Maximum working pressure is 150 psi (10 Bar),
Minimum Working Pressure 1.45 psi (10 kPa)
4. Maximum working temperature 240 deg F (116 deg C)
5. For additional information visit www.wattsreg.com

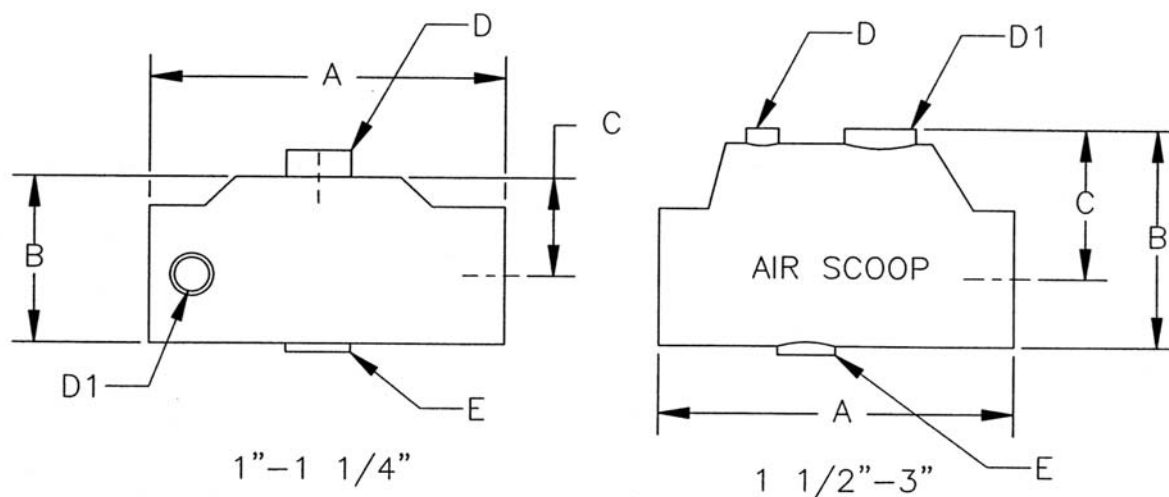


MODEL	SIZE	A	B	C	D	D1
Duo Vent	1/8" NPTF	1.31 (33)	3.00 (76)	2.69 (68)	0.31 (8)	0.31 (8)
Duo Vent	1/4" NPTF	1.31 (33)	3.13 (79)	2.69 (68)	0.44 (11)	0.31 (8)

For automatic or manual (red cap) air venting of hot or cold water. Brass body with polyethylene float.

NOTES:

1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus 1/8 (3)
3. Maximum working pressure is 150 psi (10 Bar),
Minimum Working Pressure 1.45 psi (10 kPa)
4. Maximum working temperature 240 deg F (116 deg C)
5. For additional information visit www.wattsreg.com

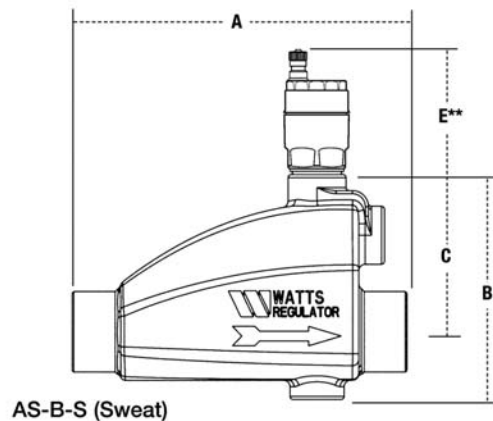
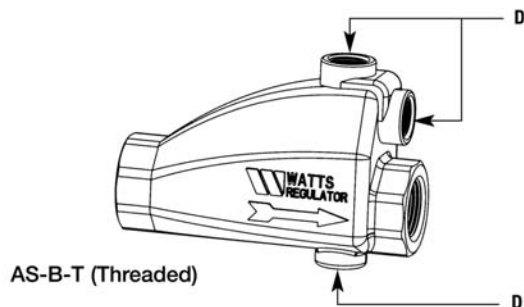


