

SPIROTECH SPECIFICATION SHEET



Product: SpiroVent deaerator 22 mm Compression fitting

Type:

AA022

Date:

11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	1	m/s
Max. flow rate:	1.30	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Design standard:	EN 13445	

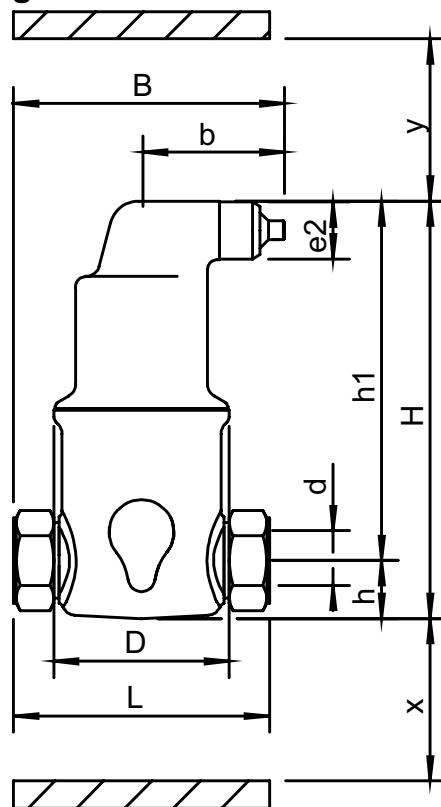
Testing and quality assurance

Leakage test:	no
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no

Construction materials

Body:	Brass
Deaeration cap:	Brass
Valve sealing:	Viton
Float:	PP
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)

Drawing



Dimensions

d:	22 mm
H:	154 mm
h:	21 mm
h1:	133 mm
L:	105 mm
D:	65 mm
B:	106 mm
b:	52 mm
x:	>50 mm
y:	>50 mm
e2:	R1/2

Volume 0.18 ltr
 Dry weight (approx) 1.2 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroVent deaerator 22 mm Compression fitting

Type:

AA022/002

Date:

6/24/2021

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	1	m/s
Max. flow rate:	1.30	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	180	°C
Design standard:	EN 13445	

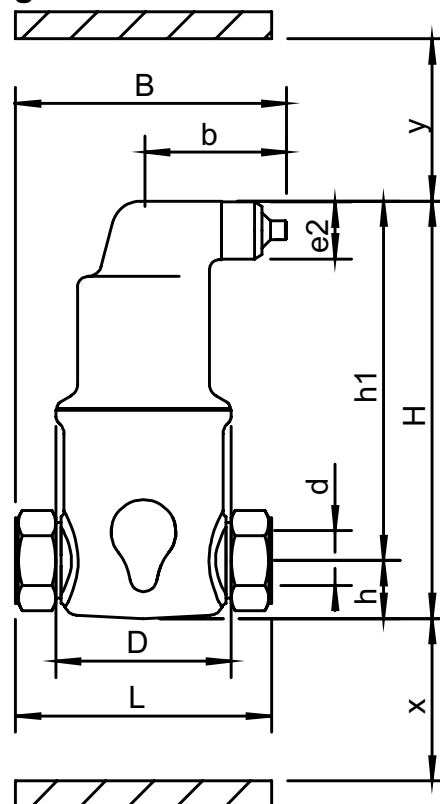
Testing and quality assurance

Leakage test:	no
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no

Construction materials

Body:	Brass
Deaeration cap:	Brass
Valve sealing:	Viton
Float:	TPX
Spirotube Tube:	Copper
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)

Drawing



Dimensions

d:	22 mm
H:	154 mm
h:	21 mm
h1:	133 mm
L:	105 mm
D:	65 mm
B:	106 mm
b:	52 mm
x:	>50 mm
y:	>50 mm
e2:	R1/2

Volume 0.18 ltr
 Dry weight (approx) 1.2 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroVent deaerator G^{3/4}" Threaded fitting

Type:

AA075

Date:

