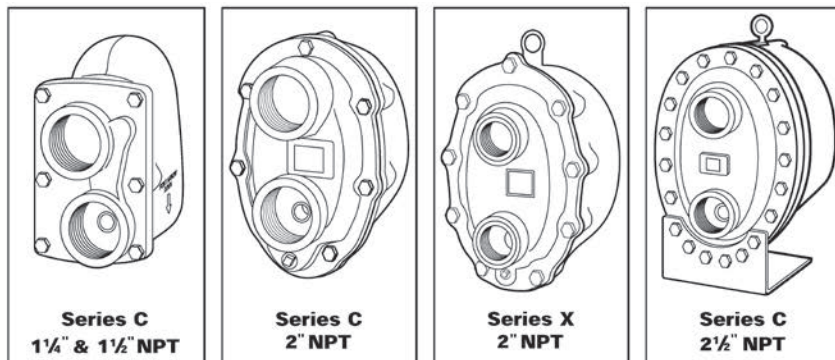


| Job               | Representative      |             |  |
|-------------------|---------------------|-------------|--|
| Unit tag: _____   | Order number: _____ | Date: _____ |  |
| Engineer: _____   | Submitted by: _____ | Date: _____ |  |
| Contractor: _____ | Approved by: _____  | Date: _____ |  |



Hoffman Specialty® Series  
**Series C and X**  
Float and thermostatic  
steam traps

### Schedule

| Part number | Model number | NPT size | Inlet press.<br>PSI (bar) | Diff. press.<br>PSI (bar) | Flow rate<br>lb/h (kg/h) | Tagging information | Quantity |
|-------------|--------------|----------|---------------------------|---------------------------|--------------------------|---------------------|----------|
| 404230      | FT015C-6     | 1-1/2    |                           |                           |                          |                     |          |
| 404240      | FT015C-8     | 2        |                           |                           |                          |                     |          |
| 404242      | FT015X-8     | 2        |                           |                           |                          |                     |          |
| 404244      | FT015C-10    | 2-1/2    |                           |                           |                          |                     |          |
| 404232      | FT030C-6     | 1-1/2    |                           |                           |                          |                     |          |
| 401887      | FT030C-8     | 2        |                           |                           |                          |                     |          |
| 401899      | FT030X-8     | 2        |                           |                           |                          |                     |          |
| 401875      | FT030C-10    | 2-1/2    |                           |                           |                          |                     |          |
| 404224      | FT075C-5     | 1-1/4    |                           |                           |                          |                     |          |
| 404234      | FT075C-6     | 1-1/2    |                           |                           |                          |                     |          |
| 401890      | FT075C-8     | 2        |                           |                           |                          |                     |          |
| 401902      | FT075X-8     | 2        |                           |                           |                          |                     |          |
| 401878      | FT075C-10    | 2-1/2    |                           |                           |                          |                     |          |
| 404226      | FT125C-5     | 1-1/4    |                           |                           |                          |                     |          |
| 404236      | FT125C-6     | 1-1/2    |                           |                           |                          |                     |          |
| 401893      | FT125C-8     | 2        |                           |                           |                          |                     |          |
| 401905      | FT125X-8     | 2        |                           |                           |                          |                     |          |
| 401881      | FT125C-10    | 2-1/2    |                           |                           |                          |                     |          |
| 404228      | FT175C-5     | 1-1/4    |                           |                           |                          |                     |          |
| 404238      | FT175C-6     | 1-1/2    |                           |                           |                          |                     |          |
| 401896      | FT175C-8     | 2        |                           |                           |                          |                     |          |
| 401907      | FT175X-8     | 2        |                           |                           |                          |                     |          |
| 401884      | FT175C-10    | 2-1/2    |                           |                           |                          |                     |          |

## Materials of construction

| Part                  | Specifications                           |
|-----------------------|------------------------------------------|
| Body and cover        | Cast iron 30,000 PSI tensile             |
| Valve pin and seat    | Stainless steel (hardened)               |
| Float                 | Stainless steel                          |
| Lever assembly        | Stainless steel                          |
| Thermostatic air vent | Stainless steel cage and thermal element |
| Cover bolts           | Grade 5 steel                            |
| Baffle                | Stainless steel (2 - 1/2" units only)    |

