

NOVAMESH

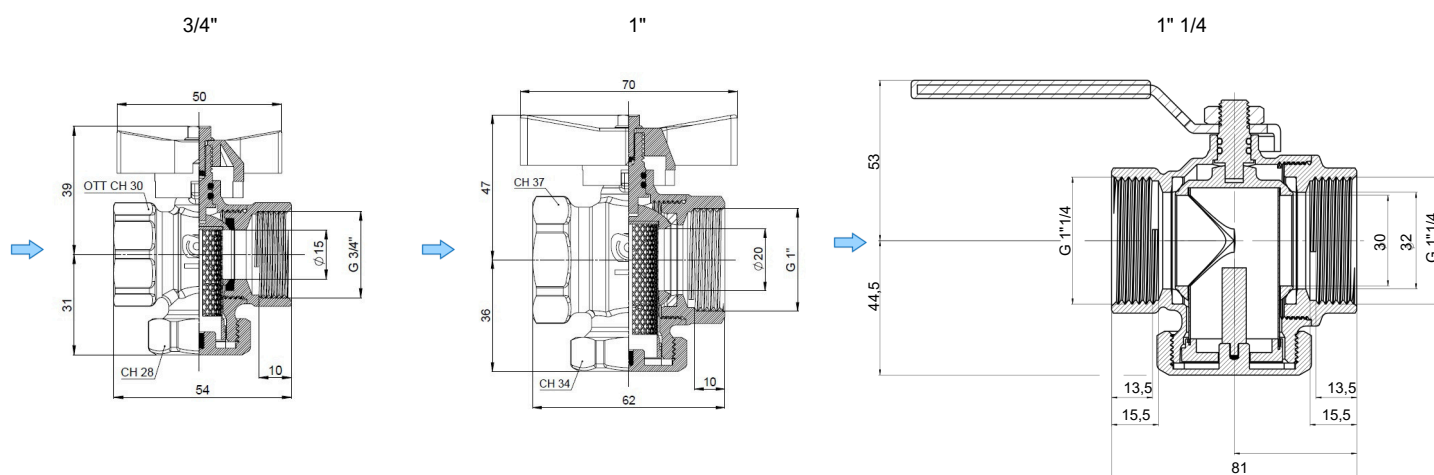
ART. 642



Function

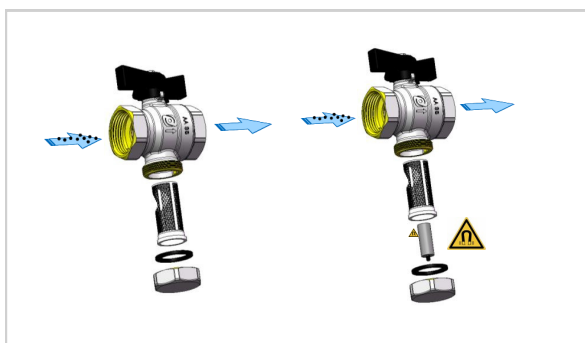
The NOVAMESH ball valve with filter and magnet is an accessory designed for heat pump systems, with the function of intercepting impurities. With its compact design, it replaces the traditional configuration of two ball valves and a Y-type filter.

Technical data



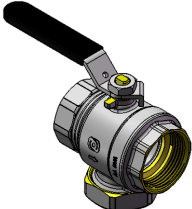
DIMENSIONS	3/4"	1"	1" 1/4
DN	DN15	DN20	DN30
Working Temperature	-20÷90 °C (90°→1,5 bar max – cold water →30 bar max)		
Maximum Pressure	PN 30		
Mesh Hole Diameter	0,65 mm		
Magnet	12.000 GAUSS		

Application



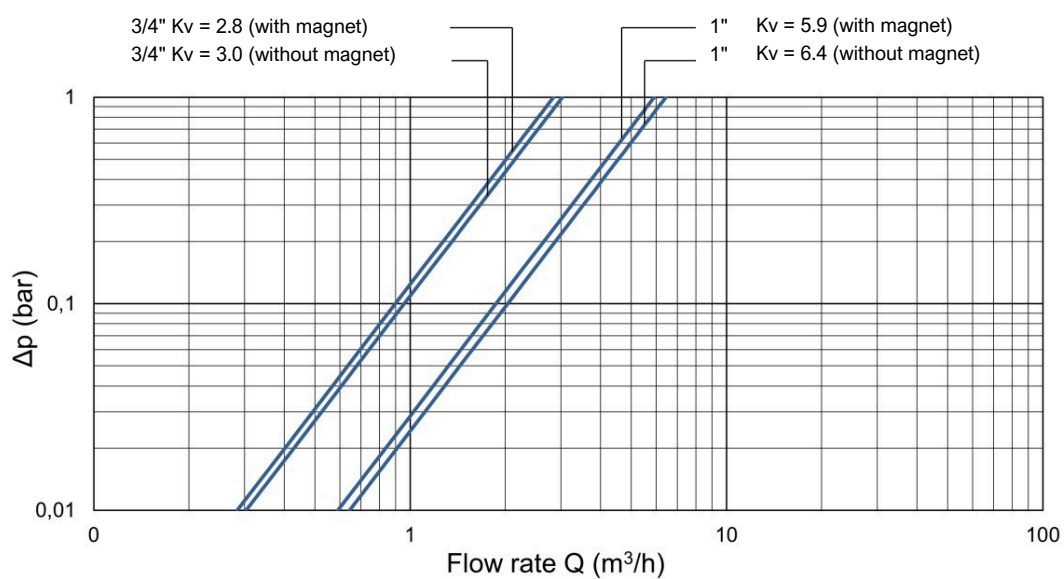
- For heating and cooling systems
- Combines the fluid interception of a classic ball valve with the function of filtering impurities (rust, sand, machining residues, ferrous particles)
- Filtration with a simple metal mesh and an additional magnet
- Cost-effective thanks to the integrated function of 2 ball valves and 1 Y-type filter
- Compact solution with minimal dimensions
- Cleaning or replacing the filter is quick and without fluid loss