11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	1	m/s
Max. flow rate:	1.30	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Design standard:	EN 13445	

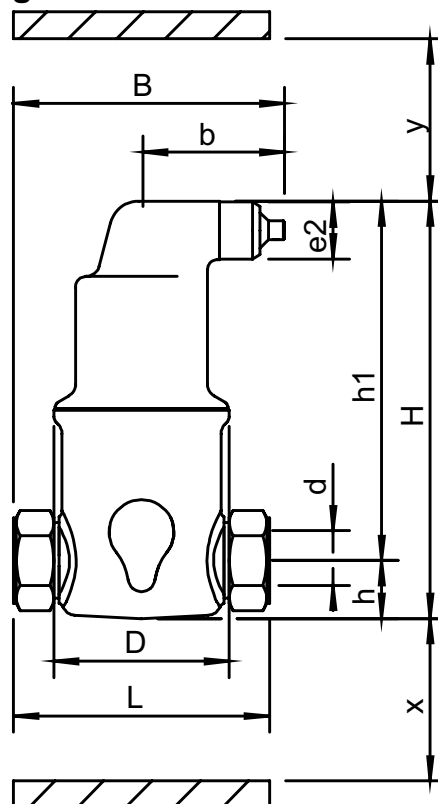
Testing and quality assurance

Leakage test:	no
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no

Construction materials

Body:	Brass
Deaeration cap:	Brass
Valve sealing:	Viton
Float:	PP
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)

Drawing



Dimensions

d:	G ^{3/4} "
H:	154 mm
h:	21 mm
h1:	133 mm
L:	85 mm
D:	65 mm
B:	96 mm
b:	52 mm
x:	>50 mm
y:	>50 mm
e2:	R1/2

Volume 0.18 ltr

Dry weight (approx) 1 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroVent deaerator G^{3/4}" Threaded fitting

Type:

AA075/025

Date:

6/24/2021

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	1	m/s
Max. flow rate:	1.30	m ³ /h
Max. pressure:	25	bar-g
Max. temperature:	150	°C
Design standard:	EN 13445	

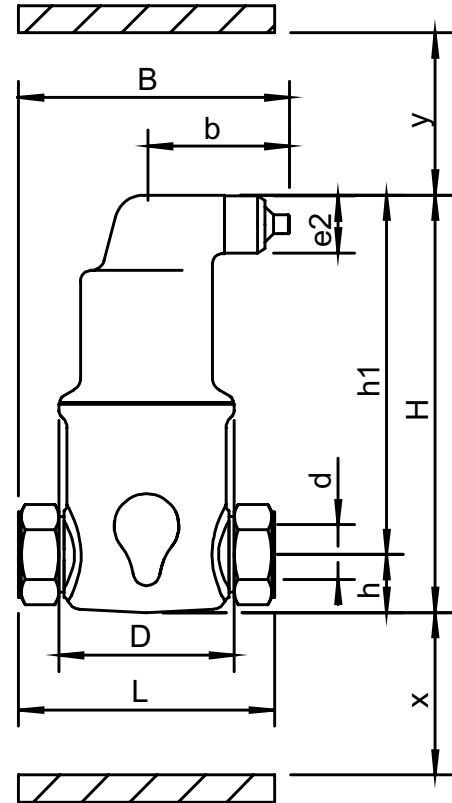
Testing and quality assurance

Leakage test:	yes
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no

Construction materials

Body:	Brass
Deaeration cap:	Brass
Valve sealing:	Viton
Float:	TPX
Spirotube Tube:	Copper
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)

Drawing



Dimensions

d:	G ^{3/4} "
H:	176 mm
h:	21 mm
h1:	155 mm
L:	85 mm
D:	65 mm
B:	96 mm
b:	52 mm
x:	>50 mm
y:	>50 mm
e2:	R1/2

Volume 0.18 ltr
 Dry weight (approx) 1.4 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroVent deaerator G1" Threated fitting

Type:

AA100

Date:

11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	1	m/s
Max. flow rate:	2.00	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Design standard:	EN 13445	

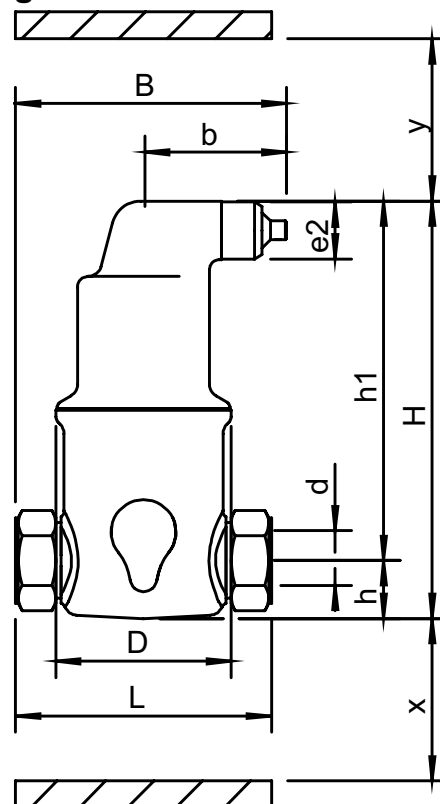
Testing and quality assurance

Leakage test:	no
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no

Construction materials

Body:	Brass
Deaeration cap:	Brass
Valve sealing:	Viton
Float:	PP
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)

Drawing



Dimensions

d:	G1"
H:	180 mm
h:	35 mm
h1:	145 mm
L:	88 mm
D:	65 mm
B:	97 mm
b:	52 mm
x:	>50 mm
y:	>50 mm
e2:	R1/2

Volume 0.21 ltr
 Dry weight (approx) 1.3 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroVent deaerator G1" Threated fitting

Type:

AA100/025

Date:

6/24/2021

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	1	m/s
Max. flow rate:	2.00	m ³ /h
Max. pressure:	25	bar-g
Max. temperature:	150	°C
Design standard:	EN 13445	

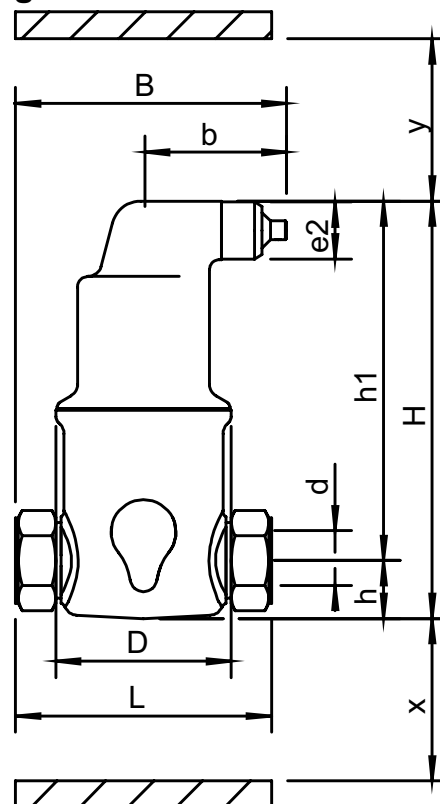
Testing and quality assurance

Leakage test:	yes
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no

Construction materials

Body:	Brass
Deaeration cap:	Brass
Valve sealing:	Viton
Float:	TPX
Spirotube Tube:	Copper
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)

Drawing



Dimensions

d:	G1"
H:	202 mm
h:	35 mm
h1:	167 mm
L:	88 mm
D:	65 mm
B:	97 mm
b:	52 mm
x:	>50 mm
y:	>50 mm
e2:	R1/2

Volume 0.21 ltr
 Dry weight (approx) 1.6 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroVent deaerator G1 1/4" Threaded fitting

Type:

AA125

Date:

11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	1	m/s
Max. flow rate:	3.60	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Design standard:	EN 13445	