MODEL	SIZE	A	B	C	D	D1	E	WT
AS-M1	1"	6.25 (159)	4.00 (102)	2.75 (70)	0.13 (3)	-	0.50 (13)	4.5 (2.0)
AS-M1	1-1/4"	3.25 (159)	4.00 (102)	2.75 (70)	0.13 (3)	-	0.50 (13)	4.5 (2.0)
AS-M1	1-1/2"	8.00 (203)	5.31 (135)	3.63 (92)	0.13 (3)	1.00 (25)	0.50 (13)	7.4 (3.4)
AS-M1	2"	8.00 (203)	5.31 (135)	3.63 (92)	0.13 (3)	1.00 (25)	0.50 (13)	7.4 (3.4)
AS-M1	2-1/2"	10.31 (262)	7.25 (184)	5.00 (127)	0.13 (3)	1.00 (25)	0.50 (13)	15.0 (6.8)
AS-M1	3"	10.31 (262)	7.25 (184)	5.00 (127)	0.13 (3)	1.00 (25)	0.50 (13)	15.0 (6.8)
AS-M1-T	1"	6.25 (159)	4.00 (102)	2.75 (70)	0.13 (3)	0.50 (13)	0.50 (13)	4.5 (2.0)
AS-M1-T	1-1/4"	6.25 (159)	4.00 (102)	2.75 (70)	0.13 (3)	0.50 (13)	0.50 (13)	4.5 (2.0)

For use on hydronic system piping to separate air from water. All scoops have 1/8" tap for mounting automatic air vent and 1/2" tap for connection with expansion tank. Model AS-M1-T have 1/2" side tap for fill valve piping.

NOTES:

1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus 1/8 (3)
3. Maximum working pressure is 80 psi (551 Bar)
4. Maximum working temperature 275 deg F (135 deg C)
5. For additional information visit www.wattsreg.com



MODEL	SIZE	A	B	C	D	E**	WT
AS-B-T	3/4" NPT	5.06 (129)	3.44 (87)	2.31 (59)	0.50 (13)	3.44 (85)	1.7 (.8)
AS-B-T	1" NPT	6.13 (156)	4.31 (110)	3.00 (76)	0.50 (13)	3.44 (85)	3.9 (1.8)
AS-B-T	1-1/4" NPT	6.13 (156)	4.31 (110)	3.00 (76)	0.50 (13)	3.44 (85)	3.6 (1.6)
AS-B-S	3/4" SWEAT	5.00 (127)	3.44 (87)	2.31 (59)	0.50 (13)	3.44 (85)	1.7 (.8)
AS-B-S	1" SWEAT	6.50 (165)	4.31 (110)	3.00 (76)	0.50 (13)	3.44 (85)	3.4 (1.6)
AS-B-S	1-1/4" SWEAT	6.50 (165)	4.31 (110)	3.00 (76)	0.50 (13)	3.44 (85)	3.4 (1.6)

All bronze air separators are used on hydronic system piping to separate air from water. All scoops have 1/2" taps for mounting on expansions tank, air vent and for boiler fill piping.

NOTES:

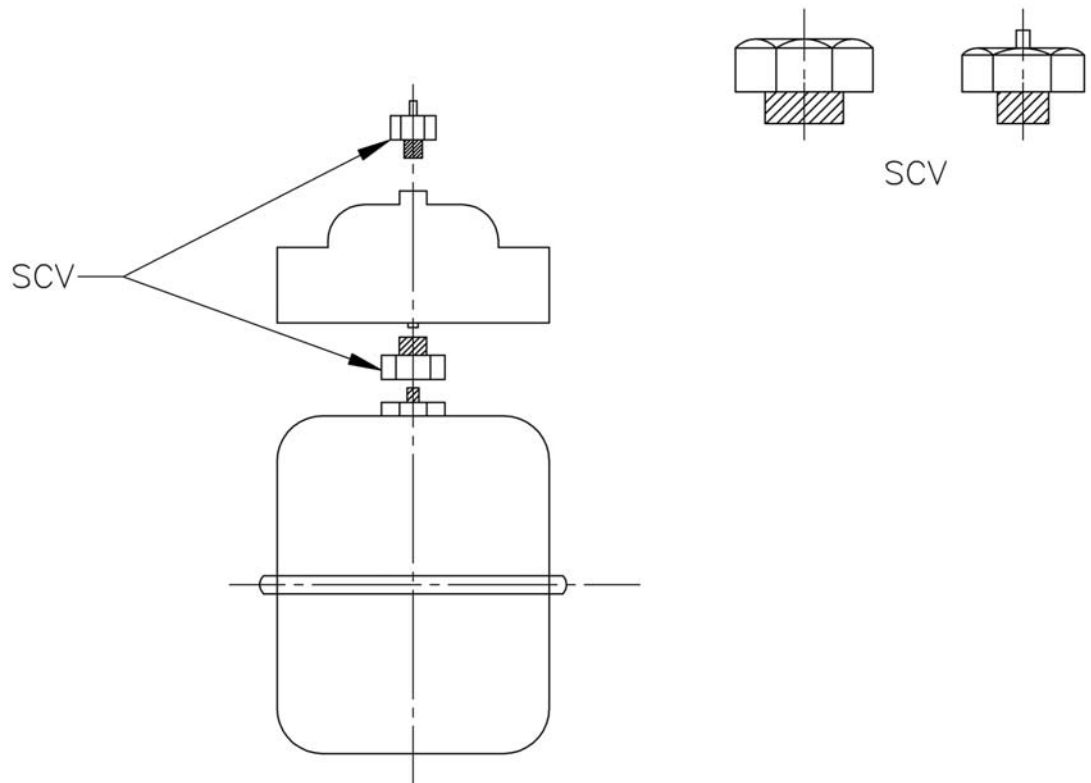
1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus 1/8 (3)
3. Maximum working pressure is 125 psi (860 kPa)
4. Maximum working temperature 275 deg F (135 deg C)
5. E** Dimension shows customer mounted air vent, see section 1100 page 205 and 206
6. For additional information visit www.wattsreg.com

