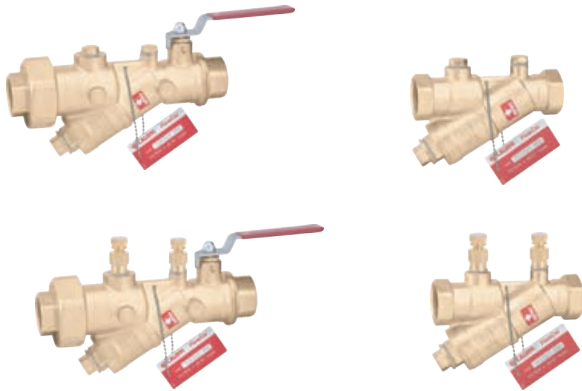


# FlowCal™ Y-Strainer

series 120 - 125 series



## Function

The FlowCal Y-strainers include a combination Y-strainer with integral ball valve (120 series) or a standard configuration Y-strainer without ball valve (125 series). Inspection, cleaning, and replacing the strainer cartridge can be done easily without removing the body from the pipeline. All configurations are available with optional factory-installed pressure and temperature test ports. Drain valves are also available as an accessory for installing in the blowdown port connection.

## Product range

120 series FlowCal Y-strainer with integral ball valve, with and without pressure and temperature test ports ..... sizes 1/2", 3/4", 1", 1-1/4" NPT or Sweat

125 series FlowCal Y-strainer in standard configuration, with and without pressure and temperature test ports ..... sizes 1/2", 3/4", 1", 1-1/4" NPT only

## Technical specifications

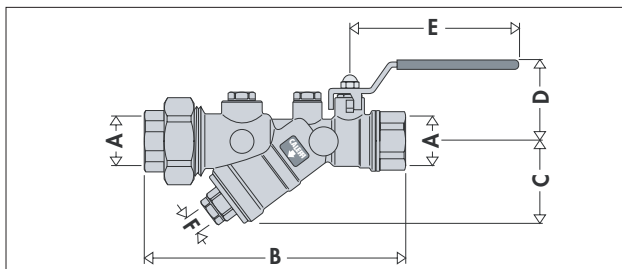
### Materials

Body: brass  
Strainer cartridge: stainless steel  
Seals: EPDM  
Ball: brass, chrome-plated  
Ball and control stem seal: PTFE  
Lever: special zinc-plated steel  
Identification: metal plate with ball chain stating mesh size

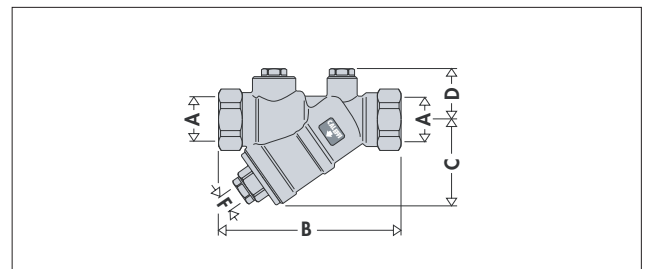
### Performance

Medium: water, glycol solutions  
Max. percentage of glycol: 50%  
Max. working pressure: 400 psi (400 WOG)  
Working temperature range: 32-212°F (0-100°C)  
Strainer mesh diameter: 0.87 mm (20 mesh)  
Connections: 1/2", 3/4", 1", 1-1/4" NPT or Sweat (120 only)  
Cv: 1/2": 8.0; 3/4": 8.4; 1": 19.3; 1-1/4": 20.0

### Dimensions



Code	A	B	C	D	E	F	Weight (lb)
12014 ...	1/2"	6 3/16"	1 15/16"	1 15/16"	3 15/16"	1/4"	3.00
12015 ...	3/4"	6 1/4"	1 15/16"	1 15/16"	3 15/16"	1/4"	3.00
12016 ...	1"	8 5/8"	3 3/4"	2 5/8"	4 3/4"	1/2"	6.00
12017 ...	1 1/4"	8 11/16"	3 3/4"	2 5/8"	4 3/4"	1/2"	6.00



Code	A	B	C	F	Weight (lb)
12514 ...	1/2"	4"	1 15/16"	1/4"	1.40
12515 ...	3/4"	4 3/16"	1 15/16"	1/4"	1.40
12516 ...	1"	5 13/16"	3 3/4"	1/2"	2.60
12517 ...	1 1/4"	5 13/16"	3 3/4"	1/2"	3.00