

# Horizontal Cyclonic Separators

Separation : Liquid/Solid  
Equipment : CYCLONE  
Media : permanent  
Cyclonic separation

## Applications:

Separation of high density solids suspended in a low viscosity fluid (water). These units are offered in horizontal or sloped position for limited height requirement.

## Micron rating:

50 to 100 microns, according to specific weight difference between fluid and solid.  
Maximum acceptable particle size in feed: 9mm.

**Operating pressure:** 9 bar standard.

## Flow rate in m<sup>3</sup>/h:

see following table for standard series.

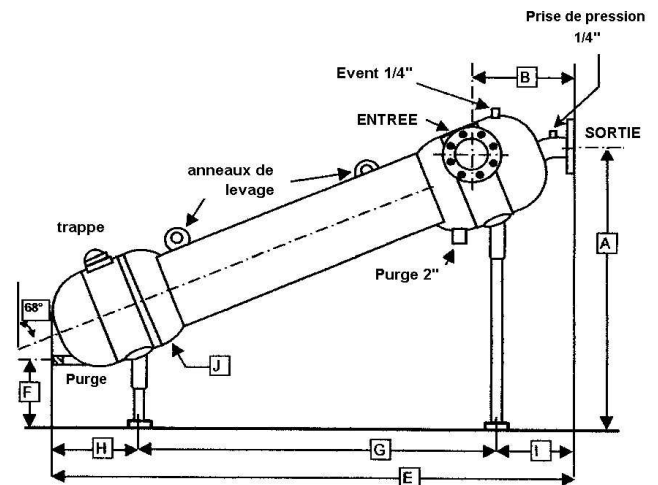
## Pressure drop :

from 0.4 bar (minimum flow-rate) to 0.9 bar (maximum flow-rate)

## Advantage : No moving part, Low cost

**A system range from 60 m<sup>3</sup>/h to 2700 m<sup>3</sup>/h for horizontal systems**

**From DN100 (4") to DN 500 (20").**



Types	Flow rate m3/h	Weight	A	E	E/S
SLI 100	60 à 120	200	1130	1610	DN 100
SLI 150	110 à 200	270	1320	2100	DN 150
SLI 200	170 à 270	290	1320	2100	DN 150
SLI 300	230 à 380	375	1520	2400	DN 200
SLI 500	380 à 700	555	1720	2800	DN 250
SLI 900	590 à 1150	760	2100	3300	DN 300
SLI 1100	700 à 1300	1050	2400	3650	DN 350
SLI 1300	900 à 1700	1500	2900	4300	DN 400
SLI 1700	1200 à 2100	1550	3100	4600	DN 450
SLI 2200	1800 à 2700	1650	3400	5200	DN 500

## Minimum required data for enquiry:

Type of fluid and application.  
Nominal and design pressure.

Nominal and design flow capacity  
Required micron rating.