AURORA ACCESSORIES

WATTS SERVICE CHECK VALVE

Section **1100** Page **209**

Dated **MARCH 2006**

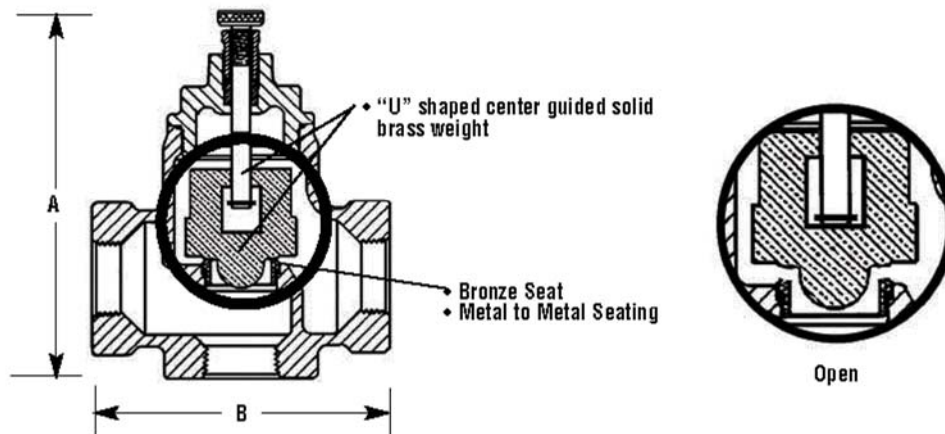


MODEL	SIZE
SCV	1/8" NPT
SCV	1/4" NPT
SCV	3/8" NPT
SCV	1/2" NPT
SCV	3/4" NPT

Service check valves are mounted between system piping and a component. They allow the servicing of the component with out draining the system.

NOTES:

1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus 1/8 (3)
3. For additional information visit www.wattsreg.com



MODEL	SIZE	A	B	WT
2000-M5	3/4"	5.00 (127)	4.13 (105)	3 (1.4)
2000-M5	1"	5.00 (127)	4.13 (105)	3 (1.4)
2000-M5	1-1/4"	5.63 (143)	4.75 (121)	4.5 (2.0)
2000-M5	1-1/2"	7.25 (184)	5.00 (127)	8 (3.6)
2000-M5	2"	7.50 (191)	6.88 (175)	12 (5.4)
2000-M5	2-1/2"	9.63 (245)	8.38 (213)	22 (10.0)
2000-M5	3"	10.00 (250)	9.00 (229)	24 (10.9)
2000S-M5	3/4" Solder	3.63 (92)	3.00 (76)	1 (.5)
2000S-M5	1" Solder	3.88 (98)	3.75 (95)	2 (.9)

For use on hydronic systems to prevent water flow by gravity circulation. Model 2000-M5: Iron body with bronze seat and guide. Model 2000S-M5: Bronze body with bronze seat and guide.

NOTES:

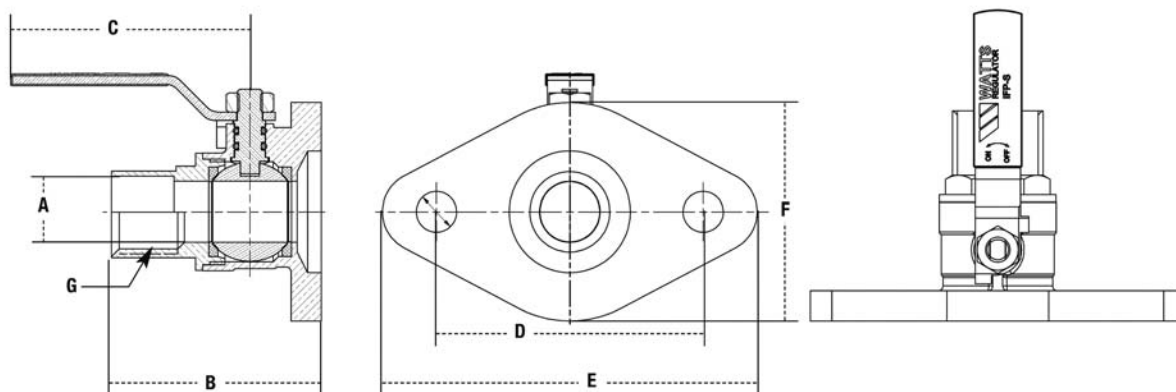
1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus 1/8 (3)
3. Maximum working pressure: Size $\frac{1}{2}$ " to 1-1/4" is 50 psi (345 kPa)
Size 1-1/2" to 3" is 125 psi (8.6 Bar)
4. Maximum working temperature 250 deg F (121 deg C)
5. For additional information visit www.wattsreg.com

AURORA ACCESSORIES

WATTS ISOLATED FLANGES FOR CIRCULATOR PUMPS

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Dated **MARCH 2006**



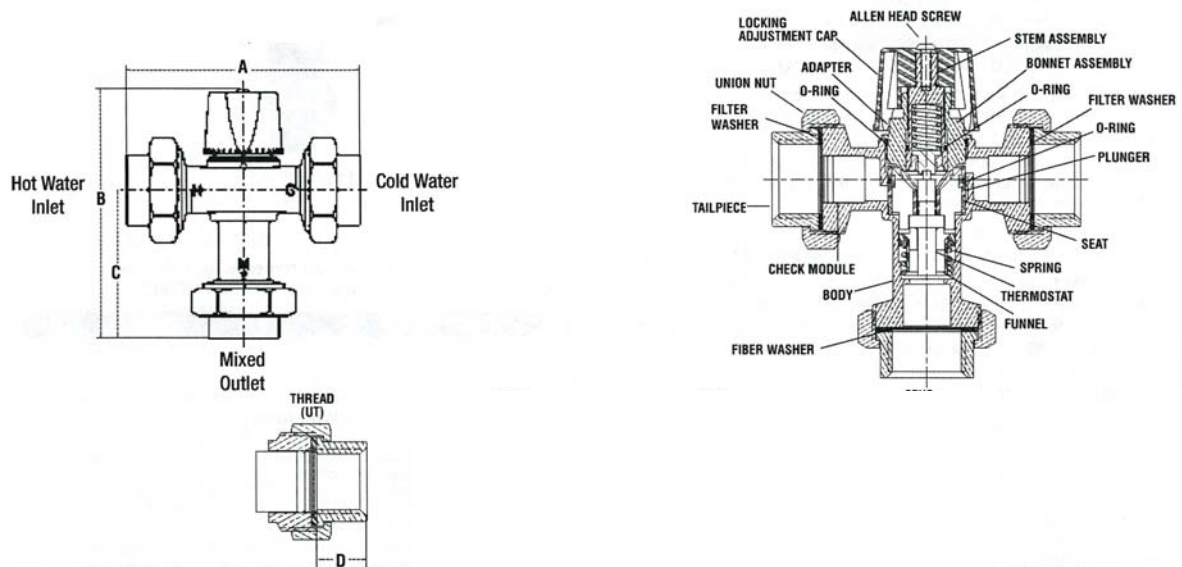
MODEL	SIZE	A	B	C	D	E	F	G	WT
IPF-T	1/2" NPT	0.56 (14)	1.88 (49)	3.00 (77)	3.19 (80)	4.63 (118)	2.69 (69)	1/2" NPT	1.2 (.53)
IPF-T	3/4" NPT	0.75 (19)	2.13 (54)	3.00 (77)	3.19 (80)	4.63 (118)	2.69 (69)	3/4" NPT	1.3 (.61)
IPF-T	1" NPT	1.00 (25)	2.50 (63)	3.00 (77)	3.19 (80)	4.63 (118)	2.69 (69)	1" NPT	1.6 (.72)
IPF-T	1-1/4" NPT	1.25 (32)	2.81 (72)	4.00 (107)	3.19 (80)	4.63 (118)	2.69 (69)	1-1/4" NPT	2.1 (.97)
IPF-T	1-1/2" NPT	1.50 (40)	3.13 (79)	4.00 (107)	3.19 (80)	4.63 (118)	2.69 (69)	1-1/2" NPT	2.5 (1.13)
IPF-T	2" NPT	2.00 (50)	3.50 (90)	4.00 (107)	3.44 (87)	4.63 (118)	2.69 (69)	2" NPT	2.5 (1.16)
IPF-S	1/2" Solder End	0.50 (15)	1.88 (49)	3.00 (77)	3.19 (80)	4.63 (118)	2.69 (69)	-	1.2 (.53)
IPF-S	3/4" Solder End	0.75 (20)	2.13 (54)	3.00 (77)	3.19 (80)	4.63 (118)	2.69 (69)	-	1.3 (.61)
IPF-S	1" Solder End	1.00 (25)	2.50 (63)	3.00 (77)	3.19 (80)	4.63 (118)	2.69 (69)	-	1.6 (.72)
IPF-S	1-1/4" Solder End	1.25 (32)	2.81 (72)	4.00 (107)	3.19 (80)	4.63 (118)	2.69 (69)	-	2.1 (.97)
IPF-S	1-1/2" Solder End	1.50 (40)	3.13 (79)	4.00 (107)	3.19 (80)	4.63 (118)	2.69 (69)	-	2.5 (1.13)

