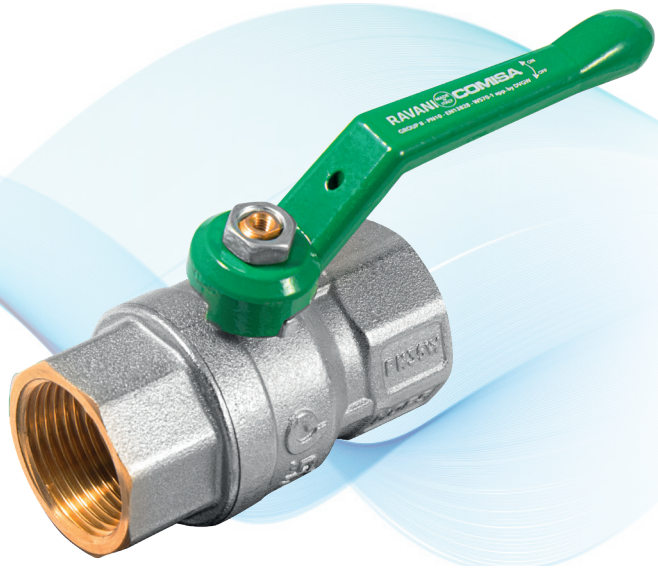
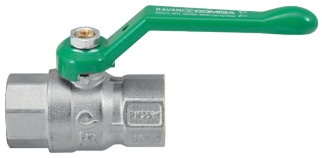
COMISA®
QUALITY COMES FIRST

Valvole a Sfera 137 e 137M



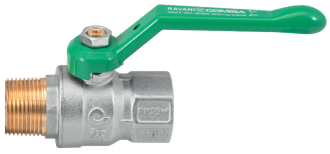
Adatta al passaggio di acqua potabile.

La nuova valvola Comisa, grazie alle sue caratteristiche performanti, rappresenta innovazione e sicurezza.



137 F/F
(maniglia a leva)

137 F/F
(maniglia a farfalla)



137M M/F
(maniglia a leva)

137M M/F
(maniglia a farfalla)

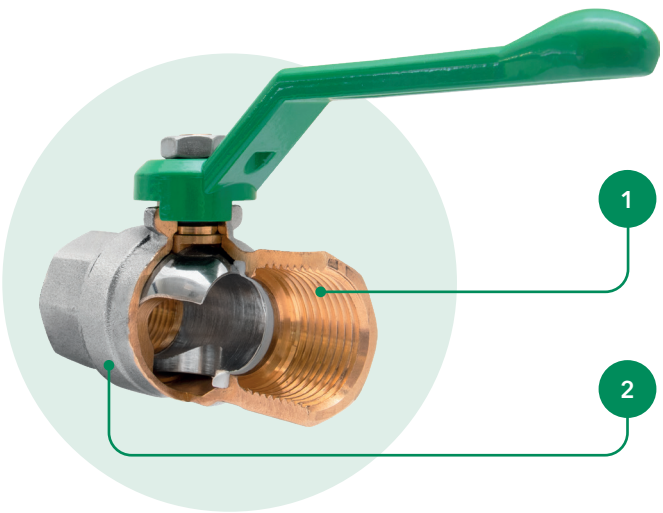
DVGW CERT
EN 13828 W570-1

Previene la Legionella

Antigelo

Per acqua potabile

Grazie alla nostra esperienza, abbiamo sviluppato una nuova concezione della valvola a sfera, studiata per garantire l'assenza di nichel, materiale dannoso alla salute.



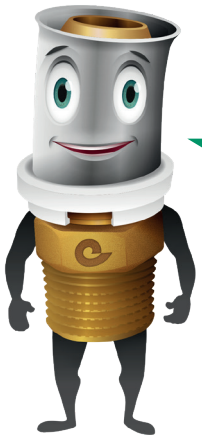
1. Valvola internamente non nichelata

Nichelando il pezzo prima della lavorazione meccanica, andiamo ad asportare ogni traccia di nichel sulle superfici potenzialmente a contatto con l'acqua potabile.