## Ratings

| NPT size            | Maximum operating pressure<br>PSIG (bar) | Maximum temperature<br>°F (°C) |
|---------------------|------------------------------------------|--------------------------------|
| 1-1/4 through 2-1/2 | 175 (12.1)                               | 377 (192)                      |

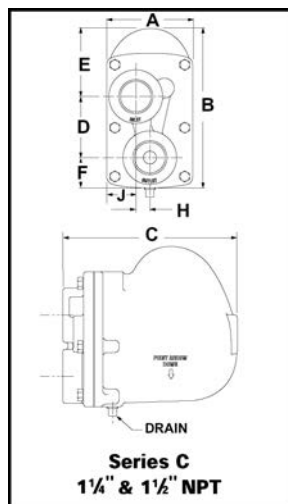
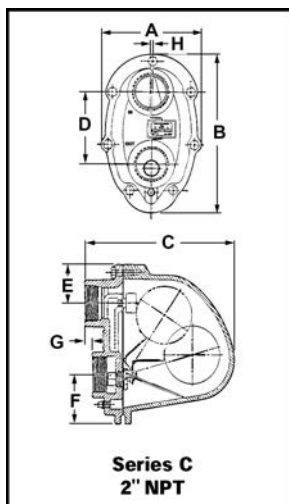
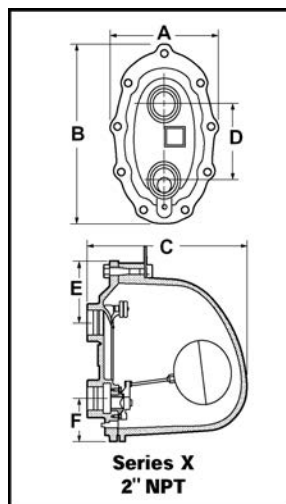
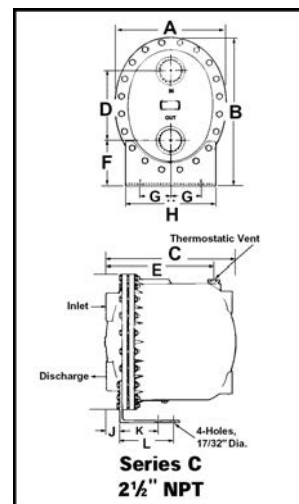
Meets Mil Specification A-A-60001 Type VI, Class 1 - 5.

## Dimensions

Dimensions are in inches (millimeters). Weights are in pounds (kilograms).

| NPT size | A               | B               | C               | D                | E                 | F              | G             | H               | J             | K              | L          | Weight<br>lbs. (kgs.) |
|----------|-----------------|-----------------|-----------------|------------------|-------------------|----------------|---------------|-----------------|---------------|----------------|------------|-----------------------|
| 1-1/4    | 4-1/4<br>(108)  | 8-5/16<br>(211) | 8-9/16<br>(217) | 3<br>(76)        | 3-3/8 (86)        | 2<br>(51)      | -             | 45/64<br>(17.8) | 1-3/8<br>(35) | -              | -          | 18<br>(8.2)           |
| 1-1/2    | 4-1/4<br>(108)  | 8-5/16<br>(211) | 8-9/16<br>(217) | 3<br>(76)        | 3-3/8 (86)        | 2<br>(51)      | -             | 45/64<br>(17.8) | 1-3/8<br>(35) | -              | -          | 18<br>(8.2)           |
| 2-std    | 7-3/16<br>(183) | 10-1/8<br>(257) | 10-1/2<br>(267) | 4-15/16<br>(379) | 2-11/16<br>(68)   | 3-1/4<br>(83)  | 1/2<br>(12.7) | 1/8<br>(3.2)    | -             | -              | -          | 108<br>(49)           |
| 2-X      | 10<br>(254)     | 15<br>(381)     | 15-1/2<br>(394) | 6-5/8<br>(168)   | 4-3/4<br>(121)    | 3-1/2<br>(89)  | -             | -               | -             | -              | -          | 108<br>(49)           |
| 2-1/2    | 14-1/2<br>(368) | 20-1/4<br>(514) | 17-3/8<br>(441) | 9-1/2<br>(241)   | 14-15/16<br>(379) | 6-1/4<br>(159) | 5<br>(127)    | 12<br>(305)     | 1-5/8<br>(41) | 4-1/2<br>(114) | 7<br>(178) | 175<br>(79)           |

This information is subject to change without notice. Do not use for construction purposes.



