

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN50 Flanged end

Type: HE050F
Date: 11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	25.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	11.7	kPa
Design standard:	EN 13445	

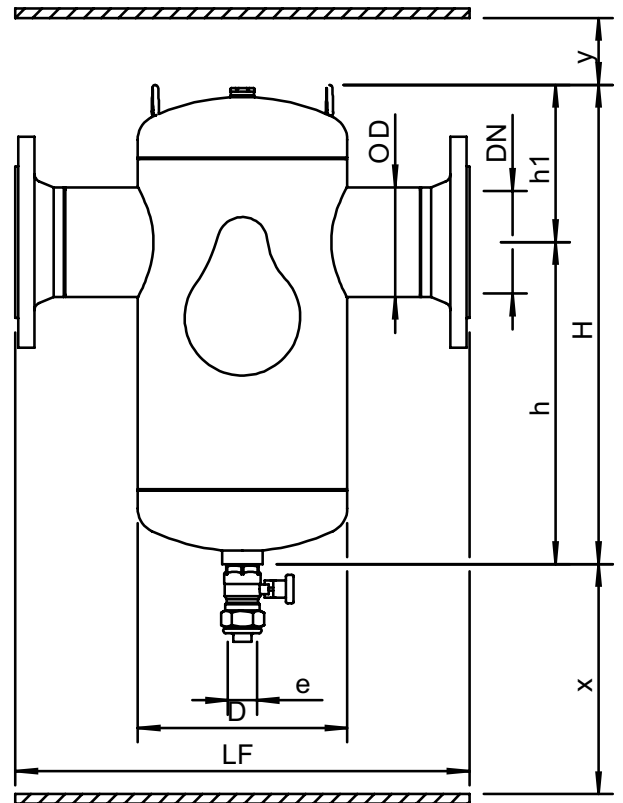
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Flanges (EN 1092-1 PN16):	P250GH
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	50
OD:	60.3 mm
H:	550 mm
h:	430 mm
h1:	121 mm
D:	159 mm
LF:	350 mm
e:	Rp1
x:	>200 mm
y:	>50 mm

Volume:	7 ltr
Dry weight (approx):	17 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN50 Weld end

Type:
Date:

HE050L
11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	25.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	11.7	kPa
Design standard:	EN 13445	

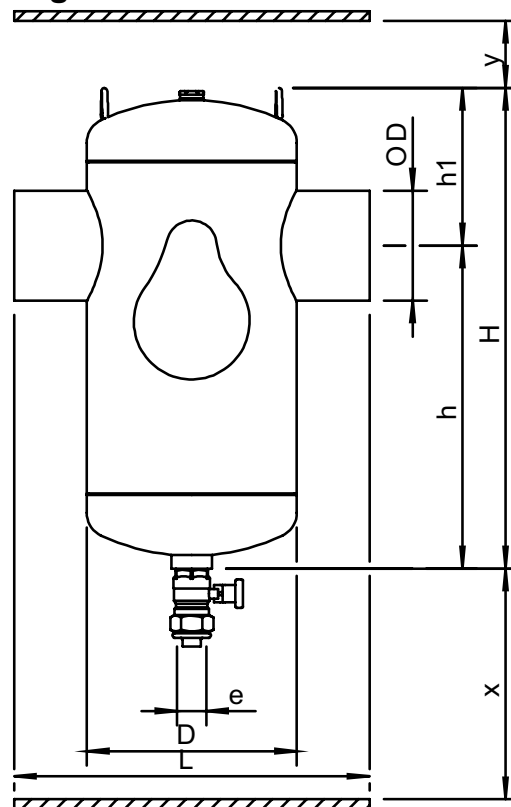
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	50
OD:	60.3 mm
H:	550 mm
h:	430 mm
h1:	121 mm
D:	159 mm
L:	260 mm
e:	Rp1
x:	>200 mm
y:	>50 mm

Volume:	7 ltr
Dry weight (approx):	12 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN65 Flanged end

Type:
Date:

HE065F
11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	40.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	11.9	kPa
Design standard:	EN 13445	