2. Valvola esternamente nichelata

Il trattamento di nichelatura rimane solo all'esterno della valvola, formando uno strato protettivo e donando un'apprezzabile estetica del prodotto.

COMISA®
QUALITY COMES FIRST

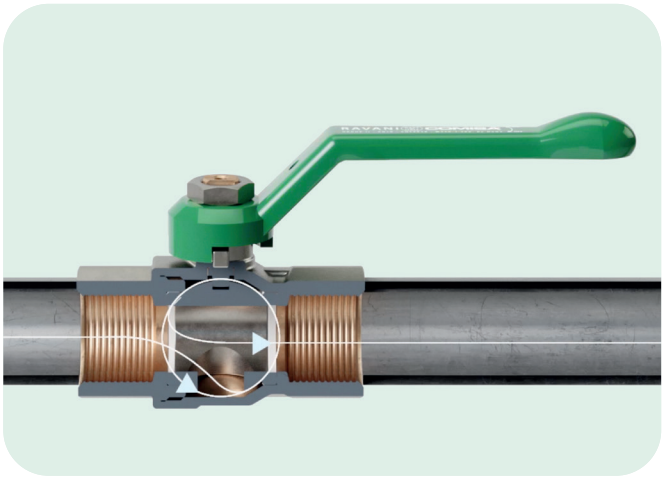


Che cos'è la legionella?

La Legionellosi è un'infezione polmonare causata dal batterio Legionella pneumophila e si trasmette all'uomo attraverso l'inalazione di particelle d'acqua contaminate. Attualmente le infezioni derivano prevalentemente dalla contaminazione dei sistemi di distribuzione dell'acqua come: doccia, condizionatori, ferro da stiro, impianti idrici etc.

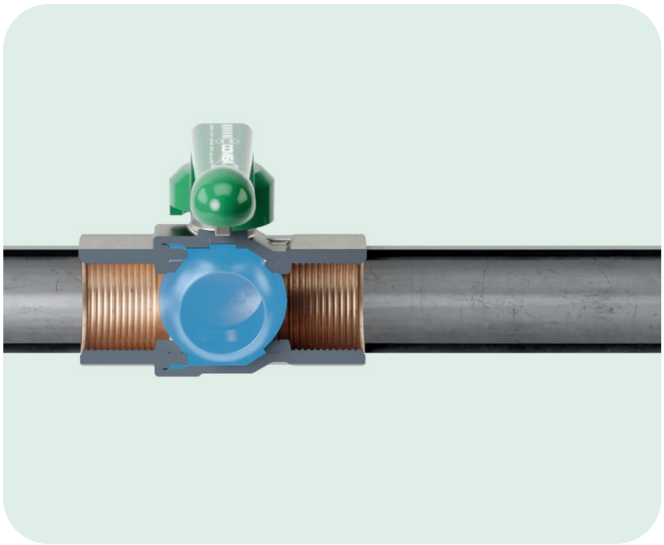
Come prevenirla?

La Legionella si può evitare tramite la scelta di prodotti idrotermosanitari idonei. Come la valvola 137 Comisa che ha la sfera forata e, contrariamente a quello che accade nei sistemi tradizionali, quando la valvola si trova in posizione totalmente aperta il continuo risciacquo evita ristagni d'acqua e quindi la proliferazione di batteri.



Risciacquo continuo

La sfera forata consente il continuo risciacquo della valvola, evitando così la proliferazione dei batteri.

