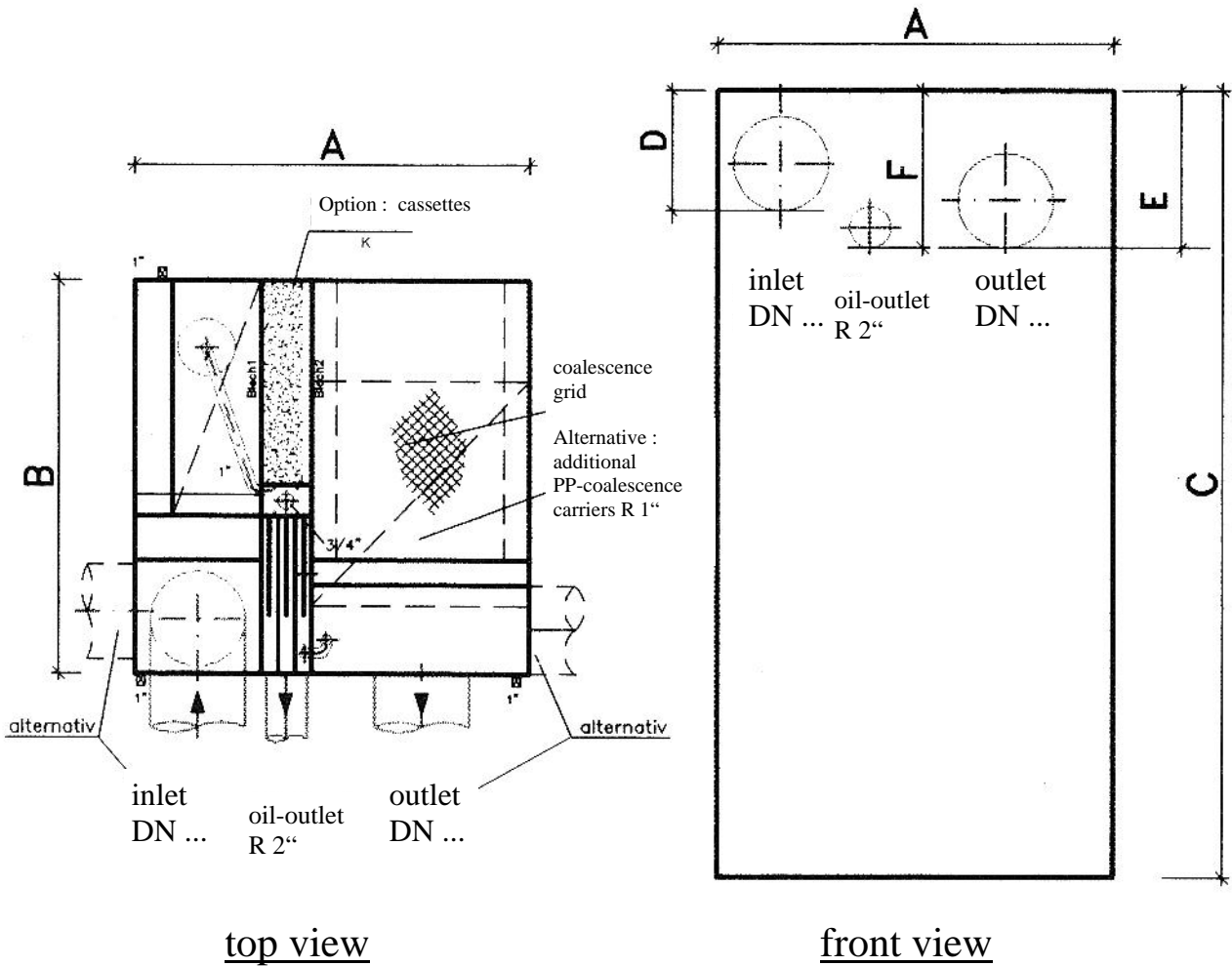


# AWAS-HI-1999

## Universal Separator

### Technical Data



top view

front view

**AWAS-HI-1999 universal separator made of stainless steel  
for free standing installation  
- coalescence separator as per DIN 1999 ,part 4-6 and EN 858 - class 1 -**

