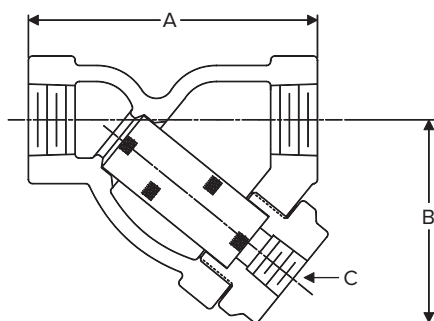
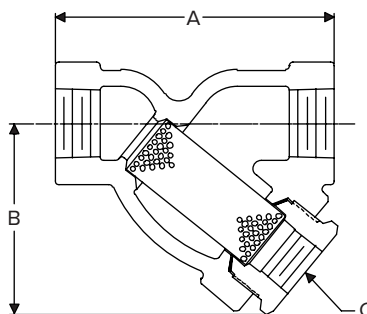
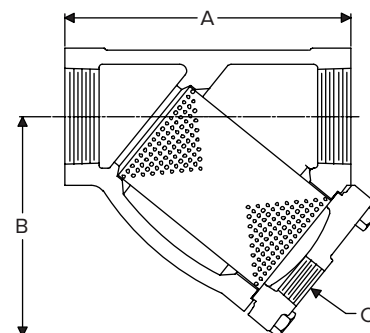




CA1SC 1/2", 3/4", 1", 1-1/2", 2"



CA1SC 1-1/4"

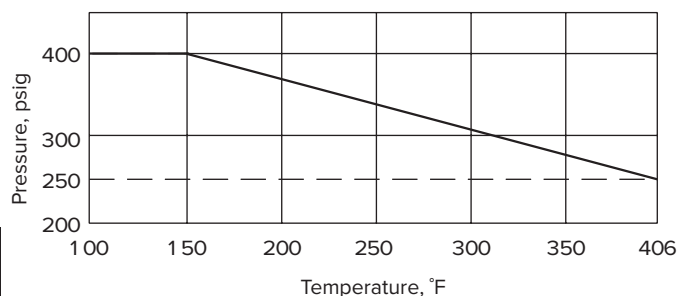


A1SC 2-1/2", 3"

For a fully detailed certified drawing, refer to:  
CA1SC 1/2", 3/4", 1", 1-1/4", 1-1/2", 2"  
A1SC 2-1/2", 3"

CD #1111  
CD #1043

Pressure/Temperature Rating



Materials: 250 lb Screwed 1/2" - 3" (15 - 80 mm)

| Connections Size |            | Body                        | Standard Screen                      | Screen Retainer             | Gasket       | Bolting                     |
|------------------|------------|-----------------------------|--------------------------------------|-----------------------------|--------------|-----------------------------|
| in               | mm         |                             |                                      |                             |              |                             |
| 1/2, 3/4         | 15, 20     | ASTM A48 Class 30 Cast Iron | 304 SS .045" perforated <sup>†</sup> | ASTM A48 Class 30 Cast Iron | Spiral Wound | N/A                         |
| 1, 1-1/2, 2      | 25, 40, 50 |                             |                                      |                             | Soft Steel   |                             |
| 1-1/4            | 32         |                             |                                      |                             | Non-asbestos |                             |
| 2-1/2, 3         | 65, 80     |                             | 304 SS .045" perforated <sup>†</sup> |                             | Non-asbestos | Cap Screws ASTM A193 Gr. B7 |

<sup>†</sup>NOTE: Other screen materials available. See page 435.

Physical Data: 250 lb Screwed 1/2" - 3" (15 - 80 mm)

| Size  |    | Ordering<br>Code,<br>Standard<br>Screen | Weight |     | Dimensions |     |        |     |       |     | Maximum Pressure   |      |                           |      | Screen<br>Retainer<br>Type | Connections             |
|-------|----|-----------------------------------------|--------|-----|------------|-----|--------|-----|-------|-----|--------------------|------|---------------------------|------|----------------------------|-------------------------|
|       |    |                                         |        |     | A          |     | B      |     | C     |     | Saturated<br>Steam |      | 150°F (66°C)<br>non-shock |      |                            |                         |
| in    | mm |                                         | lb     | kg  | in         | mm  | in     | mm  | in    | mm  | psig               | barg | psig                      | barg |                            |                         |
| 1/2   | 15 | CA1SC                                   | 3      | 1.4 | 4-1/4      | 108 | 3      | 76  | 3/8   | 9.5 | 250                | 17   | 400                       | 28   | Threaded                   | ANSI B1.20.1<br>Screwed |
| 3/4   | 20 |                                         |        |     |            |     |        |     |       |     |                    |      |                           |      |                            |                         |
| 1     | 25 |                                         | 4-1/2  | 2   | 5          | 127 | 3-3/4  | 95  | 1/2   | 15  |                    |      |                           |      |                            |                         |
| 1-1/4 | 32 |                                         | 7      | 3   | 5-1/2      | 140 | 3-7/8  | 98  |       |     |                    |      |                           |      |                            |                         |
| 1-1/2 | 40 |                                         | 10     | 4.5 | 6-5/16     | 160 | 4-7/16 | 113 |       |     |                    |      |                           |      |                            |                         |
| 2     | 50 |                                         | 15     | 6.8 | 7-1/2      | 191 | 5-7/16 | 138 |       |     |                    |      |                           |      |                            |                         |
| 2-1/2 | 65 | A1SC                                    | 24-1/2 | 11  | 8-1/2      | 216 | 6-7/16 | 164 | 3/4   | 20  | Bolted             |      |                           |      |                            |                         |
| 3     | 80 |                                         | 45-1/2 | 21  | 10-1/2     | 267 | 8      | 203 | 1-1/4 | 32  |                    |      |                           |      |                            |                         |

Designs, materials, weights and performance ratings are approximate and subject to change without notice. Visit [armstronginternational.com](http://armstronginternational.com) for up-to-date information.