



# Systeme qualite

M.A.J : 15/12/2014  
Réf : ATEX EN-R2-11  
Indice : f  
Page : 2/4

## SIZING OF VIGIL'EX VENT PANELS

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Customer:  Ref.:

The elements necessary for the sizing of the vent panels are as follows:

#### ENVIRONMENT:

Working Temperature:  °C

Working pressure:  (mbar) / Working vacuum  (mbar)

Language of user's country: \_\_\_\_\_

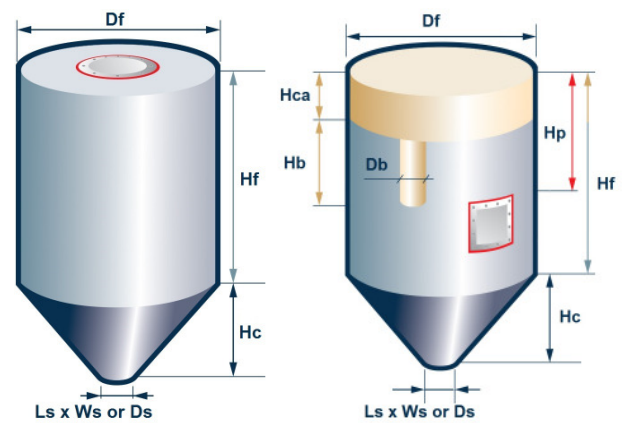
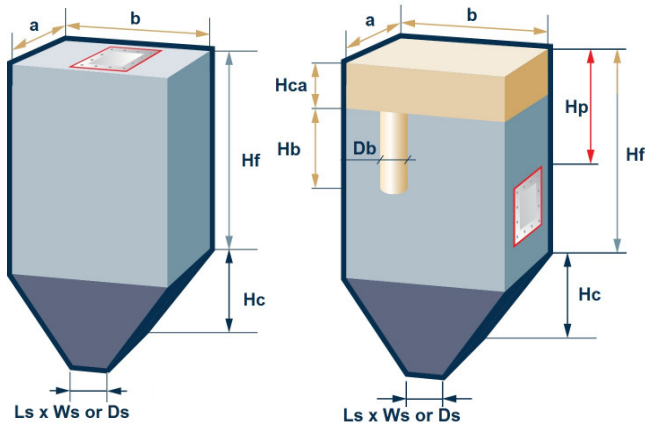
#### PRODUCT :

Type: Dust  / Gas  Name :

Max explosion pressure Pmax  (bar)

Max explosion index (Dust) Kst  (bar.m/s) Max explosion index (Gas) Kg  (bar.m/s)

#### DIMENSION:



#### SQUARE / RECTANGULAR

Section a x b  x  (m)

Height of the body Hf  (m)

Height of the hopper Hc  (m)

Outlet section Ls x Ws  x  (m)

#### ROUND

Diameter Df  (m)

Height of the body Hf  (m)

Height of the hopper Hc  (m)

If round : Ds  (m)

#### FILTERS

Height of clean air Hca  (m)

Qty of bag Nb

Height of the bags Hb  (m)

Bag Diameter Db  (m)

Height of the panel Hp  (m)

#### GENERAL PARAMETERS:

Pressure strength of the vessel P:  (bar)

Length of the extracting pipe Lc (if necessary)  (m)

We can carry out a dimensioning with incomplete data, while estimating, in a reasonable way, the missing parameters, however the result will engage the customer who will have accepted these estimates.