Data Sheet

Brass Form A.B.E.E.

Heating & Plumbing Valves Production
Mandra Attica, 19600
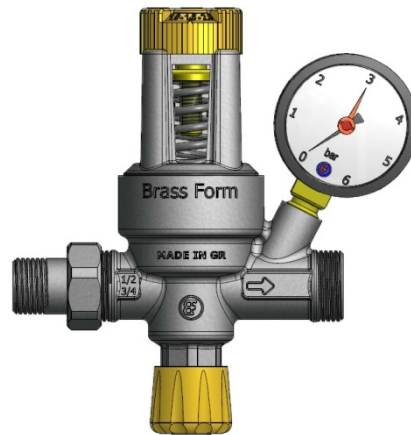Athens, Greece

TECHNICAL CHARACTERISTICS

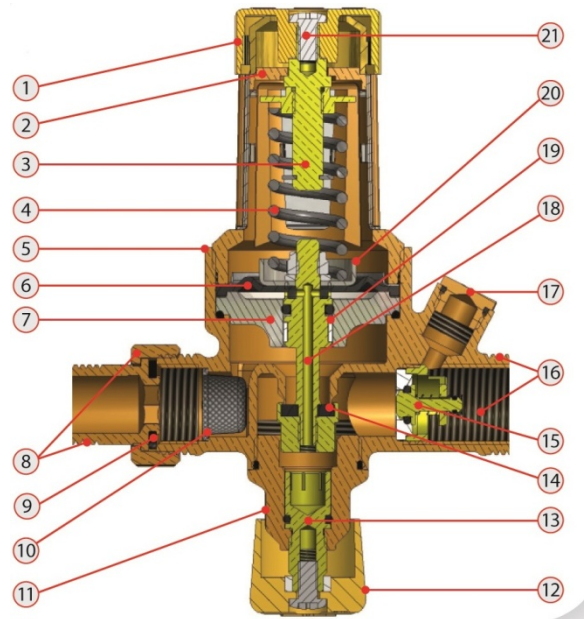|			
Product Type:	**Automatic Fill Unit**	*Product Series:*	**Status**
Product ID:	**714**	*Available Dimensions:*	**1/2"**

ID. 714

SPECIAL FEATURES

- Pre-adjustable pressure indication from 0 to 5.5 bars
- Maximum inlet pressure 16 bars
- Quality control (1 by 1)
- Operating tolerance ± 0.15 bar
- Anti-corrosion ring – deposit resistant
- Maximum filling flow
- Terminal connection threads option 1/2 or 3/4
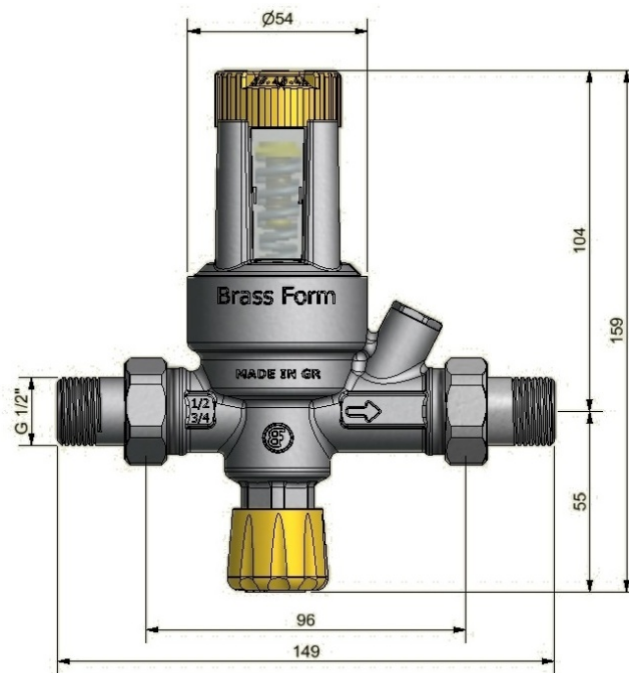
TECHNICAL STANDARDS

- Raw Material Specification: Hot Forged brass according to EN 12165 (CW 617N) and brass rod according to EN 12164 (CW 614N)
- Coating: Nickel (Ni) and Chromium (Cr) Plated
- Threads: according to ISO228
- Maximum Operation Pressure: PN 16 bars
- Maximum Operation Temperature: from 5 ^{o}C up to 80 ^{o}C
- Suitable for plumbing and heating systems

TECHNICAL FEATURES

1	Pressure Indicator Handle	Acetal (POM), polymer material
2	Adjustment Mechanism Cap	Hot Forged Brass CW617N
3	Adjustment Mechanism	Brass made (CW614N)
4	Compensating Spring	Galvanized steel
5	Automatic Fill Unit	Hot Forged Brass CW617N
6	Operation Diaphragm	NBR sh70 double layer mesh
7	Operation Diaphragm Seat	Acetal (POM), polymer material
8	Terminals 1/2 and 3/4	Hot Forged Brass CW617N
9	Gasket	NBR sh70
10	Filter	Stainless Steel, Mesh of 0.4mm
11	Valve Fitting	Hot Forged Brass CW617N
12	Open/Close Valve Handle	Acetal (POM), polymer material with strengthened insert
13	Spindle	Brass made (CW614N)
14	Gasket	NBR sh70
15	Back Flow Prevent Valve	Brass made (CW614N)
16	Connection Terminal Threads	Male 3/4 & Female 1/2
17	Threaded 1/4 Cap in Position of Pressure Gauge	Brass made (CW614N)
18	Main Operation Mechanism	Brass made (CW614N)
19	Anti-corrosive Ring	PTFE
20	Spring Seat	Stainless Steel
21	Screw DIN 7985	Brass made CW614N, M5x10, Chrome plated

MAIN DIMENSIONS

Ø54

G 1/2"

104

159

55

96

149

1/2
3/4

Brass Form

MADE IN GR

On behalf of
Technical Department

(Signature available upon request)