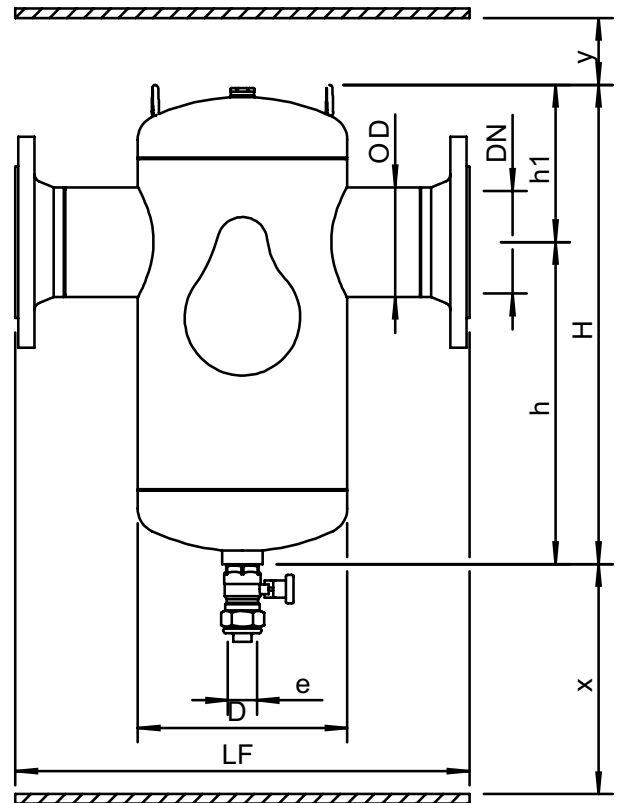
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Flanges (EN 1092-1 PN16):	P250GH
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	65
OD:	76.1 mm
H:	550 mm
h:	420 mm
h1:	129 mm
D:	159 mm
LF:	350 mm
e:	Rp1
x:	>200 mm
y:	>50 mm

Volume:	7 ltr
Dry weight (approx):	18 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN65 Weld end

Type:
Date:

HE065L
11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	40.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	11.9	kPa
Design standard:	EN 13445	

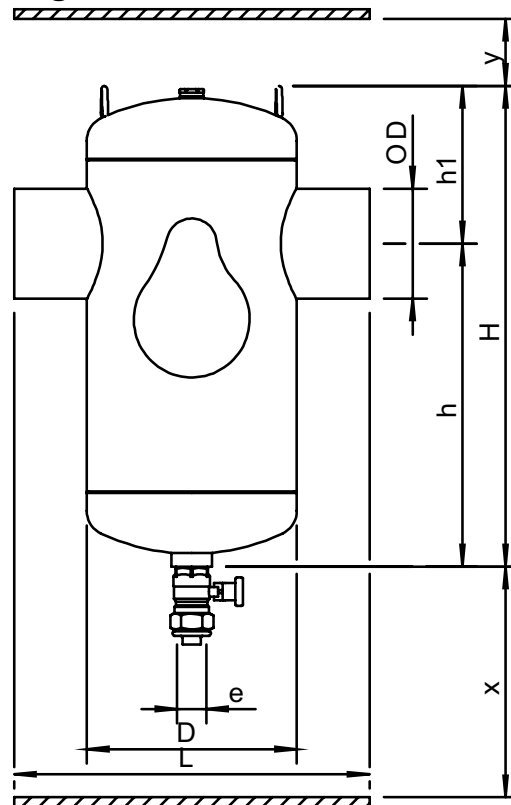
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	65
OD:	76.1 mm
H:	550 mm
h:	420 mm
h1:	129 mm
D:	159 mm
L:	260 mm
e:	Rp1
x:	>200 mm
y:	>50 mm

Volume:	7 ltr
Dry weight (approx):	12 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN80 Flanged end

Type:
Date:

HE080F
11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	54.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	12.4	kPa
Design standard:	EN 13445	

