

0295 • 1/2" ÷ 2"

0297 • 1/2" ÷ 2"



SELF CLEANING STRAINER IN BRASS **ARION**® PN 16 TRANSPARENT CUP
 SELF CLEANING STRAINER IN BRASS **ARION**® PN 16 BRASS CUP

CONNECTIONS: FEMALE - FEMALE
 FEMALE - FEMALE



0295

0297

DESCRIPTION

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 internal 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 makes it suitable for use even with industrial fluids at elevated temperatures. 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. 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 (PN)	16 bar
Temperature:	allowable temperature for the transparent cup (TS)	from 0°C (excluding ice) to +40°C
	allowable 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) code 0295.0 and 0297.0	<300 µm
	code 0295.9 and 0297.9	<50 µm
Threading:	pipeline connection	threads according to ISO 228/1
	manometer connection	threads according to EN 10226- Rp1/4"
Requirements and tests as per:	mechanical filters	UNI EN 12266-1

DESIGN

Body and plug	cast brass
Transparent cup	transparent plastic
Varnished cup	brass
O-rings	NBR rubber
Filtering cartridge	microstretched stainless steel double mesh
Surface treatment	thermohardening varnish finish

PRODUCT CODES

0295.015/915	with transparent cup	1/2"	0297.015/915	with brass cup	1/2"
0295.020/920	with transparent cup	3/4"	0297.020/920	with brass cup	3/4"
0295.025/925	with transparent cup	1"	0297.025/925	with brass cup	1"
0295.033/933	with transparent cup	1"1/4	0297.033/933	with brass cup	1"1/4
0295.042/942	with transparent cup	1"1/2	0297.042	with brass cup	1"1/2
0295.050/950	with transparent cup	2"	0297.050	with brass cup	2"



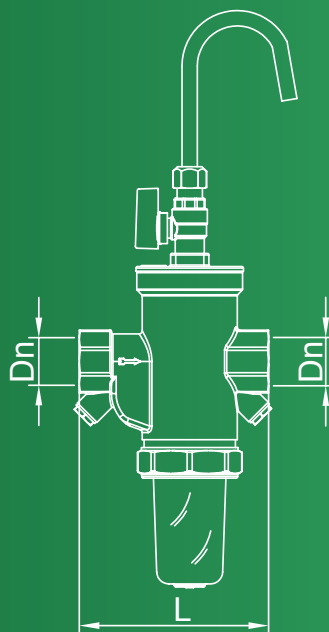
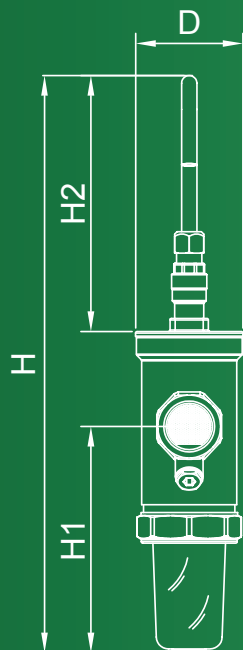
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FEATURES

0295

Dn	D [mm]	L [mm]	H [mm]	H1 [mm]	H2 [mm]
1/2"	Ø70	96	346	145	167
3/4"	Ø70	96	346	145	167
1"	Ø70	124	375	147	167
1"1/4	Ø70	122	376	148	167
1"1/2	Ø77	146	433	187	167
2"	Ø77	146	433	187	167

0297

Dn	D [mm]	L [mm]	H [mm]	H1 [mm]	H2 [mm]
1/2"	Ø70	96	344	143	167
3/4"	Ø70	96	344	143	167
1"	Ø70	124	373	145	167
1"1/4	Ø70	122	373	145	167
1"1/2	Ø77	146	431	185	167
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HEAD LOSS

