

cimberio • Made in Europe

- 2 Production Plants
- 5 Distribution Centres
- 215 Workers
- 32, 000 M² of House Facilities
- 1, 00, 000 Items a Day
- 22, 000, 000 Items a Year
- 1 Brand -

- M/s. CAV.UFF.GIACOMO CIMBERIO S.P.A. ITALY-is an EN 29000/ISO 9000 Certified Company.
- The "CIM" Ball Valves are approved by various international authorities, such as the American, Australian, British, Calor, Canadian & the Swiss Gas Associations, the German Gas Institute and Underwriters Laboratories Inc. (UL Listed), etc.
- The Valves for Gas Application are BG Technology certified and also Approved to the latest EN 331:1998 Standard.
- The Cimberio, State-of-the-Art, Fully Automated Plant have a production capacity of 1,00,000 finished valves daily.

OUR HISTORY IS A GUARANTEE OF OUR COMMITMENT - A GUARANTEE THAT HAS NO LIMIT IN TIME.



CIM RED 5
Ball Valve


"CIM RED 5" ball valve, an **EN 29000-ISO 9000 product**. Can be used for domestic & industrial plumbing, heating & pneumatic systems, oil & petrol services etc.

BODY : Forged brass. **BALL** : Forged brass **Hard Chrome Plated** mirror smooth finish. **SEAT** : Pure P.T.F.E. **Conical Arc Cut**. **STEM SEALS**: Double "O" Rings of H-NBR (Hydro Generated Nitrile Rubber). **NUT** : **Nyloc** self-locking. **ENDS** : BSP female.

Pressure Rating : Fluids 40 Kg.
Temperature Rating : Fluids -20°C to +140°C.
Size : 1/2" to 2".

CIM RED 5/1
Butterfly Handle

"CIM RED 5/1" ball valve, an **EN 29000-ISO 9000 product**. An excellent valve for **Compact Applications** (where there is space crunch).

Rest of the techno commercial detail is same as that of "CIM RED 5".



Size : 1/2", 3/4" & 1".

CIM 14M
Ball Valve


"CIM 14M" ball valve, an **EN 29000-ISO 9000 product**. Can be used for domestic & industrial plumbing, heating & pneumatic systems, oil & petrol services etc.

BODY : Forged brass. **BALL** : Forged brass **Hard Chrome Plated** mirror smooth finish. **SEAT** : Pure P.T.F.E. **Conical Arc Cut**. **STEM SEALS** : Pure P.T.F.E. **NUT** : **Nyloc** self-locking. **ENDS** : BSP female.

Pressure Rating : 58 Kg.
Temperature Rating : -20°C to +150°C.
Size : 2 1/2", 3" & 4"

CIM 11G
Multi-Purpose Gas Ball Valve
(Certified By BG Technology)


"**CIM 11G**" ball valve, an **EN 29000-ISO 9000** product approved in accordance to **European Standards for Gas Appliances (90/396/EEC) & EN 331 : 1998.**

Valve is certified by "**The BG Technology**". "**Calor & American Gas Associations** etc."

Ideally suitable for distribution of **LPG, Natural & Town Gases** at low pressure, **Water, Saturated Steam, Compressed Air, Vacuum** etc. Can be used for domestic & industrial plumbing, heating & pneumatic systems, oil & petrol services etc.

"**Sealing Dimensions & Ball Diameter** allows a **Blind Operating Angle of $\geq 10^\circ$** "

BODY : Forged brass. **BALL** : Forged brass **Hard Chrome Plated** mirror smooth finish.
SEAT : Pure **P.T.F.E. Conical Arc Cut**. **STEM SEALS** : Double "**O**" Rings of **Viton Rubber (Silicon Free)**. **NUT** : **Nyloc self-locking**. **ENDS** : **BSP female**

Pressure Rating	: Fluids 32 Kg. Saturated steam 9 kg. Compressed air 20 Kg. Gas (Families 1, 2 & 3) 20 Kg.
Temperature Rating	: Fluids - 20° C to + 150° C Gas - 20° C to + 60° C.
Size	: 1/4" to 2".


CIM 620
Ball Valve With Inbuilt Strainer


"**CIM 620**" ball valve with **In-built S.S. 316 Strainer** can be used for domestic & industrial plumbing, heating & pneumatic systems, oil & petrol services etc.

Excellent product for the use in FCU's & in Applications where a Strainer is required in the Same Line as the valve, it is Lockable & / or Seal-able in open & closed positions to prevent tampering.

BODY : Forged brass. **BALL** : Forged brass **Hard Chrome Plated** mirror smooth finish.

SEAT : Pure **P.T.E.F. Conical Arc Cut**. **STEM SEALS** : Pure **P.T.F.E.** **STRAINER** : **SS 316.**

Handle : Duraluminium alloy.