Pressure rated 600 WOG ball valve with integral circulator flange.

NOTES:

1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus 1/8 (3)
3. Maximum working pressure is 100 psi (6.9 Bar) at 406 deg F (208 deg C)
4. Pressure rated at 600 WOG
5. For additional information visit www.wattsreg.com

WATTS HOT WATER TEMPERATURE CONTROL VALVE



MODEL	SIZE	A	B	C	D	WT
1170-UT M2	1/2"	4.88 (124)	5.44 (137)	3.19 (80)	0.50 (13)	1.5 (.68)
1170-UT M2	3/4"	4.88 (124)	5.44 (137)	3.19 (80)	0.56 (14)	1.6 (.73)
1170-UT M2	1"	5.31 (135)	5.63 (143)	3.38 (86)	0.69 (17)	1.6 (.73)
L1170-UT M2	1/2"	4.88 (124)	5.44 (137)	3.19 (80)	0.50 (13)	1.5 (.68)
L1170-UT M2	3/4"	4.88 (124)	5.44 (137)	3.19 (80)	0.56 (14)	1.6 (.73)
L1170-UT M2	1"	5.31 (135)	5.63 (143)	3.38 (86)	0.69 (17)	1.6 (.73)

Used on boiler supply lines to control the temperature of supply water to heating zones. Mix's hot boiler water with cooler return water to provide control of water in the domestic hot water system

Minimum supply static pressure: 30psi (207 kPa)

Minimum Flow requirement to maintain temperature: 0.5 gpm (1.9 lpm)

Inlet Temperatures: Hot inlet 120-200 deg F (49-93 deg C)

Cold inlet: 40-85 deg F (5-29 deg C)

Minimum Differential Pressure: 15 deg F (9 deg C)

Model 1170-UT M2 temperature out: 90-160 deg F (32-71 deg C)

Model L1170-UT M2 temperature out: 60-120 deg F (16-49 deg C)

NOTES:

1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus 1/8 (3)
3. Maximum working pressure: 150 psi (345 10 Bar)
4. Maximum working temperature 200 deg F (93 deg C)
5. For additional information visit www.wattsreg.com

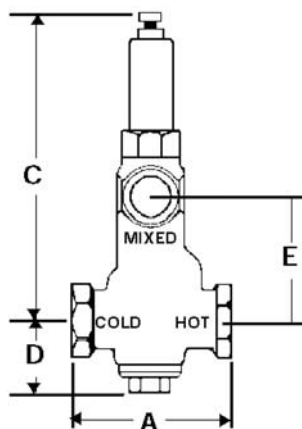
AURORA ACCESSORIES

WATTS HOT WATER EXTENDER

TEMPERING VALVES

Section **1100** Page **213**

Dated **MARCH 2006**



MODEL	SIZE	A	B	C	D	WT
N170-M2 N170L-M2 N170-M2-HT	3/4"	4.13 (105)	5.63 (143)	2.00 (50)	3.50 (90)	4.1 (1.9)
N170-M2 N170L-M2 N170-M2-HT	1"	4.50 (114)	5.63 (143)	2.00 (50)	3.50 (90)	4.4 (2.0)
N170-M2 N170L-M2 N170-M2-HT	1-1/4"	6.00 (152)	6.00 (152)	2.00 (50)	3.44 (88)	8 (3.6)
N170-M2 N170L-M2 N170-M2-HT	1-1/2"	6.00 (152)	6.00 (152)	2.13 (54)	3.44 (88)	8 (3.6)
N170-M2 N170L-M2 N170-M2-HT	2"	6.38 (162)	6.00 (152)	2.13 (54)	3.44 (88)	8.75 (4.0)

Used on larger hot water supply systems for mixing hot and cold water to extend the hot water supply.
Bronze body with stainless steel disk (HT models have Teflon disk) and copper thermostat.