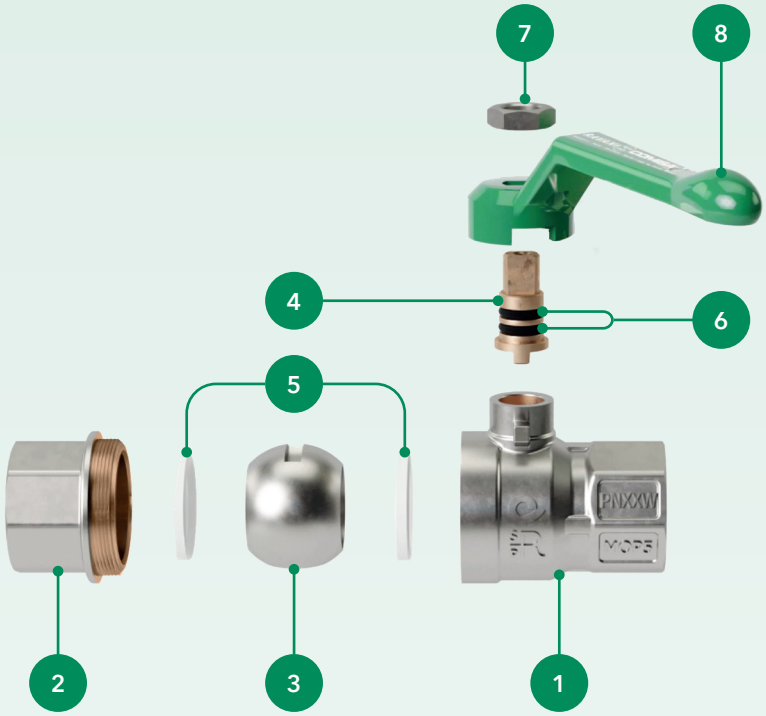


Meccanismo Antigelo

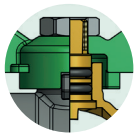
La valvola a sfera 137 Comisa presenta una sfera forata che mantiene sempre in comunicazione la camera del corpo con il passaggio valvola. Questo evita che l'eventuale formazione di gelo, generi forti pressioni sulle pareti interne provocandone la rottura, come succede in molti altri tipi di valvole.

Componenti e materiali

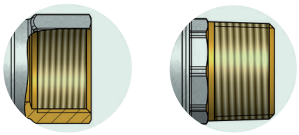
1. **Corpo**
   (Ottone CW617N UNI EN 12165)
2. **Manicotto**
   (Ottone CW617N UNI EN 12165)
3. **Sfera forata**
   (Ottone CW617N UNI EN 12165)
4. **Asta**
   (Ottone CW614N UNI EN 12164)
5. **Guarnizioni**
   (P.T.F.E.)
6. **O-ring**
   (EPDM)
7. **Dado**
   (Acciaio 8 UNI EN 20898/2)
8. **Maniglia**
   (Alluminio EN AB-46100 UNI EN 1676)