NUT : **Nyloc self-locking**. **ENDS** : **BSP female**

Pressure Rating	: 50 Kg.
Temperature Rating	: -20° C to +150° C.
Size	: 1/2", 3/4" & 1".

CIM 170
Gas Ball Valve
With Inbuilt Hose Nipple


"CIM 170" ball valve, an **EN 29000-ISO 9000** product approved in accordance to **European Standards for Gas Appliances (90/396/EEC) & EN 331:1998**, certified by "The BG Technology".

Ideally **suitable** for distribution of **LPG, Natural & Town Gases**

at low pressure. Can be used for domestic & industrial plumbing, heating & pneumatic systems, oil & petrol services etc.

Provides full grip of P.T.F.E. Seal Tape & does not allow it to slip due to knurled BSP male threads.

BODY : Forged brass, **BALL** : Forged brass **Hard Chrome Plated** mirror smooth finish.
SEAT : Pure P.T.F.E. Conical Arc Cut. **STEM SEALS** : **Double "O" Rings of Perbunan NBR-DIN 3635/1.** **NUT** : Nyloc self-locking. **ENDS** : BSP knurled male.

Pressure Rating	: Fluids 32 Kg. Saturated steam 9 kg. Gas (Families 1, 2 & 3) 20 Kg.
Temperature Rating	: Fluids - 20° C to + 150° C Gas - 20° C to + 60° C.
Size	: 1/2" x 8mm hose union.

CIM 011
Mini Ball Valve


"CIM 011" mini ball valve can be used for domestic & industrial plumbing, heating & pneumatic systems, oil & petrol services etc.

Excellent product for Compact Applications like Pressure Gauges, Instrumentation Lines, Control Panels & Copper Piping etc.

BODY : Forged brass. **BALL** : Forged brass **Hard Chrome Plated** mirror smooth finish. **SEAT** : **Pure P.T.F.E. Conical Arc Cut.** **STEM SEALS** : **Double "O" Rings.** **Handle** : Nylon.
ENDS : BSP female

Pressure Rating	: 40 Kg.
Temperature Rating	: -15° C to +100° C.
Size	: 1/4", 3/8" & 1/2".

CIM 30

Spring Loaded, Uni-Directional
Non Return Valve

"CIM 30" check valve (NRV) can be used for domestic & industrial plumbing, heating & pneumatic systems, oil & petrol services etc., Handling water, air, vacuum etc.

Suitable for Vertical / Horizontal or Oblique Pipelines, allows Flow in one direction only .

Main Features : Spring loaded inner valve opens & lifts under pressure of 25 mbar (0.36 psi), very low pressure drop, prevents water hammer, compact design, noiseless operation, dent- proof Hostaform soft seating. Full flow area is equal to nominal size.

BODY : Forged brass. **SPRING** : Conical tempered spring in S.S. 316, **INNER VALVE** : Hostaform, **VALVE FACE** : NBR rubber, **ENDS** : BSP female x female end.

Test Pressure	: Shell 30Kg. Seat 22Kg.
Pressure Rating	: Fluids 20Kg. Saturated steam 7 Kg.
Temperature Rating	: Fluids -10°C to +95°C. Saturated steam + 170°C.
Size	: 1/2" to 2"

CIM 32

Spring Loaded, Uni-Directional
Non Return Valve

"CIM 32" check valve (NRV), can be used for domestic & industrial plumbing, heating & pneumatic systems, oil & petrol services etc., handling water, air, vacuum etc.

Suitable for Vertical / Horizontal or Oblique Pipelines , allows Flow in one direction only.

Main Features : Spring loaded inner valve opens & lifts under pressure of 10 mbar (0.14 psi), very low pressure drop, prevents water hammer, compact design, noiseless operation,

dent-proof POM (Polyoximethylene) soft seating. Full flow area is equal to nominal size.

Compact male x female design, Requires very Little Space.

BODY : Forged brass. **SPRING** : Conical Tempered spring in S.S. 316, **INNER VALVE** : POM (Polyoximethylene), **VALVE FACE** : NBR rubber. **ENDS** : Screwed BSP female x male end.

Test Pressure	: Shell 25 Kg. Seat 18 Kg.
Pressure Rating	: Fluids 16 Kg.
Temperature Rating	: Fluids -10°C to +95°C
Size	: 1/2", 3/4" & 1"

CIM 246
Ball Valve
With Flexible Connection


"CIM 246" ball valve, an EN 29000- ISO 9000 product. Can be used for domestic & industrial plumbing, heating & pneumatic systems, saturated steam, high temperature hot water services, oil & petrol services etc. **Generally suits every non-aggressive fluid.**

Size : 1/2"

CIM 17G
Gas Ball Valve


"CIM 17G" ball valve an EN 29000- ISO 9000 product is approved to the latest Euro Norms for Gas Appliances (90/396/EEC) & EN 331 : 1998.

