



2.3.a Dirt separators

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2.3.a Dirt separators

Content

Dirt separators PN 16 - threaded model	410
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Article	Article-No.	Hint												
<p>Dirt separators PN 16 - threaded model brass, with magnetite separator</p>														
<p>For horizontal installation Rp female thread according to EN 10226-1</p>														
	<table border="0"> <tr> <td>DN 20</td> <td>Rp ¾</td> <td>1124006</td> </tr> <tr> <td>DN 25</td> <td>Rp 1</td> <td>1124008</td> </tr> <tr> <td>DN 32</td> <td>Rp 1¼</td> <td>1124010</td> </tr> <tr> <td>DN 40</td> <td>Rp 1½</td> <td>1124012</td> </tr> </table>	DN 20	Rp ¾	1124006	DN 25	Rp 1	1124008	DN 32	Rp 1¼	1124010	DN 40	Rp 1½	1124012	<p>Application: Central heating and cooling systems with closed circuits, for operation with non-aggressive, harmless fluids (e.g. water or suitable water and glycol mixtures according to VDI 2035/ÖNORM 5195).</p> <p>Max. operating pressure p_s: 16 bar (PN 16) Operating temperature t_s: -10 °C up to +110 °C</p> <p>For cooling systems: Please provide frost protection and diffusion tight insulation!</p>
DN 20	Rp ¾	1124006												
DN 25	Rp 1	1124008												
DN 32	Rp 1¼	1124010												
DN 40	Rp 1½	1124012												
<p>For vertical installation Rp female thread according to EN 10226-1</p>														
	<table border="0"> <tr> <td>DN 20</td> <td>Rp ¾</td> <td>1124106</td> </tr> <tr> <td>DN 25</td> <td>Rp 1</td> <td>1124108</td> </tr> </table>	DN 20	Rp ¾	1124106	DN 25	Rp 1	1124108	<p>Function: Oventop dirt separators serve the constant removal of smallest dirt particles without increasing the flow resistance. Magnetite is retained by a strong magnet. When removing the magnet, the magnetic particles fall into the sump and can be rinsed out via a ball valve without interruption of use.</p>						
DN 20	Rp ¾	1124106												
DN 25	Rp 1	1124108												

2.3

Article	Article-No.	Hint
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Dirt separators - flanged model
steel, with magnetite separator



Flanged according to **DIN EN 1092-1**

DN 50	1124550
DN 65	1124551
DN 80	1124552
DN 100	1124553
DN 125	1124554
DN 150	1124555
DN 200	1124556
DN 250	1124557
DN 300	1124558

Application:
Central heating and cooling systems with closed circuits, for operation with non-aggressive, harmless fluids (e.g. water or suitable water and glycol mixtures according to VDI 2035/ÖNORM 5195).

Max. operating pressure p_s : 16 bar (PN 16)
Operating temperature t_s : -10 °C up to +110 °C

For cooling systems: Please provide frost protection and diffusion tight insulation!

Function:
Oventop dirt separators serve the constant removal of smallest dirt particles without increasing the flow resistance. Magnetite is retained by a strong magnet. When removing the magnet, the magnetic particles fall into the sump and can be rinsed out via a ball valve without interruption of use.



Flanged with hole circle according to **ANSI**

DN 50	1124650
DN 65	1124651
DN 80	1124652
DN 100	1124653
DN 125	1124654
DN 150	1124655
DN 200	1124656
DN 250	1124657
DN 300	1124658

As above but ANSI class 150.

Max. operating pressure p_s : 20 bar (PN 20)

Larger dimensions on demand.






2.3.b Airvents

Content

Airvents PN 10

414

Article	Packing unit	Article-No.	Hint
Airvents PN 10			Application: Central heating and cooling systems with closed circuits, for operation with non-aggressive, harmless fluids (e. g. water or suitable water and glycol mixtures with a maximum glycol proportion of 30 % according to VDI 2035/ÖNORM 5195). Max. operating pressure p_s : 10 bar (PN 10) Operating temperature t_s : 0 °C up to 110 °C
 Brass automatic airvent with automatic shut off			
G 3/8	(10)	1088303	
G 1/2	(10)	1088304	
G 3/4	(10)	1088306	
 angle pattern nickel plated, without automatic shut off			
G 1/2	(10)	1088404	
 Brass precision airvent with automatic shut off			With air admission barrier in the venting valve.
G 3/8	(10)	1088203	

2.3



2.3.c Strainers

Content

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Article kvs Packing unit Article-No.

Hint

Strainers PN 25
bronze



with simple wire basket, 600 µm

DN 8	1.50	(10)	1120002
DN 10	1.70	(10)	1120003
DN 15	3.80	(10)	1120004
DN 20	7.80	(10)	1120006
DN 25	13.40	(10)	1120008
DN 32	23.90	(5)	1120010
DN 40	32.50	(5)	1120012
DN 50	56.20	(5)	1120016
DN 65	101.30		1120020
DN 80	133.60		1120024

with double wire basket for fine filtering, 250 µm



DN 8	1.40	(10)	1121002
DN 10	1.60	(10)	1121003
DN 15	3.40	(10)	1121004
DN 20	6.90	(10)	1121006
DN 25	10.90	(10)	1121008
DN 32	20.70	(5)	1121010
DN 40	27.40	(5)	1121012
DN 50	47.30	(5)	1121016
DN 65	82.10		1121020
DN 80	102.00		1121024