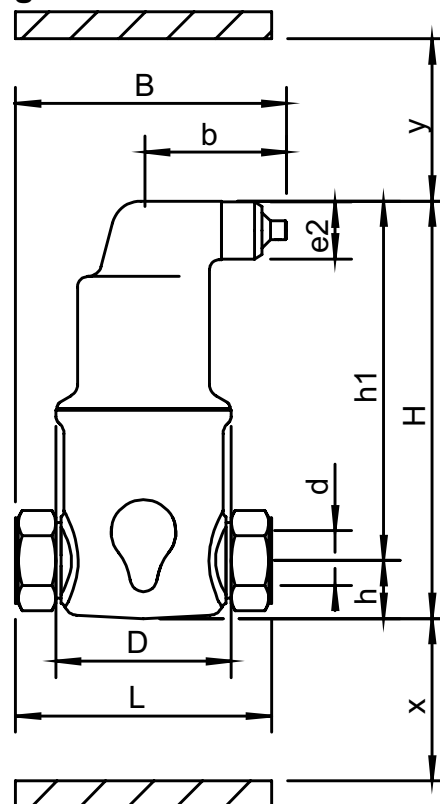
Testing and quality assurance

Leakage test:	no
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no

Construction materials

Body:	Brass
Deaeration cap:	Brass
Valve sealing:	Viton
Float:	PP
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)

Drawing



Dimensions

d:	G1 1/4"
H:	198 mm
h:	39 mm
h1:	159 mm
L:	88 mm
D:	65 mm
B:	97 mm
b:	52 mm
x:	>50 mm
y:	>50 mm
e2:	R1/2

Volume 0.25 ltr
 Dry weight (approx) 1.4 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroVent deaerator G1 1/4" Threaded fitting

Type:

AA125/025

Date:

6/24/2021

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	1	m/s
Max. flow rate:	3.60	m ³ /h
Max. pressure:	25	bar-g
Max. temperature:	150	°C
Design standard:	EN 13445	

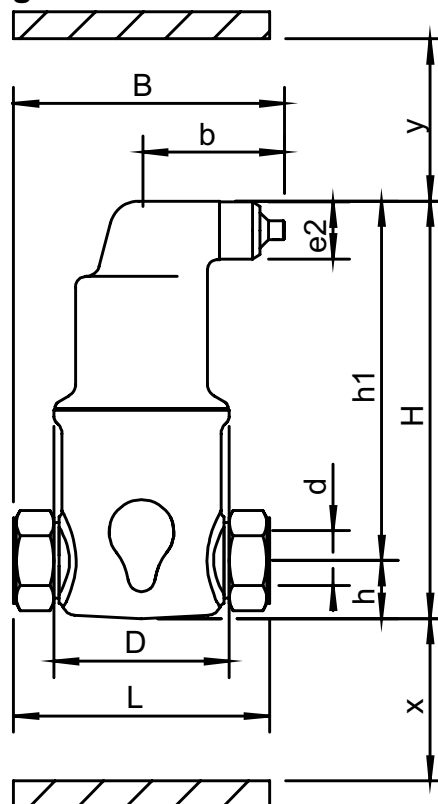
Testing and quality assurance

Leakage test:	yes
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no

Construction materials

Body:	Brass
Deaeration cap:	Brass
Valve sealing:	Viton
Float:	TPX
Spirotube Tube:	Copper
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)

Drawing



Dimensions

d:	G1 1/4"
H:	220 mm
h:	39 mm
h1:	181 mm
L:	88 mm
D:	65 mm
B:	97 mm
b:	52 mm
x:	>50 mm
y:	>50 mm
e2:	R1/2

Volume 0.25 ltr
 Dry weight (approx) 1.8 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroVent deaerator G1 1/4" Threaded fitting

Type:

AA125/R002

Date:

6/24/2021

Customer:

Project:

Reference:

Design criteria

Medium:	Acc. supplier info	
Max. flow velocity:	1	m/s
Max. flow rate:	3.60	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	180	°C
Design standard:	EN 13445	