Valve is certified by "The Pascal Institute" (Pressure Equipment Directive) PED (97/23/CE) & Approved by "DIN DVGW G".

Rest of the techno commercial detail is same as that of "CIM 11G".

Size : 1/2", 3/4 & 1".

CIM 45
Right Angle Mini Ball Valve


"CIM 45" ball valve with male thread & knob handle, an EN 29000-ISO 9000 product. **Ideally suitable for applications where there is a constraint of space.** Can be used for domestic & industrial plumbing, heating & sanitary systems etc. **Generally suits every non-aggressive fluid.**

Size : 1/2"

CIM 70
Gate Valve PN-16


"CIM 70" gate valve is **manufactured in accordance to BS 5154/B-PN 16** & can be used for domestic & industrial plumbing, heating & pneumatic systems, saturated steam, oil, petrol & high temperature hot water services etc.

BODY WEDGE & BONNET : Forged brass, **STEM & METAL PARTS** : Extruded brass, **NUT** : Nyloc self-locking. **PACKING** : NA 1030 Gr (Asbestos Free). suitable to **max temp of 180° C**. **GLAND PACKING** : AF 15/MA heat resistant fibre (Asbestos Free), elastomer, synthetic resin & P.T.F.E., suitable to **max temp of 250° C**. **HANDWHEEL** : Registered CIM Model in hard duraluminium A1-S1 12 alloy showing "ON-OFF".

ENDS : BSP female.

Test Pressure	: Shell 25 kg (363 psi) Seat 18kg (261 psi).
Pressure Rating	: Fluids 16 Kg. Saturated Steam 7 kg.
Temperature Rating	: Fluids - 10° C to + 100° C Saturated steam + 170° C.
Size	: 1/2" to 2".

CIM 74A
Bronze Strainer


"CIM 74A" strainer is **manufactured in accordance to BS 5154/B-PN 20** & can be used for filtering, heating, sanitary, pneumatic systems, water works etc.

BODY : Cast Bronze (BS 1400-LG2), **BONNET** : Hot Forged Brass (EN 12165 CW617N), **STRAINER** : S.S. 316 Screen, **PACKING** : NA 1100 (Asbestos Free) Suitable to **max temp of 450° C** **ENDS** : BSP female.

PERFORATIONS : 18/8 with

(0.65mm dia for size 1/2" to 2 1/2") & (0.75-0.80mm dia for size 3" & 4").

Test Pressure	: Shell 30 kg (435 psi).
Pressure Rating	: Fluids 20 Kg. Saturated Steam 9 kg.
Temperature Rating	: Fluids - 10° C to + 100° C Saturated steam + 180° C.
Size	: 1/2" to 4".

CIM 23
Three Way Directional Ball Valve


"CIM 23" diverter 3-way valve ball valve, an EN 29000- ISO 9000 product. Can be used for domestic & industrial plumbing, heating & pneumatic systems, oil & petrol services etc.

Main Features : T-port 3 way ball valve can be used to operate any of the 2 ports or even all the 3 ports at the same time. Bottom port remains always open. You can have one inlet & two outlets or vice-versa viz., two inlets & one outlet, Lever direction

points the open port.

BODY : Forged brass. **BALL :** Forged brass **Hard Chrome Plated** mirror smooth finish. **SEAT :** Pure P.T.F.E. **Conical Arc Cut.** **STEM SEALS :** Pure P.T.F.E. **HANDLE :** Duraluminium alloy. **NUT :** Nyloc self-locking. **Ends :** BSP female.

Pressure Rating	: Fluids 20 Kg
Temperature Rating	: Fluids -10°C to +150°C
Size	: 1/2", 3/4" & 1".

IDENTIFICATION : Plate showing three-way direction

CIM 334
Ball Bib Cock With Detachable Hose Union


"CIM 334" ball bib cock is manufactured in accordance to EN 29000-ISO 9000 & can be used for domestic plumbing, industrial application, sampling services, dispensing units etc.

Ideally suits all **General Applications**, where detachable hose nipple is required to accommodate connection with external hoses.

Main Features : Exceptional wear resistance leak proof design. Reduces

pressure drop & offers little resistance to flow due to angle through design. Provides full grip of P.T.F.E. Seal Tape & does not allow it to slip due to knurled BSP male threads.

BODY : Forged brass. **BALL :** Forged brass **Hard Chrome Plated** mirror smooth finish, **SEAT :** Pure P.T.F.E. **Conical Arc Cut,** **STEM SEALS :** Pure P.T.F.E., **Handle :** Duraluminium alloy, **NUT :** Nyloc self-locking. **ENDS :** BSP knurled male.

Pressure Rating	: Fluids 40 Kg.
Temperature Rating	: Fluids -10°C to + 100°C
Size	: 1/2"