Capacities (gross ratings)

| Model     | NPT size | Orifice size in. (mm.) | Pressure differential in pounds per square inch (bar)          |              |               |               |               |               |               |               |               |               |               |
|-----------|----------|------------------------|----------------------------------------------------------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|           |          |                        | 1/4 (0.017)                                                    | 1/2 (0.035)  | 1 (0.07)      | 2 (0.14)      | 5 (0.35)      | 10 (0.69)     | 15 (1.0)      | 20 (1.4)      | 25 (1.69)     | 30 (2.1)      | 40 (2.8)      |
|           |          |                        | Capacity in pounds of condensate per hour (kilograms per hour) |              |               |               |               |               |               |               |               |               |               |
| FT015C-8  | 1-1/2    | .5 (12.7)              | 1100 (500)                                                     | 1700 (770)   | 2400 (1090)   | 3300 (1500)   | 5000 (2270)   | 6600 (3000)   | 7600 (3450)   |               | -             |               | -             |
| FT015C-8  | 2        | .687 (17.4)            | 2300 (1043)                                                    | 2800 (1270)  | 3600 (1630)   | 4650 (2110)   | 6900 (3130)   | 9000 (4080)   | 10900 (4948)  |               |               | -             | -             |
| FT015X-8  | 2        | .970 (24.6)            | 6500 (2950)                                                    | 8000 (3628)  | 9500 (4310)   | 10800 (4900)  | 15500 (7030)  | 20900 (9480)  | 24000 (10885) |               | -             | -             | -             |
| FT015C-10 | 2-1/2    | 1.875 (47.6)           | 17000 (7710)                                                   | 20000 (9070) | 27000 (12250) | 36000 (16330) | 46000 (20865) | 55000 (24950) | 60000 (27210) |               | -             | -             | -             |
| FT030C-6  | 1-1/2    | .390 (10)              | 1000 (450)                                                     | 1300 (590)   | 1700 (770)    | 2300 (1040)   | 3400 (1540)   | 4600 (2085)   | 5500 (2495)   | 6000 (2720)   | 6600 (2995)   | 7000 (3178)   | -             |
| FT030C-8  | 2        | .563 (14)              | 1700 (771)                                                     | 2500 (1134)  | 3100 (1406)   | 4100 (1859)   | 5800 (2630)   | 7650 (3470)   | 9000 (4082)   | 10200 (4626)  | 11100 (5034)  | 1200 (5443)   | -             |
| FT030X-8  | 2        | .876 (22)              | 3400 (1543)                                                    | 4600 (2088)  | 6400 (2905)   | 8400 (3813)   | 12500 (5675)  | 16900 (7672)  | 19000 (8626)  | 21500 (9761)  | 23590 (10669) | 24000 (10896) | -             |
| FT030C-10 | 2-1/2    | 1.625 (41)             | 14000 (6356)                                                   | 17000 (7718) | 20900 (9488)  | 25500 (11577) | 33200 (15072) | 40500 (18387) | 45500 (20657) | 49400 (22427) | 52700 (23925) | 55600 (25242) | -             |
| FT075C-5  | 1-1/4    | .312 (18)              | 600 (272)                                                      | 800 (363)    | 1040 (470)    | 1410 (640)    | 2200 (1000)   | 3100 (1405)   | 3800 (1725)   | 4100 (1860)   | 4500 (2040)   | 4700 (2130)   | 5000 (2270)   |
| FT075C-6  | 1-1/2    | .312 (18)              | 600 (272)                                                      | 800 (363)    | 1040 (470)    | 1410 (640)    | 2200 (1000)   | 3100 (1405)   | 3800 (1725)   | 4100 (1860)   | 4500 (2040)   | 4700 (2130)   | 5000 (2270)   |