Caratteristiche

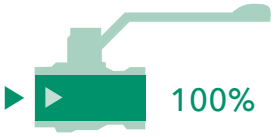


Asta antiscoppio



Filetti ISO 7/1

Sfera forata



Passaggio totale

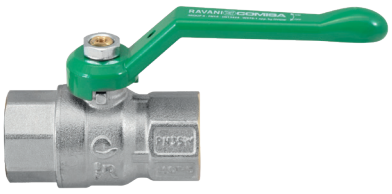
Certificazioni

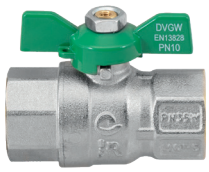
RoHS COMPLIANT

DVGW Conforme a: EN 13828 W570-1

Modelli disponibili

137 F/F

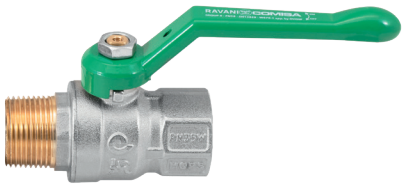




CODICE	MISURA	DN	PN*
VS0137005AVN	1/2″	15	45
VS0137007AVN	3/4″	20	35
VS0137010AVN	1″	25	35

CODICE	MISURA	DN	PN*
VS0137005PVN	1/2″	15	45
VS0137007PVN	3/4″	20	35
VS0137010PVN	1″	25	35

137M M/F



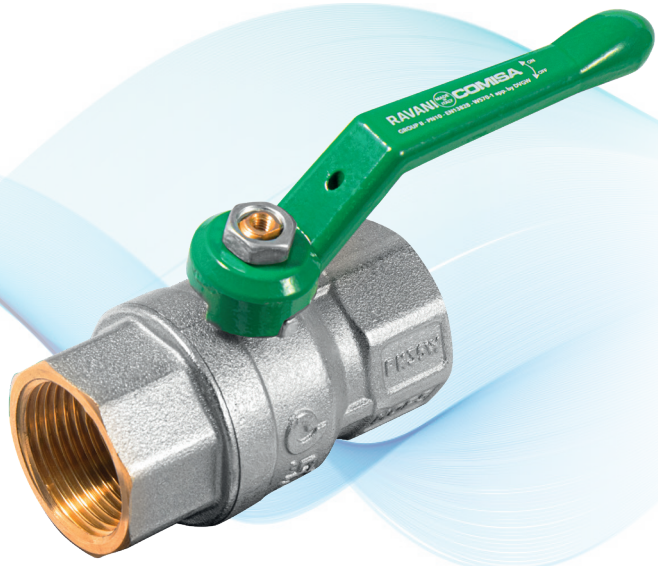
CODICE	MISURA	DN	PN*
VS0137M05AVN	1/2″	15	45
VS0137M07AVN	3/4″	20	35
VS0137M10AVN	1″	25	35

CODICE	MISURA	DN	PN*
VS0137M05PVN	1/2″	15	45
VS0137M07PVN	3/4″	20	35
VS0137M10PVN	1″	25	35

* EN 13828 limitazione per acqua potabile: PN 10 fino a 65°C (permesse escursioni occasionali fino a 90°C per massimo 1 ora).

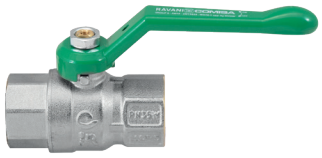
COMISA®
QUALITY COMES FIRST

Ball Valves 137 and 137M



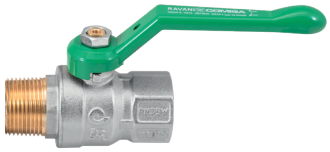
Suitable for the passage of drinking water.

The new Comisa ball valve, thanks to its high performing characteristics, represents innovation and safety.



137 F/F
(lever handle)

137 F/F
(butterfly handle)



137M M/F
(lever handle)

137M M/F
(butterfly handle)

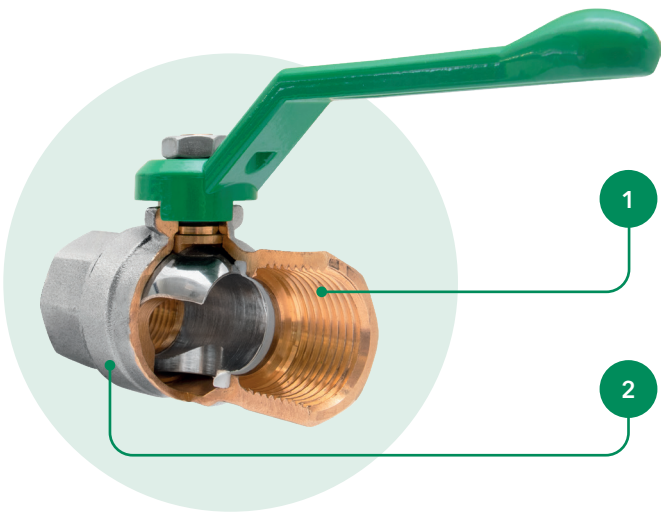
DVGW CERT
EN 13828 W570-1

Anti-Legionella

Anti-freezing

For drinking water

Comisa experience has given rise to a new-concept ball valve, designed to ensure the absence of nickel, a material harmful for the health.

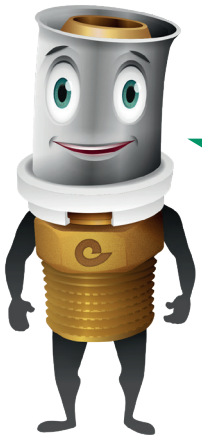


1. Internally nickel-free valve

We nickel-plate the valve before the machining, in this way we remove any trace of nickel on internal surfaces potentially in contact with drinking water.

