

# SPIROTECH SPECIFICATION SHEET



Product: SpiroTrap Hi-flow Demountable  
DN80 Weld end

Type:  
Date:

HF080L  
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 <sup>3</sup> /h |
| Max. pressure:      | 10                       | bar-g             |
| Max. temperature:   | 110                      | °C                |
| Δp at max. flow:    | 12.4                     | kPa               |
| Design standard:    | EN 13445                 |                   |

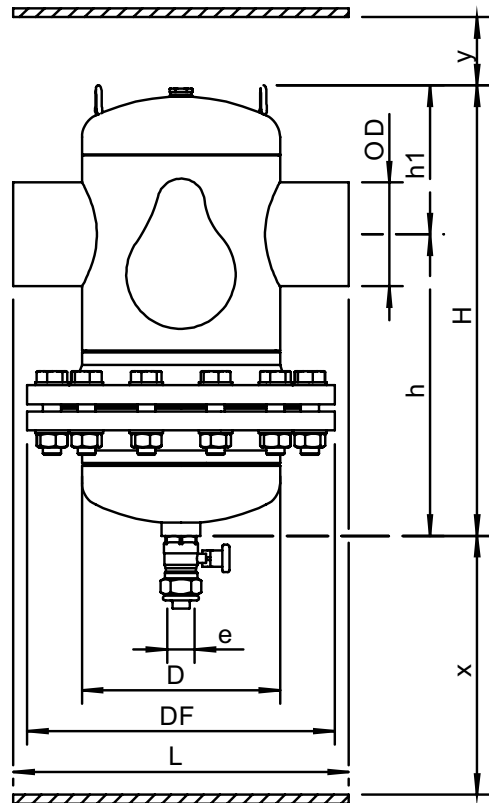
## Testing and quality assurance

|                                           |     |
|-------------------------------------------|-----|
| 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 demountable: | P250GH             |
| Flange packing:      | Novapress 815      |
| 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  |
| DF: | 340 mm  |
| L:  | 370 mm  |
| e:  | Rp1     |
| x:  | >700 mm |
| y:  | >50 mm  |

|                      |        |
|----------------------|--------|
| Volume:              | 25 ltr |
| Dry weight (approx): | 50 kg  |

Subject to changes