| FT075C-8  | 2        | .390 (10)              | 1000 (453)                                                     | 1350 (612)   | 1700 (771)    | 2150 (975)    | 2950 (1338)   | 3600 (1632)   | 4300 (1950)   | 4850 (2199)   | 5400 (2449)   | 5800 (2630)   | 6600 (2993)   |
| FT075X-8  | 2        | .585 (15)              | 2550 (1156)                                                    | 3150 (1428)  | 4300 (1930)   | 5450 (2472)   | 7600 (3447)   | 10400 (4717)  | 11400 (5171)  | 12500 (5670)  | 13500 (5123)  | 14250 (6463)  | 15600 (7076)  |
| FT075C-10 | 2-1/2    | 1.031 (26)             | 5900 (2676)                                                    | 7700 (3492)  | 10000 (4536)  | 13000 (5896)  | 18600 (8436)  | 24200 (10977) | 28300 (12836) | 31600 (4333)  | 34400 (15603) | 36800 (16692) | 41100 (18642) |
| FT125C-5  | 1-1/4    | .246 (6.2)             | 430 (195)                                                      | 540 (245)    | 700 (320)     | 940 (425)     | 1400 (635)    | 1800 (820)    | 2200 (1000)   | 2350 (1065)   | 2600 (1180)   | 2800 (1270)   | 3150 (1430)   |
| FT125C-6  | 1-1/2    | .246 (6.2)             | 430 (195)                                                      | 540 (245)    | 700 (320)     | 940 (425)     | 1400 (635)    | 1800 (820)    | 2200 (1000)   | 2350 (1065)   | 2600 (1180)   | 2800 (1270)   | 3150 (1430)   |
| FT125C-8  | 2        | .294 (7)               | 730 (331)                                                      | 900 (408)    | 1180 (535)    | 1450 (657)    | 2000 (907)    | 2600 (1179)   | 3100 (1406)   | 3550 (1610)   | 3900 (1769)   | 4250 (1927)   | 4850 (2199)   |
| FT125X-8  | 2        | .448 (11)              | 2300 (1043)                                                    | 2800 (1270)  | 3450 (1564)   | 4200 (1905)   | 5450 (2472)   | 6600 (2993)   | 7450 (3379)   | 8050 (3651)   | 8600 (3900)   | 8950 (4059)   | 10350 (4694)  |
| FT125C-10 | 2-1/2    | .797 (20)              | 4000 (1814)                                                    | 5300 (2404)  | 6900 (3129)   | 9100 (4127)   | 13000 (5896)  | 17100 (7756)  | 20000 (9072)  | 22400 (10160) | 24500 (11113) | 26300 (11929) | 29400 (13335) |
| FT175C-5  | 1-1/4    | .210 (5.3)             | 260 (120)                                                      | 350 (160)    | 480 (220)     | 640 (290)     | 940 (425)     | 1190 (540)    | 1450 (660)    | 1560 (710)    | 1670 (760)    | 1750 (790)    | 1910 (865)    |
| FT175C-6  | 1-1/2    | .210 (5.3)             | 260 (120)                                                      | 350 (160)    | 480 (220)     | 640 (290)     | 940 (425)     | 1190 (540)    | 1450 (660)    | 1560 (710)    | 1670 (760)    | 1750 (790)    | 1910 (865)    |
| FT175C-8  | 2        | .244 (6)               | 520 (235)                                                      | 660 (299)    | 820 (371)     | 1050 (476)    | 1450 (657)    | 1850 (836)    | 2250 (1020)   | 2600 (1179)   | 2900 (1315)   | 3100 (1406)   | 3600 (1632)   |
| FT175X-8  | 2        | .375 (10)              | 2100 (953)                                                     | 2600 (1180)  | 3000 (1362)   | 3500 (1589)   | 4400 (1997)   | 4900 (2224)   | 5350 (2428)   | 5800 (2633)   | 6250 (2837)   | 6700 (3041)   | 7600 (3450)   |
| FT175C-10 | 2-1/2    | .688 (17)              | 2460 (1116)                                                    | 3350 (1520)  | 4600 (2088)   | 6200 (2814)   | 9400 (4267)   | 12800 (5811)  | 15400 (6991)  | 17500 (7945)  | 19300 (8762)  | 21000 (9534)  | 23800 (10805) |