Spare parts

Wire basket
(mesh size 600 µm)



DN 8 + DN 10			1123003
DN 15			1123004
DN 20			1123006
DN 25			1123008
DN 32			1123010
DN 40			1123012
DN 50	(100)		1123016
DN 65			1123020
DN 80			1123024

Double wire basket
(mesh size 250 µm)



DN 8 + DN 10			1123103
DN 15			1123104
DN 20			1123106
DN 25			1123108
DN 32			1123110
DN 40			1123112
DN 50			1123116
DN 65			1123120
DN 80			1123124



Strainer PN 25
both ports male thread, flat sealing
with double wire basket 250 µm

DN 15	2.70	(10)	1141004
DN 20	4.80	(10)	1141006

Application:

Central heating and cooling systems with closed circuits and industrial plants, for operation with non-aggressive, harmless fluids (e. g. water or suitable water and glycol mixtures according to VDI 2035/ÖNORM 5195).

Strainers 11200/10:

Material resistant to: mineral, heating and hydraulic oils, fuels, water vapour, as well as air and other harmless, non-aggressive gases (not suitable for gaseous fluids group 1 according to directive 2014/68/EU)

Max. operating pressure p_s : 25 bar (PN 25)
Operating temperature t_s : -10 °C up to +150 °C

(The valid rules and standards for the use of these media may restrict the temperature range.)

The sizes DN 10 - DN 80 (1120002-24) are WRAS (United Kingdom) certified for installation in potable water systems.

The strainers DN 10 - DN 20 are suitable for use with compression fittings, item no. 10271..., page 315.

DN 8 – DN 50 bronze body, brass bonnet.
DN 65 – DN 80 brass body and bonnet.
Wire basket made of stainless chromium steel.

Item no. 11200:
Mesh size 0.6 mm
100 meshes/cm², Δ 600 µm.

Item no. 11210:
Mesh size 0.25 mm
600 meshes/cm², Δ 250 µm.

Wire basket

D	Height	Ø
DN 8 + DN 10	22	13.5
DN 15	27	19
DN 20	36	25
DN 25	42	31
DN 32	55	43
DN 40	62	48.5
DN 50	72	64
DN 65	110	70
DN 80	130	80

Strainer 11410:

Max. operating pressure p_s : 25 bar (PN 25)
Operating temperature t_s : -10 °C up to +120 °C



Strainers PN 16
cast iron

Article	kvs	Article-No.
DN 15	7.00	1122045
DN 20	10.00	1122046
DN 25	15.00	1122047
DN 32	21.00	1122048
DN 40	39.00	1122049
DN 50	60.00	1122050
DN 65	105.00	1122051
DN 80	140.00	1122052
DN 100	225.00	1122053
DN 125	340.00	1122054
DN 150	405.00	1122055
DN 200	715.00	1122056
DN 250	1,355.00	1122057
DN 300	1,890.00	1122058
DN 350	2,970.00	1122059
DN 400	4,150.00	1122060
DN 450	5,540.00	1122061
DN 500	6,850.00	1122062
DN 600	9,280.00	1122063

Application:
Central heating and cooling systems with closed circuits, for operation with non-aggressive, harmless fluids (e. g. water or suitable water and glycol mixtures according to VDI 2035/ÖNORM 5195).

Max. operating pressure p_s : 16 bar (PN 16)
Operating temperature t_s : 0 up to 120 °C

Body and cover:
DN 15 - DN 300: made of cast iron (EN-GJL-250 DIN EN1561)
DN 350 - DN 600: made of nodular cast iron (EN-GJS-500-7 DIN EN1563)
Wire basket: made of stainless steel, asbestos free gasket
Round flanges according to DIN EN 1092-2, PN 16

Screen aperture width:
DN 15 - 32: 1.0 mm
DN 40 - 150: 1.5 mm
DN 200 - 300: 2.0 mm
DN 350 - 600: 3.0 mm

Spare parts

Wire basket and blind flange ring gasket



DN 15/20	1122085
DN 25	1122087
DN 32	1122088
DN 40	1122089
DN 50	1122090
DN 65	1122091
DN 80	1122092
DN 100	1122093
DN 125	1122094
DN 150	1122095
DN 200	1122096
DN 250	1122097
DN 300	1122098
DN 350	1122159
DN 400	1122160
DN 450	1122161
DN 500	1122162
DN 600	1122163

Larger sizes on demand.

Article	Packing unit	Article-No.	Hint
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Strainers PN 25
bronze



both ports with weldable steel tailpipe
wire basket made of stainless chromium steel
mesh size 0.6 mm

DN 15		1068004	
DN 20		1068006	
DN 25		1068008	
DN 32		1068010	

Application:
Central heating and cooling systems with closed circuits and industrial plants, for operation with non-aggressive, harmless fluids (e. g. water or suitable water and glycol mixtures according to VDI 2035/ÖNORM 5195).
Material resistant to: mineral, heating and hydraulic oils, fuels, water vapour as well as air and other harmless non-aggressive gases (not for gaseous fluids group 1 according to directive 2014/68/EU)

Max. operating pressure p_s : 25 bar (PN 25)
Operating temperature t_s : 0 °C up to 150 °C

Spare parts

Wire basket
(mesh size 0.6 mm)



DN 15	(10)	1068804	
DN 20	(10)	1068806	
DN 25	(10)	1068808	
DN 32	(10)	1068810	