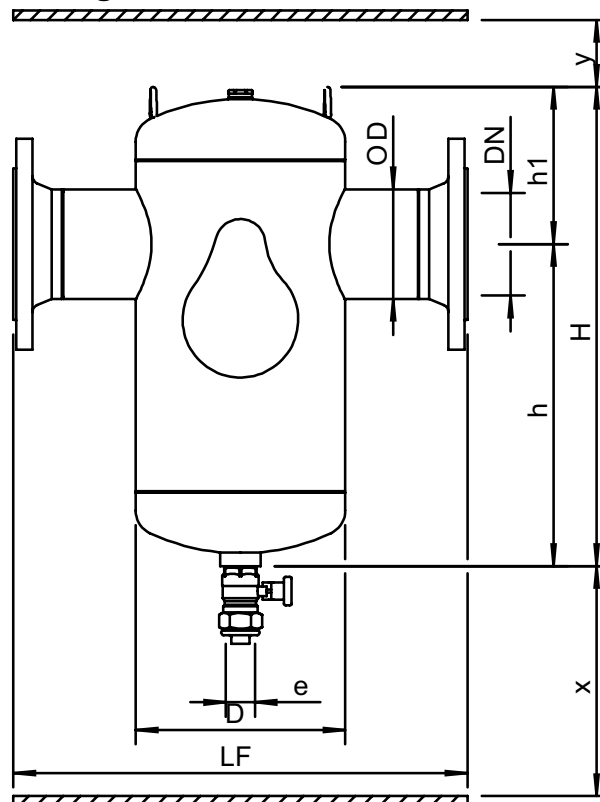
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Flanges (EN 1092-1 PN16):	P250GH
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	80
OD:	88.9 mm
H:	700 mm
h:	550 mm
h1:	148 mm
D:	219 mm
LF:	470 mm
e:	Rp1
x:	>200 mm
y:	>50 mm

Volume:	25 ltr
Dry weight (approx):	31 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN80 Weld end

Type:
Date:

HE080L
11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	54.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	12.4	kPa
Design standard:	EN 13445	

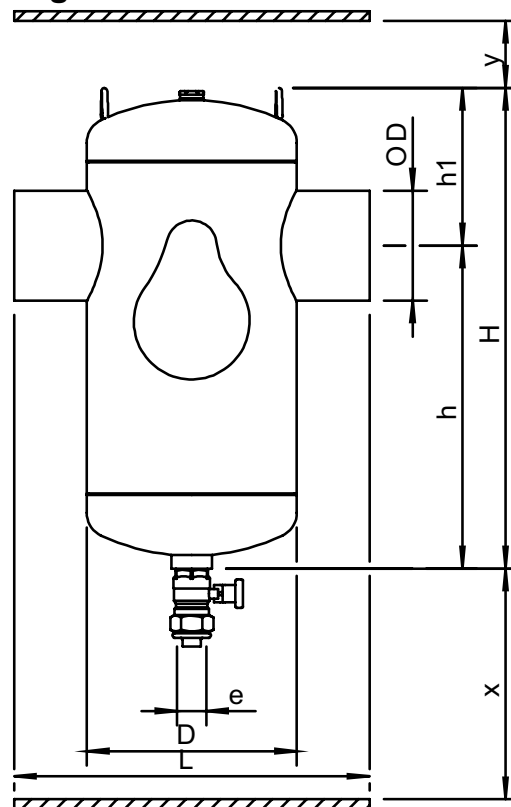
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	80
OD:	88.9 mm
H:	700 mm
h:	550 mm
h1:	148 mm
D:	219 mm
L:	370 mm
e:	Rp1
x:	>200 mm
y:	>50 mm

Volume:	25 ltr
Dry weight (approx):	23 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN100 Flanged end

Type:
Date:

HE100F
11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	94.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	14.8	kPa
Design standard:	EN 13445	

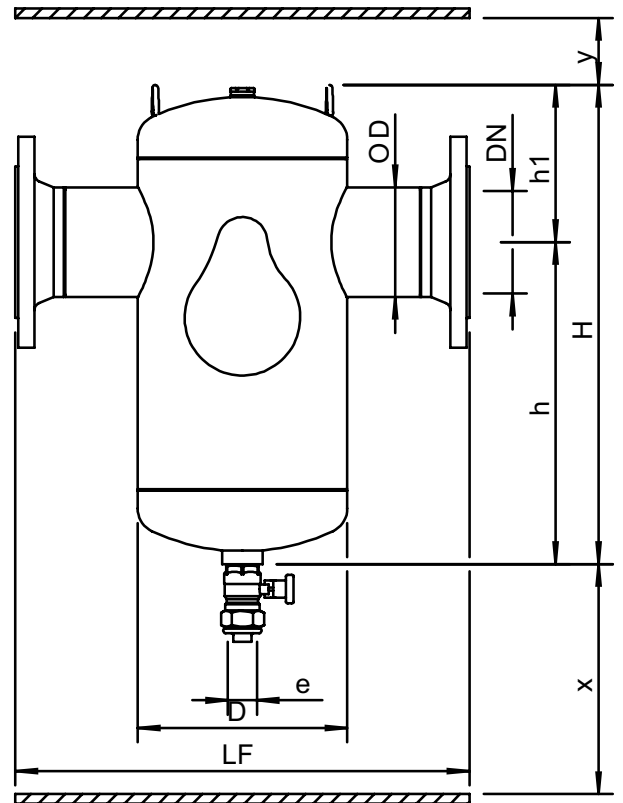
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Flanges (EN 1092-1 PN16):	P250GH
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	100
OD:	114.3 mm
H:	700 mm
h:	540 mm
h1:	160 mm
D:	219 mm
LF:	475 mm
e:	Rp1
x:	>200 mm
y:	>50 mm

