Zeparo ZU

Automatic air vents and separators (micro bubble, dirt, combined)



PNEUMATEX

Pressurisation & Water Quality › Balancing & Control › Thermostatic Control

ENGINEERING ADVANTAGE

Comprehensive range of products for venting and separation of micro bubbles, sludge, oxygen and magnetite in heating, solar and cooling water systems. The diversity of the applications as well as their modular construction is unique. The helistill separator – a brand new development – makes these products incredibly efficient.



Technical description

Application:
Heating and chilled water systems.

Media:
Non-aggressive and non-toxic system media.
Addition of antifreeze agent up to 50%.

pressure:
Max. admissible pressure, PS: 10 bar
Min. admissible pressure, PSmin: 0 bar

Temperature:
Max. admissible temperature, TS: 110 °C
Min. admissible temperature, TSmin: -10 °C

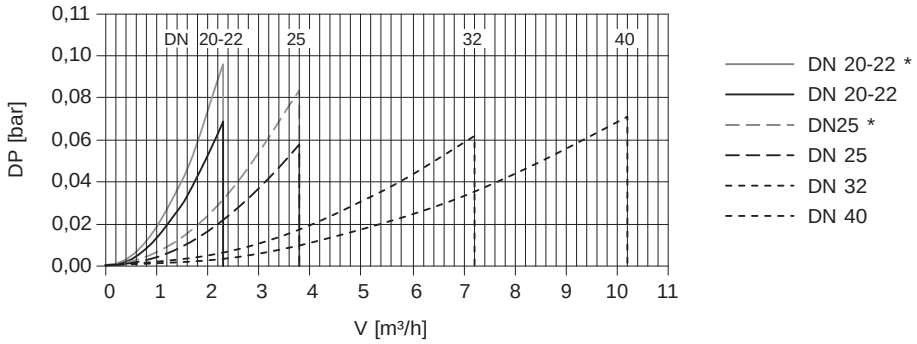
Material:
Brass

Transportation and storing:
In frostless, dry places.

Diagram

Approx. pressure loss (Dp) – Separator

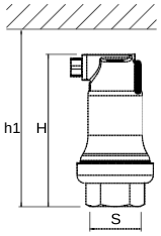
Zeparo ZUD, ZUC,
DN 20-40



* = Lateral

Zeparo DN 20-40 must operate within the limits ≤VD.

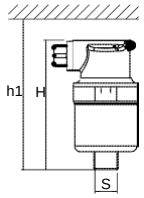
Zeparo ZUT – Automatic air vent, version Top



Zeparo ZUT
Female thread. Vertical installation.

Type	H	h1	[kg]	S	Dpp [bar]	EAN	Article No
ZUT 15	124	149	0,6	Rp1/2	10	7640148632454	789 0515
ZUT 20	124	149	0,7	Rp3/4	10	7640148632461	789 0520
ZUT 25	124	149	0,7	Rp1	10	7640148632478	789 0525

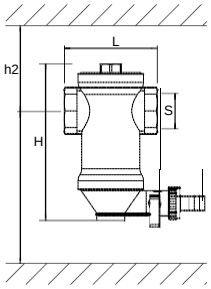
Zeparo ZUp – Automatic air vent, version purge



Zeparo ZUp
Male thread. Vertical installation.

Type	H	h1	[kg]	S	Dpp [bar]	EAN	Article No
ZUP 10	90	110	0,4	R3/8	6	7640148632508	789 1510

Zeparo ZUD – Separator, version Dirt for sludge particles

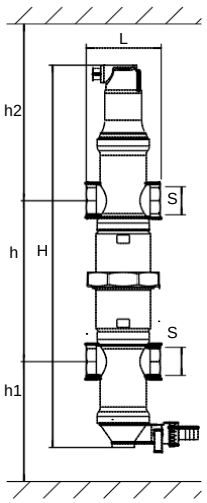


Zeparo ZUD
Female thread or compression fitting (22 mm). Horizontal installation.

Type	H	h1	h2	L	[kg]	S	VD [m³/h]	VM [m³/h]	EAN	Article No
ZUD 20	141	128	78	88	0,9	G3/4	1,3	2,3	7640148632683	789 2120
ZUD 25	144	140	69	88	1,0	G1	2,1	3,8	7640148632706	789 2125
ZUD 32	176	155	86	88	1,2	G1 1/4	7,2	7,2	7640148632713	789 2132
ZUD 40	210	187	88	88	1,4	G1 1/2	10,2	10,2	7640148632720	789 2140

VD = Nominal flow/flow rate
VM = Maximum flow

Zeparo ZUC – Low loss header, version Collect with separator for micro bubbles and sludge particles



Zeparo ZUC
Female thread or compression fitting (22 mm). Horizontal installation.

Type	H	h	h1	h2	L	[kg]	S	VD [m³/h]	VM [m³/h]	EAN	Article No
ZUC 20	450	211	128	176	88	2,8	G3/4	1,3	2,3	7640148632942	789 5120
ZUC 25	456	193	140	186	88	3,1	G1	2,1	3,8	7640148632966	789 5125
ZUC 32	520	227	155	203	88	3,6	G1 1/4	3,7	7,2	7640148632973	789 5132
ZUC 40	586	231	187	235	88	3,9	G1 1/2	5	10,2	7640148632980	789 5140

Accessories for separators



Zeparo ZpR – Redox anode, replacement for Zeparo ZUR
Heating, solar and cooling water systems.
With Redox granules for reduction of oxygen and improve water quality.
Water without inhibitors.
Max. admissible temperature: 110 °C. Min. admissible temperature: -10 °C.
Max. admissible pressure: 10 bar. Min. admissible pressure: 0 bar.

Type	[kg]	S	EAN	Article No
ZPR	0,2	G1/2		789 6000

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