NS	Lenght A	Width B	Height C	Invert level D	Outlet E	oil-outlet depth F	DN in-/ outlet	Coalescing device		
								2 grids	Oil tank incorporated	PP- coalescence carriers
1,5	500	500	750	140	190	215	100/100	X		
2	500	500	750	140	190	215	100/100	X		
3	625	625	1250	205	255	255	150/150	X		
4	625	625	1250	205	255	255	150/150	X		X
6	1200	750	1250	210	260	310	150/150	X		
8	1200	750	1250	210	260	310	150/150	X		X
12	1200	1800	1250	210	310	310	200/200	X	200 l	
16	1200	1800	1250	210	310	310	200/200	X	300 l	X

## AWAS-HI-1999-E

Universal Separator to separate free oil from water, free standing installation, separator made of stainless steel

Successfully tested ac. to EN 858 part I with less than 5mg/l final oil content  
type approval number Z-54.8-169

### نقش NS 1,5

- performance: 1,5 l/s
- tested with 1,7 mg/l final content of hydrocarbons\*
- In- /Outlet DN 100
- LxWxH: 500x500x750 mm

### نقش NS 4

- performance: 4 l/s with PP coalescence carriers 5/8"
- tested with 1,7 mg/l final content of hydrocarbons
- In- /Outlet DN 150
- LxWxH: 625x625x1250 mm

### نقش NS 12

- performance: 12 l/s
- 2x NS 6 welded together with incorporated oil collecting tank.
- In- /Outlet DN 200
- LxWxH: 1200x1800x1250 mm

### نقش NS 2

- performance: 2 l/s
- tested with 3,6 mg/l final content of hydrocarbons\*
- In- /Outlet DN 100
- LxWxH: 500x500x750 mm

### نقش NS 6

- performance: 6 l/s
- tested with 3,2 mg/l final content of hydrocarbons\*
- In- /Outlet DN 150
- LxWxH: 750x1200x1250 mm

### نقش NS 16

- performance: 16 l/s
- 2x NS 8 welded together with incorporated oil collecting tank.
- In- /Outlet DN 200
- LxWxH: 1200x1800x1250 mm

### نقش NS 3

- performance: 3 l/s
- tested with 2,3 mg/l final content of hydrocarbons\*
- In- /Outlet DN 150
- LxWxH: 625x625x1250 mm

### نقش NS 8

- performance: 8 l/s with PP coalescence carriers 5/8"
- tested with 0,9 mg/l final content of hydrocarbons
- In- /Outlet DN 150
- LxWxH: 750x1200x1250 mm

- \*hydrodynamic coalescence effect without the need of filter material
- oil free surface, oil collecting system without the need of any electrically or mechanically actuated devices (= coalescence effect by rotating water flow between grids)
- oil discharge coupling R 2"
- adjustable oil thrust pipe
- lid made of PE with handle
- height adjustable feet (10cm)
- bottom drain valve

## Options:

### 1. Sludge trap

Ac. to DIN 1999 / EN 858, a sludge trap with adequate size has to be set upstream of the separator.  
Sludge trap made of HDPE, alternatively stainless steel. Lid with handle made of HDPE

### 2. Oil collecting tank

Made of HDPE, alternatively stainless steel, with connection R2. Lid made of HDPE  
Stainless steel tank can also be welded to separator

### 3. Oil alarm device

24V level alarm device with audible alarm.  
Level control installed in the oil collecting tank, panel to be mounted outside.  
LxWxH: 133x130x165 mm approx.

### 4. Coalescence cassettes

To optimize the coalescence effect for a higher hydrocarbon concentration at the inlet.