Volume:	25 ltr
Dry weight (approx):	33 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN100 Weld end

Type:
Date:

HE100L
11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	94.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	14.8	kPa
Design standard:	EN 13445	

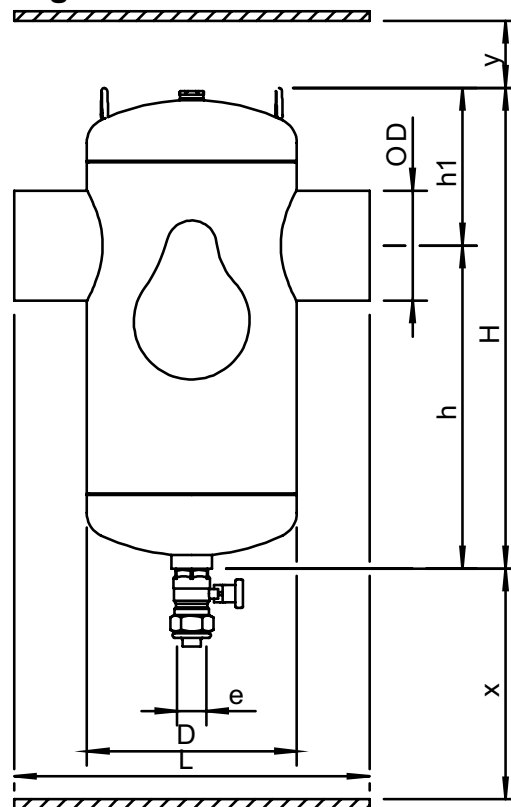
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	100
OD:	114.3 mm
H:	700 mm
h:	540 mm
h1:	160 mm
D:	219 mm
L:	370 mm
e:	Rp1
x:	>200 mm
y:	>50 mm

Volume:	25 ltr
Dry weight (approx):	24 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN125 Flanged end

Type:
Date:

HE125F
11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	144.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	16.8	kPa
Design standard:	EN 13445	

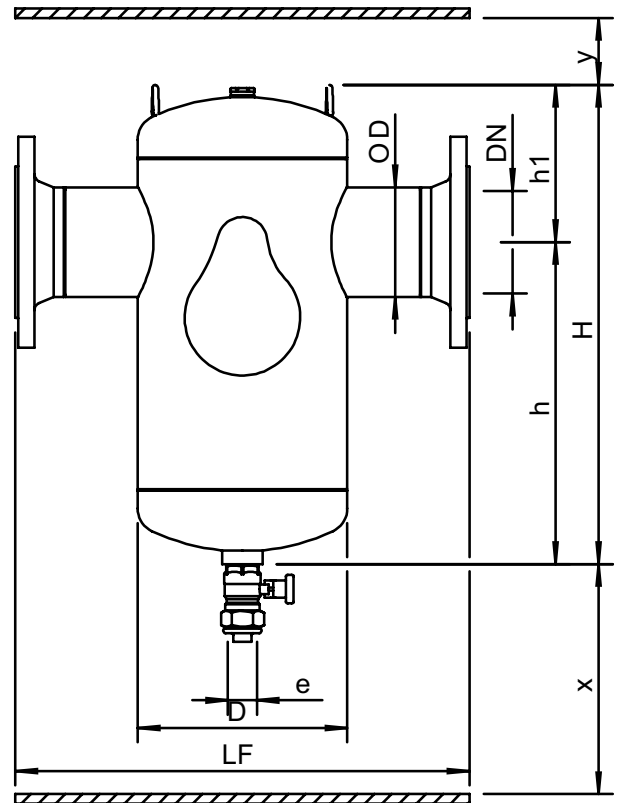
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Flanges (EN 1092-1 PN16):	P250GH
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	125
OD:	139.7 mm
H:	950 mm
h:	755 mm
h1:	193 mm
D:	324 mm
LF:	635 mm
e:	Rp1
x:	>200 mm
y:	>50 mm