2. Externally nickel-plated valve

The nickel plating remains only on the external surface of the valve, forming a protective layer and giving a nice appearance to the product.

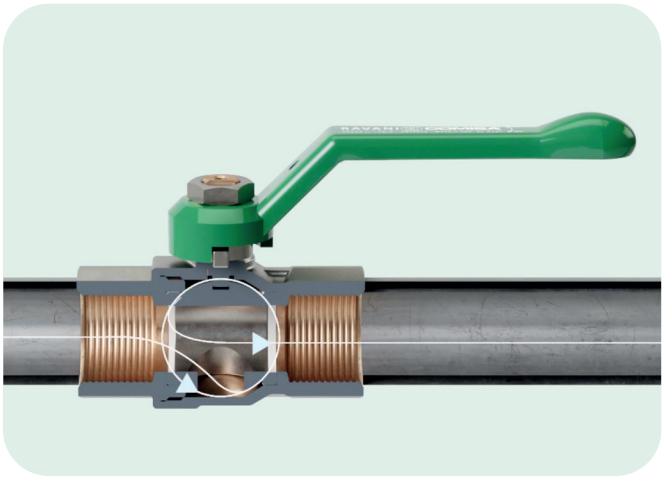


What is legionella?

Legionellosis is a lung infection caused by the bacterium Legionella pneumophila and it is transmitted to human beings through the inhalation of contaminated water particles. Currently, infections mainly result from the contamination of water distribution systems such as: shower, air conditioners, iron, water systems etc.

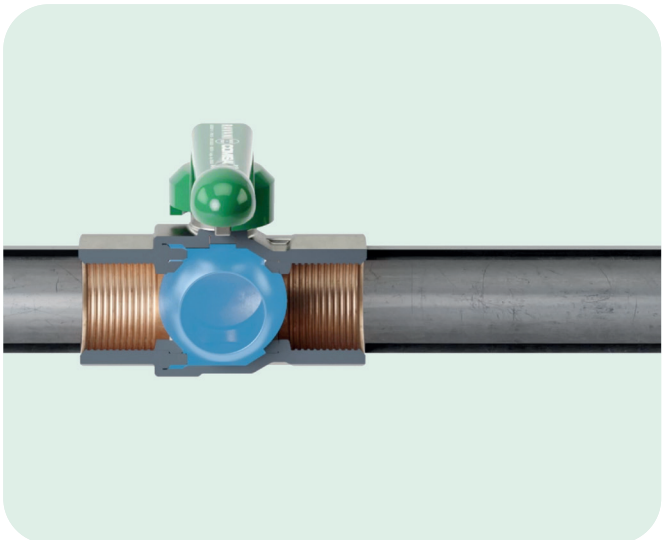
How to prevent it?

Legionella can be avoided by choosing suitable plumbing and heating products, like the Comisa ball valve 137. This valve has a drilled ball and, unlike what happens in traditional systems, when it is in the fully open position, the continuous rinsing prevents water stagnation and therefore the proliferation of bacteria.



Continuous rinsing

The drilled ball allows the continuous rinsing of the valve, thus avoiding the proliferation of bacteria.