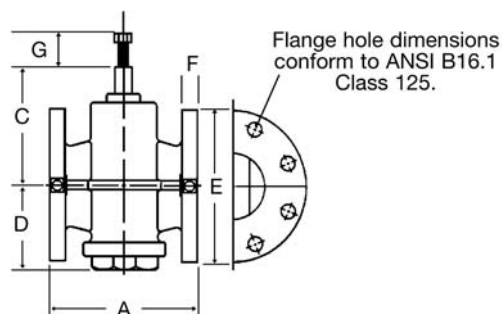
Minimum flow requirement to maintain temperature: 8-9 gpm (30-34 lpm)

Model N170-M2 & N170-M2-HT Adjustable range: 130-180 deg F (55-82 deg C)

Model N170L-M2 Adjustable range: 100-130 deg F (38-55 deg C)

NOTES:

1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus 1/8 (3)
3. Maximum working pressure: 150 psi (10 Bar)
4. Maximum working temperature 210 deg F (99 deg C)
5. For additional information visit www.wattsreg.com.

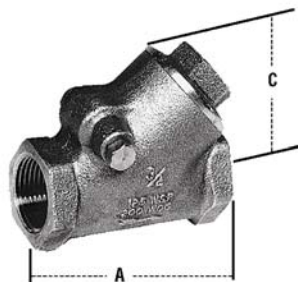


MODEL	SIZE	A	C	D	E	F	G	WT
CSM-81-F	2-1/2" Flange End	7.50 (191)	5.13 (130)	3.94 (99)	7.00 (178)	0.69 (17)	2.50 (64)	29.5 (13.4)
CSM-81-F	3" Flange End	8.00 (203)	5.44 (137)	4.19 (106)	7.50 (191)	0.75 (19)	2.50 (64)	39 (17.7)
CSM-81-F	4" Flange End	9.00 (229)	6.50 (165)	4.94 (124)	9.00 (229)	0.94 (24)	2.50 (64)	61.5 (27.9)
CSM-81-F	5" Flange End	10.50 (267)	7.75 (197)	6.00 (153)	10.00 (254)	1.00 (25)	2.50 (64)	88 (39.9)
CSM-81-F	6" Flange End	10.50 (267)	7.75 (197)	6.00 (153)	11.00 (279)	1.00 (25)	2.50 (64)	100 (45.4)
CSM-81-F	8" Flange End	11.50 (292)	9.19 (233)	6.50 (165)	13.50 (343)	1.13 (28)	2.50 (64)	172 (78)

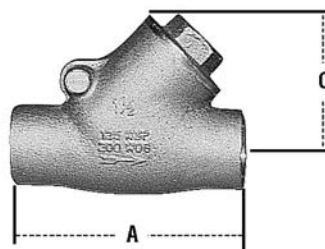
Flow control and measurement valve of the plug type design. Cast iron body and plug with Teflon stem seat.

NOTES:

1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus 1/8 (3)
3. Maximum working pressure: 175 psi (12 Bar)
4. Maximum working temperature 250 deg F (121 deg C)
5. For additional information visit www.wattsreg.com



Model CVY



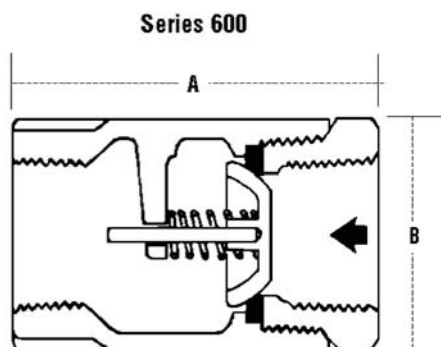
Model CVYS

MODEL	SIZE	A	C
CVY	3/8" IPS Threaded	2.19 (55)	1.63 (41)
CVY	1/2" IPS Threaded	2.19 (55)	1.63 (41)
CVY	3/4" IPS Threaded	2.75 (70)	2.00 (50)
CVY	1" IPS Threaded	3.13 (79)	2.25 (57)
CVY	1-1/4" IPS Threaded	3.75 (95)	2.69 (68)
CVY	1-1/2" IPS Threaded	4.31 (108)	3.06 (78)
CVY	2" IPS Threaded	5.06 (129)	3.75 (95)
CVYS	1/2" CxC Solder Connections	2.69 (68)	1.63 (41)
CVYS	3/4" CxC Solder Connections	3.38 (86)	1.94 (49)
CVYS	1" CxC Solder Connections	4.06 (102)	2.25 (57)
CVYS	1-1/4" CxC Solder Connections	4.75 (121)	2.63 (67)
CVYS	1-1/2" CxC Solder Connections	5.38 (137)	3.06 (78)
CVYS	2" CxC Solder Connections	6.69 (168)	3.75 (95)

