

0295 • 1/2" - 2"

0297 • 1/2" - 2"



SELF CLEANING STRAINERS "ARION" PN 16 300 µm CUP IN TROGAMID-T
 SELF CLEANING STRAINERS "ARION" PN 16 300 µm CUP IN BRASS

CONNECTIONS: FEMALE-FEMALE
 FEMALE-FEMALE



0295



0297

HYDRAULIC FEATURES

The mechanical ARION® strainer for domestic use for drinking water treatment, is designed to separate foreign particles in suspension such as sand, rust flakes, calcareous fragments, etc., by means of a steel mesh barrier in order to prevent them from corroding the water pipeline or damaging important system components such as pressure reducing valves. The broad surface of the filtering cartridge guarantees a steady and optimal filtration for a long period of time. The impurity accumulation cup has a high mechanical strength and its transparency enables visual monitoring of impurity accumulation; the cup in brass renders it ideal for use even with industrial fluids at elevated temperatures (contact technical dept. for additional information) The ARION® strainer is also equipped with a system which permits by simple actions to flush away the dirt caught in the cup semi-automatically, without interrupting the passage of water. The regeneration or substitution of the filtering cartridge is easy: simply unscrew the upper plug. ARION® strainers are finished with a protective BLU epoxy varnish and can be used in conditioning plants, sanitary installations for water supply outside buildings according to EN 805, irrigation systems, compressed air distribution, and sanitary installations for water distribution inside buildings following EN 13443-1 (cartridge of 50 µm). This product adheres to the standards set forth by the European health authorities for the transport of alimentary fluids and potable water.

TECHNICAL FEATURES

Pressure:	
Maximum allowable working pressure (PN)	16 bar
Temperature:	
Allowable working temperature for the trogamid-t cup (TS)	from 0°C (excluding ice) to +40°C
Allowable working temperature for the brass cup (TS)	from 0°C (excluding ice) to +80°C
Compatible fluids:	
Heat transfer fluids in compliance with Italian national standards (UNI 8065 § 6)	
Glycolate solutions (glycol)	50%
Filtration Rating:	
Referenced micron rating (S)	< 300 µm (50 µm upon request)
Threading:	
Pipeline connection	Threads according to ISO 228/1
Manometer connection	Threads according to EN 10226- Rp1/4" (ex ISO 7/1)
Requirements and tests as per:	
Mechanical filter	EN 13443-1
Acoustic group Class	I - Lap [dB (A)] < 20

DESIGN

Cast brass body EN 1982 - CB753S
 Brass Plug EN 12165 - CW617N
 Transparent Cup in TROGAMID-T
 Varnished cup in Brass EN 12165 - CW617N
 O-rings in NBR RUBBER
 MICROSTRETCHED STAINLESS STEEL double-mesh filtering cartridge EN 10088-1.4301 (AISI 304)
 Surface treated with THERMOHARDENING BLUE VARNISH FINISH 5200 70

PRODUCT CODES

0295.015	trogamid-t cup model	1/2"	0297.015	brass cup model	1/2"
0295.020	trogamid-t cup model	3/4"	0297.020	brass cup model	3/4"
0295.025	trogamid-t cup model	1"	0297.025	brass cup model	1"
0295.033	trogamid-t cup model	1"1/4	0297.033	brass cup model	1"1/4
0295.042	trogamid-t cup model	1"1/2	0297.042	brass cup model	1"1/2
0295.050	trogamid-t cup model	2"	0297.050	brass cup model	2"



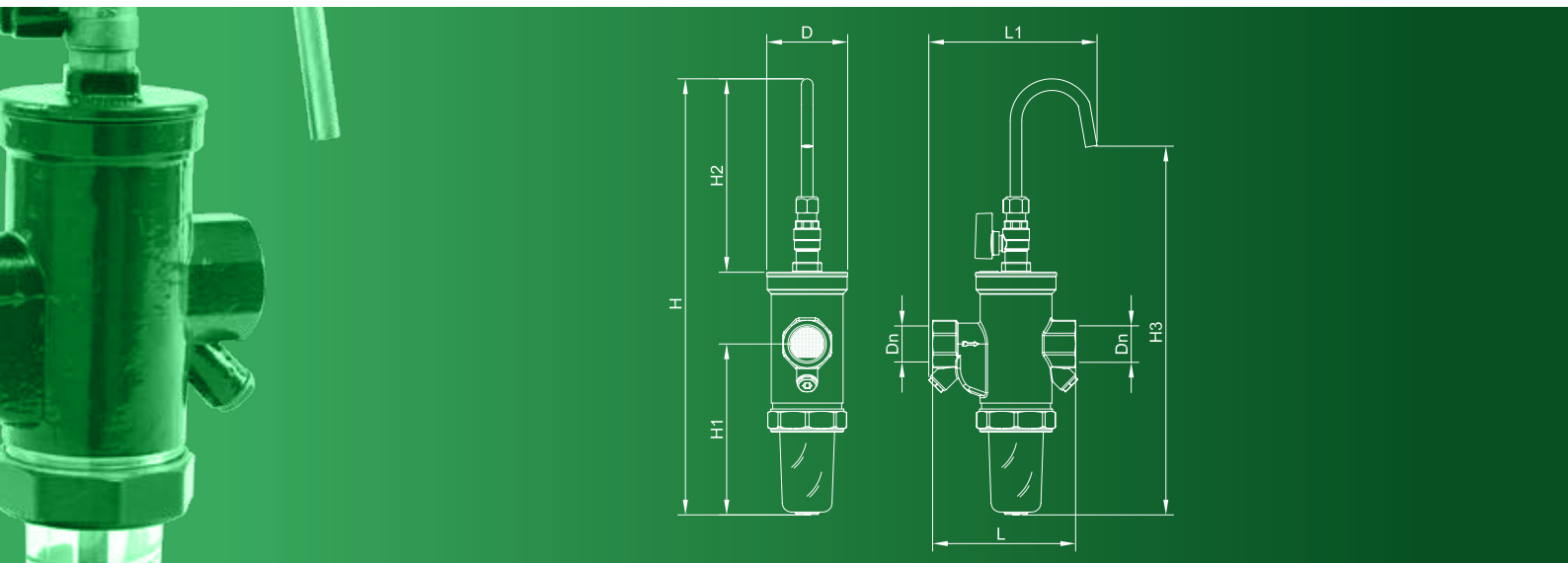
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FEATURES

Dn	D	L	L1	H	H1	H2	H3
1/2"	Ø70	95,5	113,5	366	145	167	288
3/4"	Ø70	95	119	377	145	167	288
1"	Ø70	123,5	141,5	377	145	167	318
1"1/4	Ø70	121,5	141,5	377	145	167	318
1"1/2	Ø70	145,5	156,5	433	188	167	375
2"	Ø70	145,5	156,5	433	188	167	375

HEAD LOSS