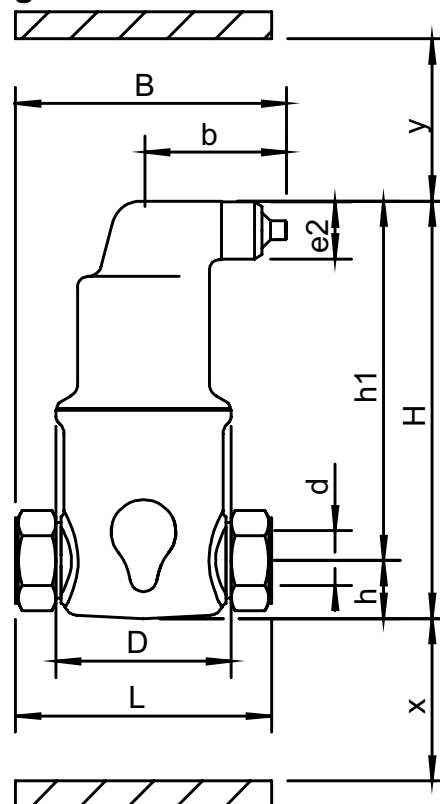
Testing and quality assurance

Leakage test:	no
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no

Construction materials

Body:	AISI316
Deaeration cap:	AISI316
Valve sealing:	Viton
Float:	TPX
Spirotube Tube:	AISI316
Spirotube Wire:	AISI316
Spirotube Solder:	Tin(SnCu3)

Drawing



Dimensions

d:	G1 1/4"
H:	198 mm
h:	39 mm
h1:	159 mm
L:	88 mm
D:	65 mm
B:	97 mm
b:	52 mm
x:	>50 mm
y:	>50 mm
e2:	R1/2

Volume 0.25 ltr
 Dry weight (approx) 1.4 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroVent deaerator G1 1/4" Threaded fitting

Type:

AA125/R004

Date:

6/24/2021

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	1	m/s
Max. flow rate:	3.60	m ³ /h
Max. pressure:	25	bar-g
Max. temperature:	200	°C
Design standard:	EN 13445	

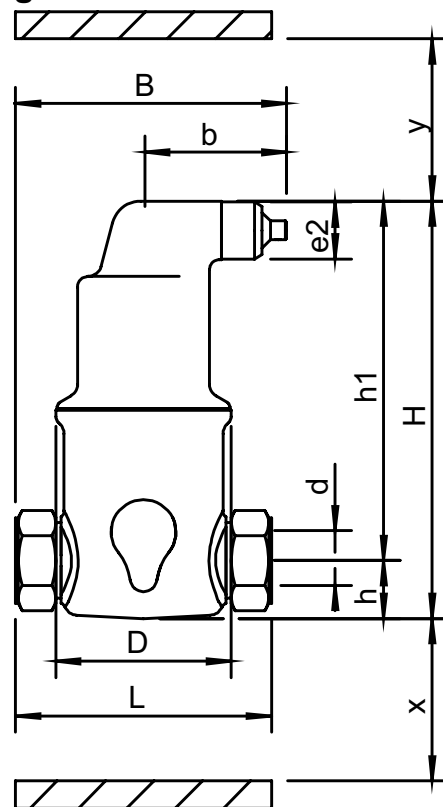
Testing and quality assurance

Leakage test:	yes
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no

Construction materials

Body:	AISI316
Deaeration cap:	AISI316
Valve sealing:	Viton
Float:	TPX
Spirotube Tube:	AISI316
Spirotube Wire:	AISI316
Spirotube Solder:	Tin(SnCu3)

Drawing



Dimensions

d:	G1 1/4"
H:	220 mm
h:	39 mm
h1:	181 mm
L:	88 mm
D:	65 mm
B:	97 mm
b:	52 mm
x:	>50 mm
y:	>50 mm
e2:	R1/2