Volume:	75 ltr
Dry weight (approx):	71 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN125 Weld end

Type:
Date:

HE125L
11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	144.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	16.8	kPa
Design standard:	EN 13445	

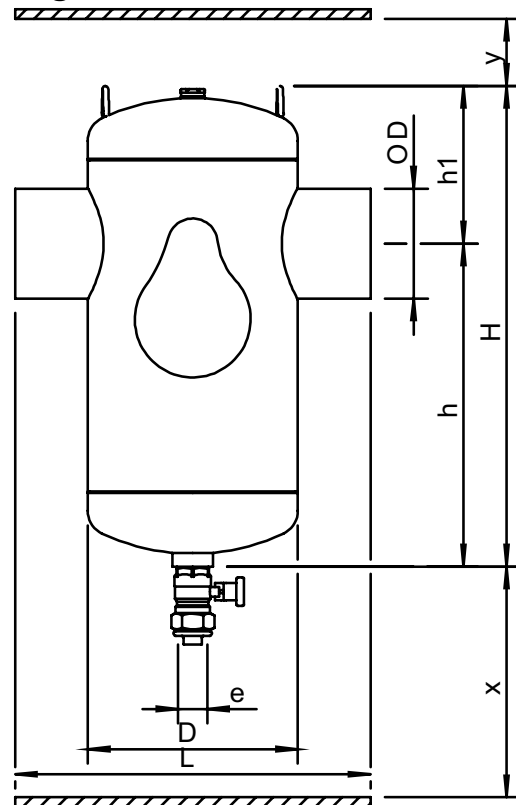
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	125
OD:	139.7 mm
H:	950 mm
h:	755 mm
h1:	193 mm
D:	324 mm
L:	525 mm
e:	Rp1
x:	>200 mm
y:	>50 mm

Volume:	75 ltr
Dry weight (approx):	58 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN150 Flanged end

Type:
Date:

HE150F
11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	215.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	19.3	kPa
Design standard:	EN 13445	

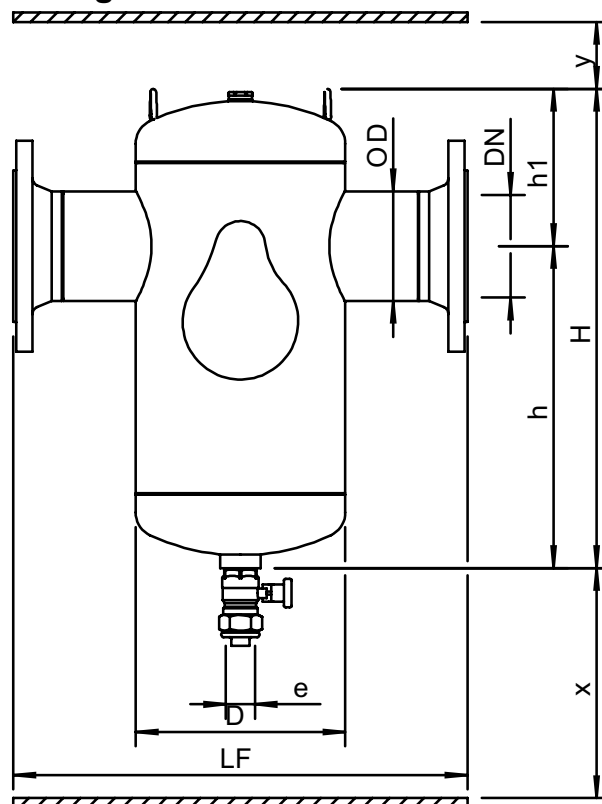
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Flanges (EN 1092-1 PN16):	P250GH
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	150
OD:	168.3 mm
H:	950 mm
h:	740 mm
h1:	207 mm
D:	324 mm
LF:	635 mm
e:	Rp1
x:	>200 mm
y:	>50 mm

Volume:	75 ltr
Dry weight (approx):	73 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN150 Weld end

Type:
Date:

HE150L
11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	215.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	19.3	kPa
Design standard:	EN 13445	

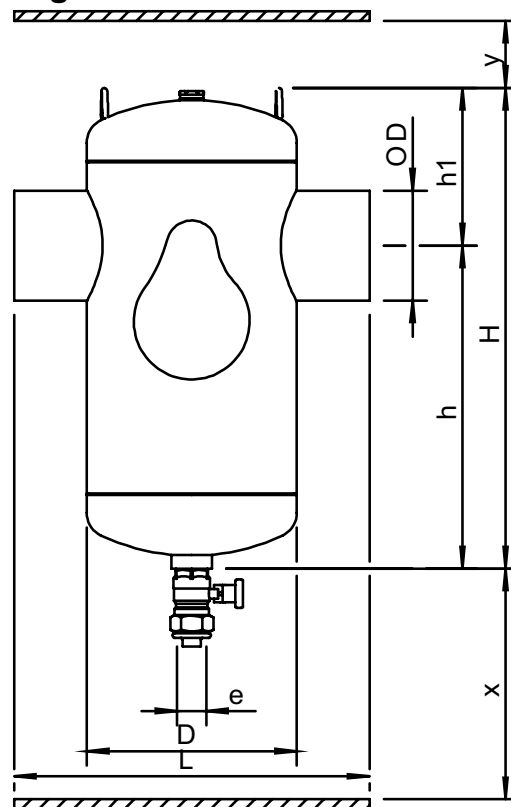
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	150
OD:	168.3 mm
H:	950 mm
h:	740 mm
h1:	207 mm
D:	324 mm
L:	525 mm
e:	Rp1
x:	>200 mm
y:	>50 mm

Volume:	75 ltr
Dry weight (approx):	59 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN200 Flanged end

Type: HE200F
Date: 11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	360.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	23.2	kPa
Design standard:	EN 13445	

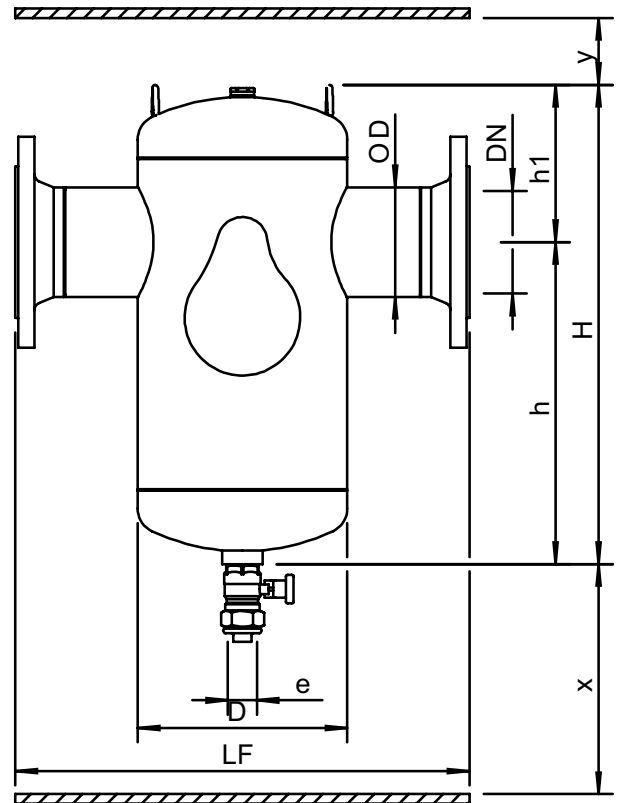
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Flanges (EN 1092-1 PN16):	P250GH
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	200
OD:	219.1 mm
H:	1240 mm
h:	955 mm
h1:	280 mm
D:	406 mm
LF:	775 mm
e:	Rp1
x:	>200 mm
y:	>50 mm

Volume:	150 ltr
Dry weight (approx):	136 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN250 Flanged end

Type:
Date:

HE250F
11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	575.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	27.7	kPa
Design standard:	EN 13445	