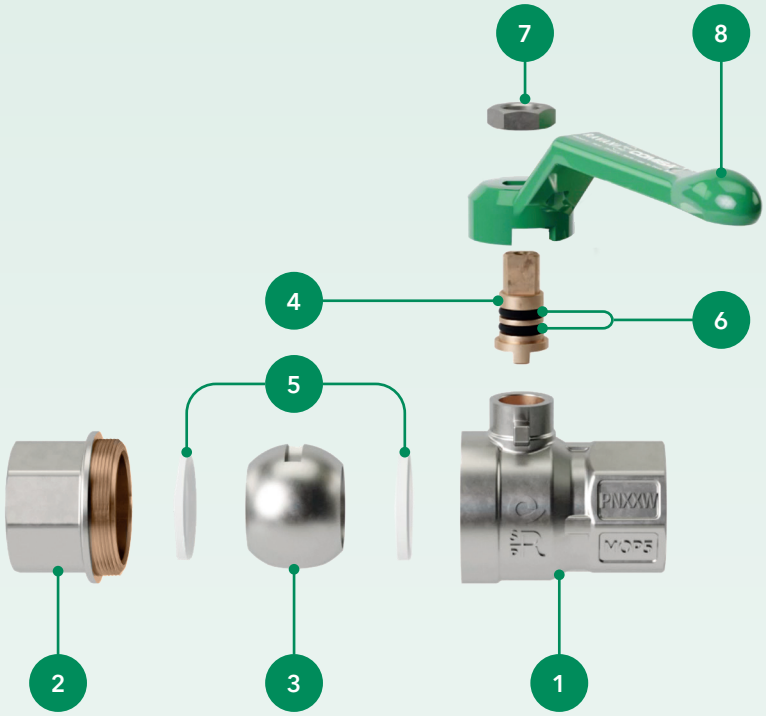


Antifreeze system

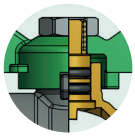
The Comisa ball valve 137 has a drilled ball which allows the continuous flow of the fluid inside the valve. This prevents the possible formation of frost from generating strong pressure internally and from causing possible breakages, as it happens in many other types of valves.

Components and materials

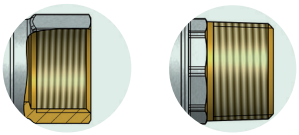
1. **Body**
   (Brass CW617N UNI EN 12165)
2. **Coupling**
   (Brass CW617N UNI EN 12165)
3. **Drilled ball**
   (Brass CW617N UNI EN 12165)
4. **Spindle**
   (Brass CW614N UNI EN 12164)
5. **Seals**
   (P.T.F.E.)
6. **O-ring**
   (EPDM)
7. **Nut**
   (Steel 8 UNI EN 20898/2)
8. **Handle**
   (Aluminium EN AB-46100 UNI EN 1676)



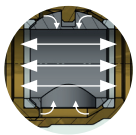
Features



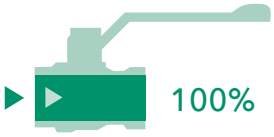
Anti-bursting pin



ISO 7/1 threads



Drilled ball



Full bore

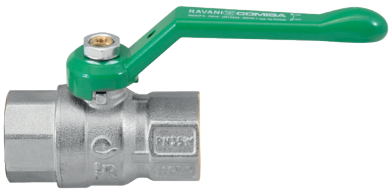
Certifications

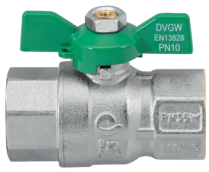
RoHS COMPLIANT

DVGW According to: EN 13828 W570-1

Available models

137 F/F

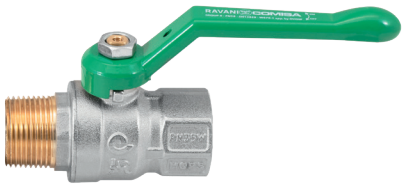




CODE	SIZE	DN	PN*
VS0137005AVN	1/2″	15	45
VS0137007AVN	3/4″	20	35
VS0137010AVN	1″	25	35

CODE	SIZE	DN	PN*
VS0137005PVN	1/2″	15	45
VS0137007PVN	3/4″	20	35
VS0137010PVN	1″	25	35

137M M/F



CODE	SIZE	DN	PN*
VS0137M05AVN	1/2″	15	45
VS0137M07AVN	3/4″	20	35
VS0137M10AVN	1″	25	35

CODE	SIZE	DN	PN*
VS0137M05PVN	1/2″	15	45
VS0137M07PVN	3/4″	20	35
VS0137M10PVN	1″	25	35

* EN 13828 limitation for drinking water: PN 10 up to 65°C (occasional excursions up to 90°C are allowed for maximum one hour).