Configuration

	DIMENSIONS	CONNECTIONS	DN	METAL MESH *		
3/4"		G 3/4" F	DN15	0,65 mm 	8	6
1"		G 1" F	DN20	0,65 mm 	6	6
1" 1/4		G 1" 1/4 F	DN30	0,65 mm 	6	6
OPTIONAL						
Magnete 12.000 GAUSS for both sizes						

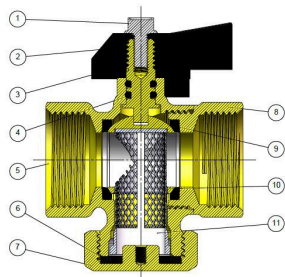
* Filter hole diameter

Pressure loss diagram

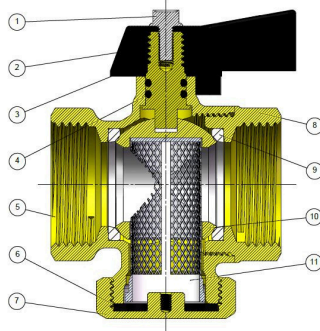


Components

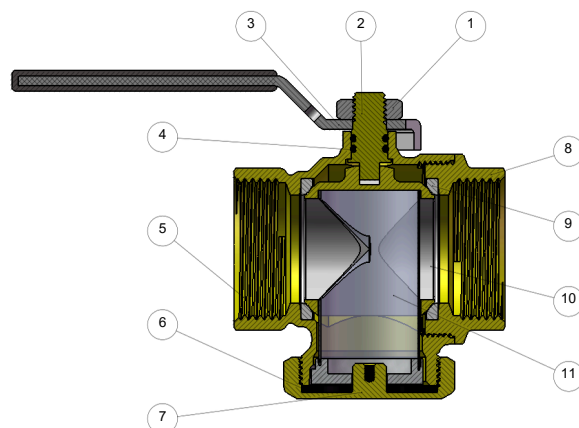
3/4"



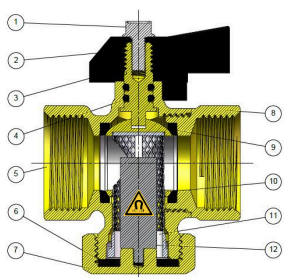
1"



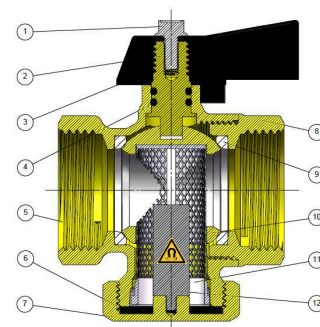
1" 1/4



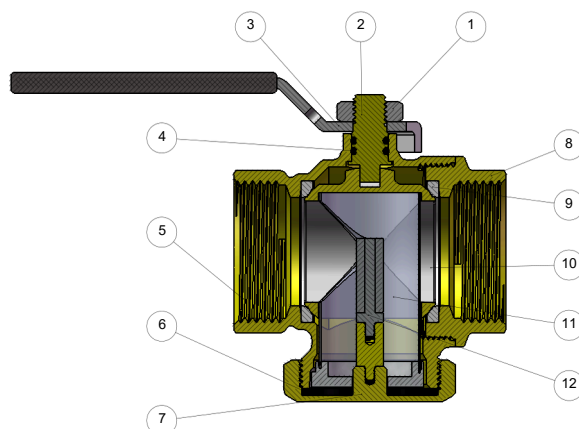
3/4" with magnet



1" with magnet



1" 1/4 with magnet



N°	COMPONENTS	MATERIALS
1	Screw lock	Steel Fe-50 (3/4" and 1") Galvanized steel (1"1/4)
2	Stem	Brass CW614N
3	Handle	Black painted aluminum (3/4" and 1") Steel (1"1/4)
4	Handle O-ring x2	EPDM 70N01C
5	Valve body	Brass CW617N, nickel-plated
6	Cap gasket	EPDM 70N01C
7	Cap	Brass CW617N, nickel-plated
8	Coupling	Brass CW617N, nickel-plated
9	Ball gasket x2	P.T.F.E.
10	Ball	Brass CW617N, chrome-plated
11	Filter	Stainless steel mesh + nylon
12	Magnet	Neodymium + brass