Volume 0.25 ltr
 Dry weight (approx) 1.4 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroVent deaerator G1 1/4" Threaded fitting

Type:

AA125/R007

Date:

6/24/2021

Customer:

Project:

Reference:

Design criteria

Medium:	Acc. supplier info	
Max. flow velocity:	1	m/s
Max. flow rate:	3.60	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	180	°C
Design standard:	EN 13445	

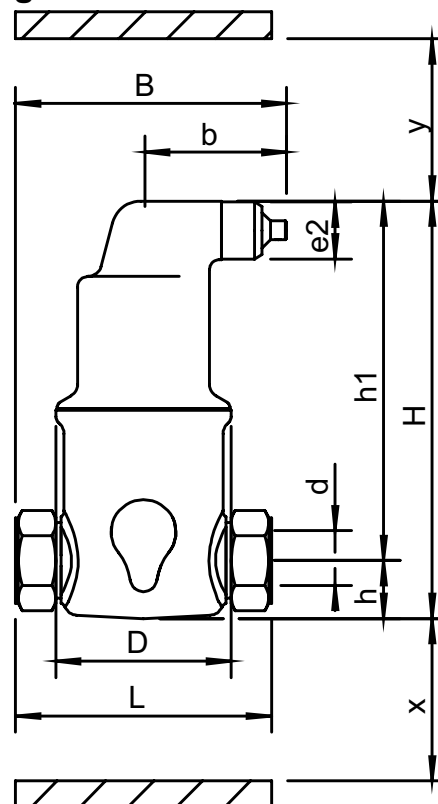
Testing and quality assurance

Leakage test:	no
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no

Construction materials

Body:	AISI316
Deaeration cap:	AISI316
Valve sealing:	Viton
Float:	AISI316
Spirotube Tube:	AISI316
Spirotube Wire:	AISI316
Spirotube Solder:	Tin(SnCu3)

Drawing



Dimensions

d:	G1 1/4"
H:	198 mm
h:	39 mm
h1:	159 mm
L:	88 mm
D:	65 mm
B:	97 mm
b:	52 mm
x:	>50 mm
y:	>50 mm
e2:	R1/2

Volume 0.25 ltr

Dry weight (approx) 1.4 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroVent deaerator G1 1/2" Threaded fitting

Type:

AA150

Date:

11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	1	m/s
Max. flow rate:	5.00	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Design standard:	EN 13445	

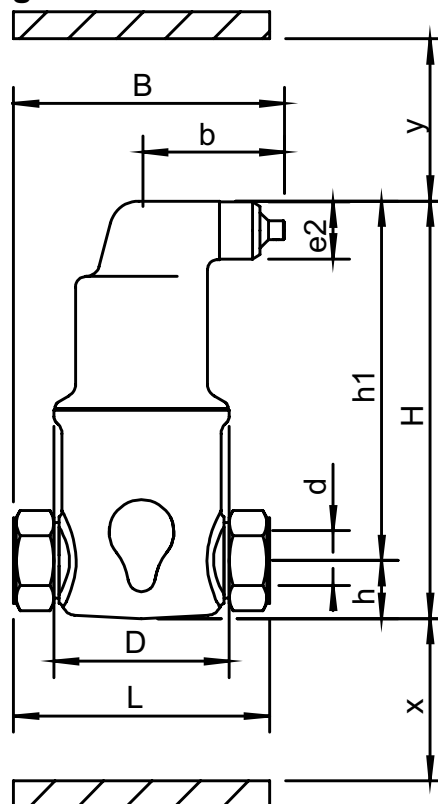
Testing and quality assurance

Leakage test:	no
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no

Construction materials

Body:	Brass
Deaeration cap:	Brass
Valve sealing:	Viton
Float:	PP
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)

Drawing



Dimensions

d:	G1 1/2"
H:	234 mm
h:	42 mm
h1:	192 mm
L:	88 mm
D:	65 mm
B:	97 mm
b:	52 mm
x:	>50 mm
y:	>50 mm
e2:	R1/2