Bronze body check valve for water or steam service

NOTES:

1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus 1/8 (3)
3. Maximum working pressure: 125 psi (8.6 Bar) WSP, 200 psi (13.8 Bar) WOG non-shook.
4. Maximum working temperature 250 deg F (121 deg C)
5. For additional information visit www.wattsreg.com

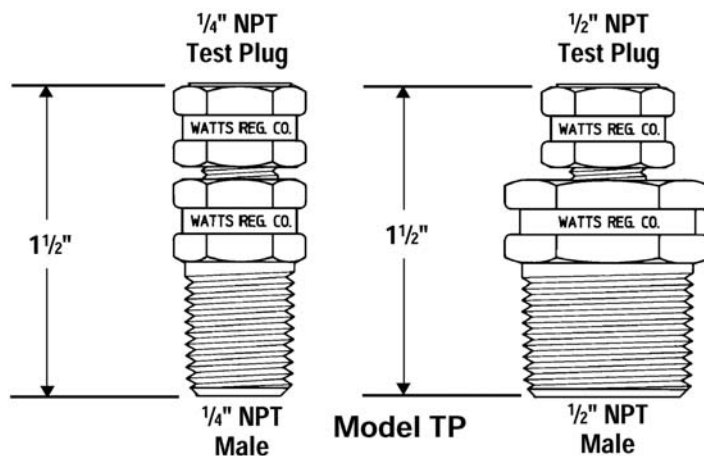


MODEL	SIZE	A	C
Series 600	1/4"	2.13 (54)	1.25 (32)
Series 600	1/2"	2.13 (54)	1.25 (32)
Series 600	1"	3.13 (95)	2.00 (50)
Series 600	1-1/4"	3.75 (95)	2.50 (64)
Series 600	1-1/2"	4.00 (102)	2.75 (70)
Series 600	2"	4.50 (114)	3.50 (89)

Bronze body silent check valve for water or steam service.

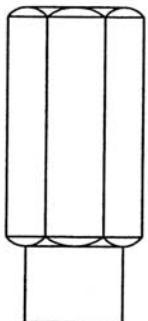
NOTES:

1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus 1/8 (3)
3. Maximum working pressure: 15 psi (1 Bar) WSP, 400 psi (27.6 Bar) WOG non-shook.
4. Maximum working temperature: 250 deg F (121 deg C) WSP, -20 to 100 deg F (-29 to 38 deg C) WOG.
5. For additional information visit www.wattsreg.com



MODEL	SIZE	Max Temp/Max Pressure
TP-N	1/4" NPT	200°F/500psi (93°C/34bars)
TP-E	1/4" NPT	275°F/500psi (135°C/34bars)
TP-V	1/4" NPT	400°F/500psi (204°C/34bars)
TP-N	1/2" NPT	200°F/500psi (93°C/34bars)
TP-E	1/2" NPT	275°F/500psi (135°C/34bars)
TP-V	1/2" NPT	400°F/500psi (204°C/34bars)

AURORA ACCESSORIES
WATTS EXTENSION

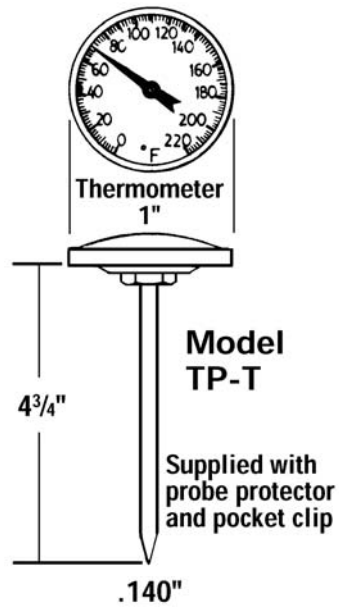


1/2" TP-X



1/4" TP-X

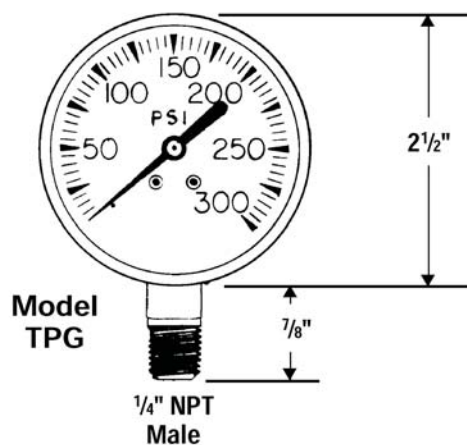
MODEL	SIZE
TP-X	1/4"m x 1/4f
TP-X	1/2"m x 1/2f



