

# Backflow Preventers

Used on boiler feed lines to prevent boiler water from returning to the potable water system. Boiler water can contain chemicals and bacteria that could contaminate the potable water system.

## Series 9D

### Backflow Preventer with Intermediate Atmospheric Vent

Sizes: 1/2" and 3/4" (15 and 20mm)

Typically installed on boiler feed lines to prevent backflow caused by backsiphonage or backpressure. For systems without antifreeze, rust inhibitors or other chemicals. Brass body with stainless steel working parts, integral strainer and durable rubber discs.

**Maximum Temperature:** 180°F (82°C) sustained, 250°F (121°C) intermittent

**Maximum Pressure:** 175psi (12.06 bars)

**9D** – sizes 1/2" (15mm), 3/4" (20mm) NPT female union inlet and outlet connections.

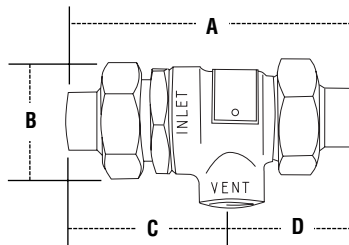
**9DS** – sizes 1/2" (15mm), 3/4" (20mm) with union end solder connections.

**9D-SC** – with satin chrome finish.

**9DS-SC** – with satin chrome finish.



9D



| MODEL   | SIZE (DN) |    | DIMENSIONS                      |     |                                 |    |                                 |    |                                 |    | WEIGHT |     |
|---------|-----------|----|---------------------------------|-----|---------------------------------|----|---------------------------------|----|---------------------------------|----|--------|-----|
|         | in.       | mm | A                               |     | B                               |    | C                               |    | D                               |    | lbs.   | kg. |
| 9D-M3   | 1/2       | 15 | 4 <sup>15</sup> / <sub>16</sub> | 110 | 2 <sup>17</sup> / <sub>32</sub> | 64 | 2 <sup>9</sup> / <sub>16</sub>  | 65 | 1 <sup>29</sup> / <sub>32</sub> | 48 | 1 1/2  | .7  |
| 9DS-M3  | 1/2       | 15 | 4 <sup>3</sup> / <sub>8</sub>   | 111 | 2 <sup>17</sup> / <sub>32</sub> | 64 | 2 <sup>17</sup> / <sub>32</sub> | 64 | 1 <sup>27</sup> / <sub>32</sub> | 50 | 1 1/2  | .7  |
| 9D-M2   | 3/4       | 20 | 4 <sup>15</sup> / <sub>16</sub> | 110 | 2 <sup>15</sup> / <sub>32</sub> | 63 | 2 <sup>9</sup> / <sub>16</sub>  | 65 | 1 <sup>29</sup> / <sub>32</sub> | 48 | 1 3/4  | .8  |
| 9D-S M2 | 3/4       | 20 | 4 <sup>13</sup> / <sub>16</sub> | 122 | 2 <sup>15</sup> / <sub>32</sub> | 63 | 2 <sup>3</sup> / <sub>4</sub>   | 70 | 2 <sup>1</sup> / <sub>16</sub>  | 52 | 1 3/4  | .8  |

## Approvals



Tested and certified under ASSE Standard 1012 and CSA Standard B64.3.

For additional information, request literature ES-9DM3/M2.