Volume 0.32 ltr
 Dry weight (approx) 1.6 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroVent deaerator G1 1/2" Threaded fitting

Type:

AA150/025

Date:

6/24/2021

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	1	m/s
Max. flow rate:	5.00	m ³ /h
Max. pressure:	25	bar-g
Max. temperature:	150	°C
Design standard:	EN 13445	

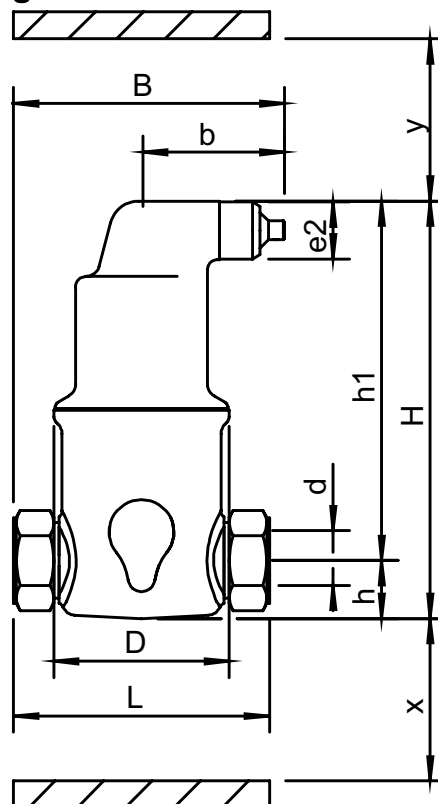
Testing and quality assurance

Leakage test:	yes
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no

Construction materials

Body:	Brass
Deaeration cap:	Brass
Valve sealing:	Viton
Float:	TPX
Spirotube Tube:	Copper
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)

Drawing



Dimensions

d:	G1 1/2"
H:	256 mm
h:	42 mm
h1:	214 mm
L:	88 mm
D:	65 mm
B:	97 mm
b:	52 mm
x:	>50 mm
y:	>50 mm
e2:	R1/2

Volume 0.32 ltr
 Dry weight (approx) 1.9 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroVent deaerator G2" Threated fitting

Type:

AA200

Date:

11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	1	m/s
Max. flow rate:	7.50	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Design standard:	EN 13445	

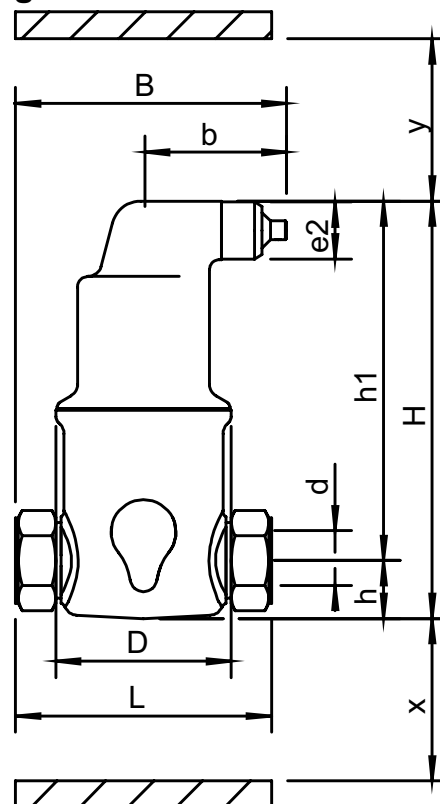
Testing and quality assurance

Leakage test:	yes
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no

Construction materials

Body:	Brass
Deaeration cap:	Brass
Valve sealing:	Viton
Float:	PP
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)

Drawing



Dimensions

d:	G2"
H:	276 mm
h:	59 mm
h1:	217 mm
L:	132 mm
D:	100 mm
B:	119 mm
b:	52 mm
x:	>50 mm
y:	>50 mm
e2:	R1/2

Volume	1.1 ltr
Dry weight (approx)	3.9 kg

Subject to changes