MODEL	SIZE
TP-T	2° Graduation

AURORA ACCESSORIES

WATTS GAUGES



Case and Ring - Black coated steel
Bourdon tube movement
Socket - Brass
ASME Type B
-4 to 176°F (-20-80°C)

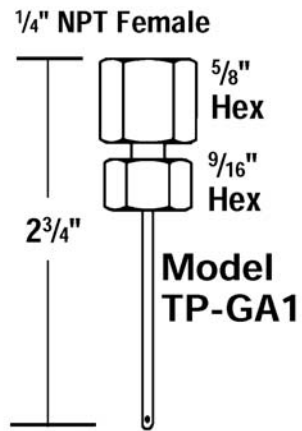
MODEL	SIZE
TPG-30	1/4" NPT
TPG-160	1/4" NPT
TPG-300	1/4" NPT

AURORA ACCESSORIES

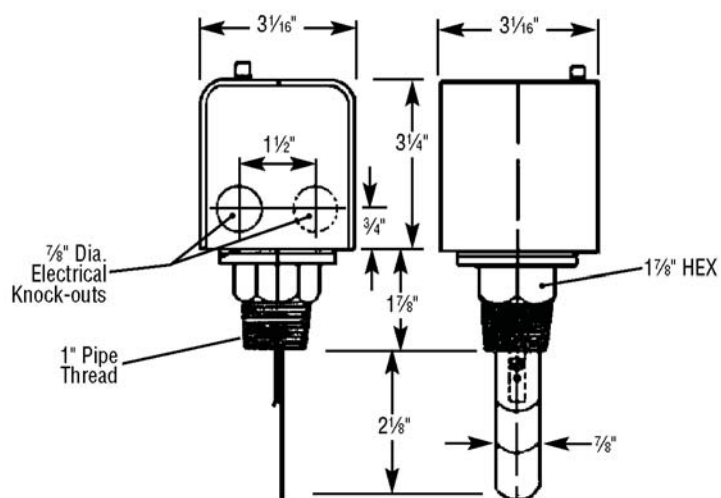
WATTS GAUGE ADAPTER

Section **1100** Page **221**

Dated **MARCH 2006**



MODEL	SIZE
TP-GA1	1/4" NPT



MODEL	SIZE
FS10-C	1" NPT
FS10-CL	1" NPT

Paddle type flow switch actuated by liquid flow. Bronze body with copper paddles.

Model FS10-C standard unit

Model FS10-CL with indicator light

Unit weight is 2.5 lbs (1.1 kg)

NOTES:

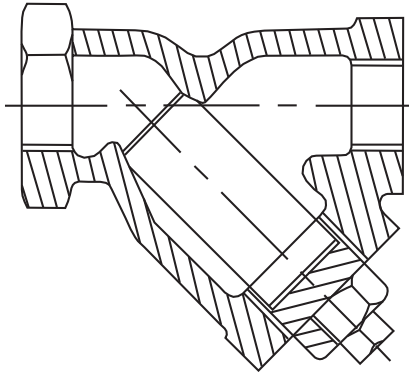
1. All dimensions in inches (mm), lbs (kg)
2. Dimensions may vary plus minus $\frac{1}{8}$ (3)
3. Maximum working pressure: 175 psi (12 Bar)
4. Maximum working temperature 300 deg F (149 deg C)
5. For additional information visit www.wattsreg.com

AURORA ACCESSORIES

WATTS CAST IRON Y STRAINER

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Dated **MARCH 2006**



MODEL	SIZE	CONNECTION	WT LBS (KG)
77SI	1/4"	Threaded End	1.5 (0.7)
77SI	3/8"	Threaded End	1.5 (0.7)
77SI	1/2"	Threaded End	2.5 (1.1)
77SI	3/4"	Threaded End	2.5 (1.1)
77SI	1"	Threaded End	3.0 (1.4)
77SI	1-1/4"	Threaded End	5.5 (2.5)
77SI	1-1/2"	Threaded End	8.0 (3.6)
77SI	2"	Threaded End	13 (5.9)
77SI	2-1/2"	Threaded End	22 (10.0)
77SI	3"	Threaded End	30 (13.6)

Extra Heavy Iron Body.

Furnished with 20 mesh stainless steel screen.

Straight treads and tapped for closure plug (closure plug not included).

Other screens available upon request.

Working pressure - non shock: 250 WSP psi @ 406°F (208°C)

400 WOG pressure @ 100°F (38°C)

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