Capacities (gross ratings) continued

| Model     | NPT size | Orifice size<br>in. (mm.) | Pressure differential in pounds per square inch (bar)          |                  |                  |                  |                  |                  |                  |
|-----------|----------|---------------------------|----------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|           |          |                           | 50<br>(3.5)                                                    | 60<br>(4.2)      | 75<br>(5.2)      | 100<br>(6.9)     | 125<br>(8.6)     | 150<br>(10.4)    | 175<br>(12.1)    |
|           |          |                           | Capacity in pounds of condensate per hour (kilograms per hour) |                  |                  |                  |                  |                  |                  |
| FT075C-5  | 1-1/4    | .312<br>(18)              | 5300<br>(2400)                                                 | 5500<br>(2500)   | 5900<br>(2675)   | -                | -                | -                | -                |
| FT075C-6  | 1-1/2    | .312<br>(18)              | 5300<br>(2400)                                                 | 5500<br>(2500)   | 5900<br>(2675)   | -                | -                | -                | -                |
| FT075C-8  | 2        | .390<br>(10)              | 7200<br>(3265)                                                 | 7850<br>(3560)   | 8500<br>(3855)   | -                | -                | -                | -                |
| FT075X-8  | 2        | .585<br>(15)              | 17150<br>(7779)                                                | 18600<br>(8436)  | 20500<br>(9298)  | -                | -                | -                | -                |
| FT075C-10 | 2-1/2    | 1.031<br>(26)             | 44800<br>(20321)                                               | 48040<br>(21790) | 52300<br>(23723) | -                | -                | -                | -                |
| FT125C-5  | 1-1/4    | .246<br>(6.2)             | 3400<br>(1540)                                                 | 3500<br>(1590)   | 3850<br>(1750)   | 4400<br>(2000)   | 4800<br>(2180)   | -                | -                |
| FT125C-6  | 1-1/2    | .246<br>(6.2)             | 3400<br>(1540)                                                 | 3500<br>(1590)   | 3850<br>(1750)   | 4400<br>(2000)   | 4800<br>(2180)   | -                | -                |
| FT125C-8  | 2        | .294<br>(7)               | 5350<br>(2426)                                                 | 5850<br>(2653)   | 6450<br>(2925)   | 7350<br>(3333)   | 8150<br>(3696)   | -                | -                |
| FT125X-8  | 2        | .448<br>(11)              | 11950<br>(5420)                                                | 13400<br>(6078)  | 15600<br>(7076)  | 18850<br>(8550)  | 21800<br>(9888)  | -                | -                |
| FT125C-10 | 2-1/2    | .797<br>(20)              | 32100<br>(14560)                                               | 34650<br>(15717) | 37600<br>(17055) | 42100<br>(19096) | 46000<br>(20865) | -                | -                |
| FT175C-5  | 1-1/4    | .210<br>(5.3)             | 2040<br>(925)                                                  | 2100<br>(950)    | 2300<br>(1040)   | 2500<br>(1135)   | 2900<br>(1315)   | 3140<br>(1425)   | 3240<br>(1470)   |
| FT175C-6  | 1-1/2    | .210<br>(5.3)             | 2040<br>(925)                                                  | 2100<br>(950)    | 2300<br>(1040)   | 2500<br>(1135)   | 2900<br>(1315)   | 3140<br>(1425)   | 3240<br>(1470)   |
| FT175C-8  | 2        | .244<br>(6)               | 4050<br>(1837)                                                 | 4400<br>(1995)   | 4800<br>(2177)   | 5600<br>(2540)   | 6250<br>(2835)   | 6800<br>(3084)   | 7500<br>(3402)   |
| FT175X-8  | 2        | .375<br>(10)              | 8600<br>(3904)                                                 | 9550<br>(4335)   | 11000<br>(4994)  | 13000<br>(5902)  | 14750<br>(6696)  | 16500<br>(7491)  | 18000<br>(8172)  |
| FT175C-10 | 2-1/2    | .688<br>(17)              | 26300<br>(11940)                                               | 28060<br>(12739) | 31600<br>(14346) | 35900<br>(16298) | 39700<br>(18023) | 43100<br>(19567) | 46200<br>(20974) |