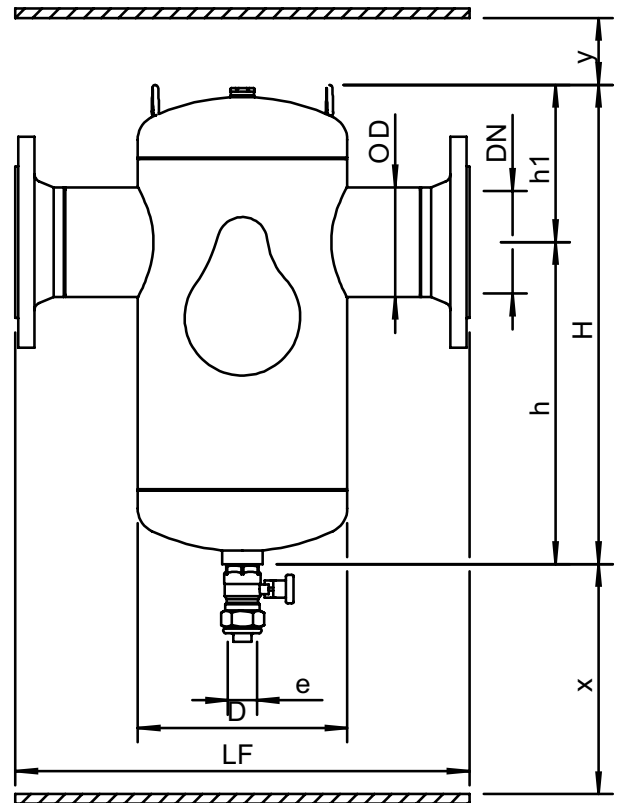
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Flanges (EN 1092-1 PN16):	P250GH
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	250
OD:	273 mm
H:	1670 mm
h:	1300 mm
h1:	364 mm
D:	508 mm
LF:	890 mm
e:	Rp2
x:	>200 mm
y:	>50 mm

Volume:	300 ltr
Dry weight (approx):	213 kg

Subject to changes

SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow
DN300 Flanged end

Type:
Date:

HE300F
11/19/2019

Customer:

Project:

Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Max. flow velocity:	3	m/s
Max. flow rate:	810.0	m ³ /h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at max. flow:	31.1	kPa
Design standard:	EN 13445	

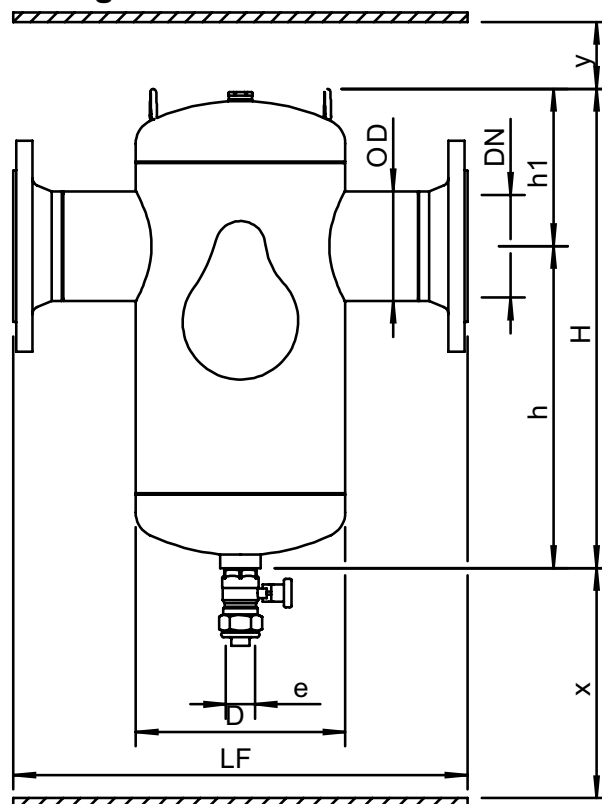
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	yes
Material certificates (structural parts):	no
Drawing:	no
Weld procedures:	no
Nondestructive Testing (X-ray: 10%):	no
Notified body inspection:	no

Construction materials

Body:	S235 JR G2 (St.37)
Connections:	S235 JR G2 (St.37)
Fittings:	S235 JR G2 (St.37)
Flanges (EN 1092-1 PN16):	P250GH
Heads:	S235 JR G2 (St.37)
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	300
OD:	323.9 mm
H:	1980 mm
h:	1550 mm
h1:	426 mm
D:	610 mm
LF:	1005 mm
e:	Rp2
x:	>200 mm
y:	>50 mm

Volume:	500 ltr
Dry weight (approx):	393 kg

Subject to changes