



- ✓ **Modular Range of particles separators manufactured 100% in HDPE.** It separates the particles from the flow rate through the centrifugal force and gravity action.
- ✓ High resistance to the abrasion. Safety and strength
- ✓ Minimal maintenance.
- ✓ Possibility to install it in series with discs or screen filtration systems, to reduce the flushing number, the maintenance, and to extended the useful life of the filtration system.
- ✓ Wide range of working flow rates.
- ✓ Available in flange, grooved and BSP male thread.
- ✓ Fast and easy installation.
- ✓ Its functionality depends on the particle size to separate and flow to filter. AZUD CYCLONE SEPARATOR is specially designed for maximum efficiency with minimum pressure drop.

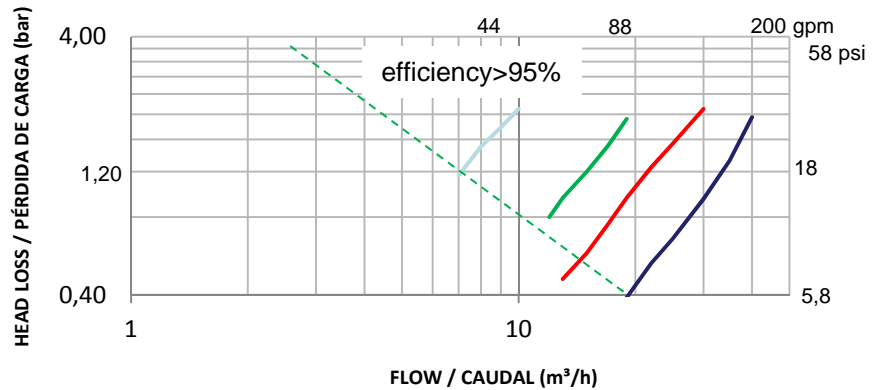
When the flow rate is introduced on each AZUD CYCLONE SEPARATOR element, it follows an espiral trajectory to the bottom, raising next by the central zone, but discharged of the high quantity of particles carried out by the flow rate

CYCLONE SEPARATOR SEPARADOR CICLONICO

AZUD

AZUD CYCLONE SEPARATOR

It reaches **more than the 95% of efficiency**, with particles of 2,5-3 g/cm³, depending on the size of particle and the flow rate.



— AZUD CS 1" — AZUD CS 1 1/2" — AZUD CS 2" — AZUD CS 2 1/2"

MATERIALS

Housing

HDPE Housing

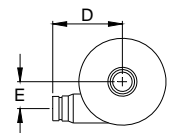
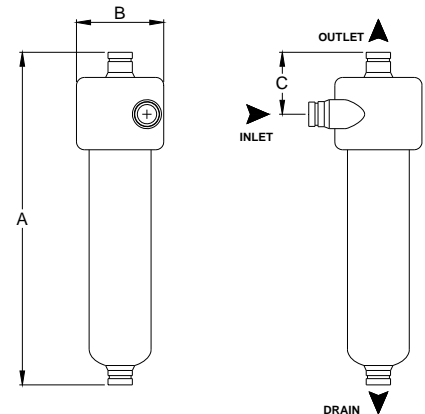
Maximum Working pressure

10 bar
145 psi

MANUFACTURER RECOMMENDATION

The flow rate per element conditions the efficiency. When, designing, the efficiency of the separation, the particles size and the flow rate per AZUD CS module must be taken into account.

Models	Dimensions										Volume	
	A		B		C		D		E		L	galon
	mm	in	mm	in	mm	in	mm	in	mm	in		
1"	850	33	178	7	130	5	150	6	60	2	2,1	0,55
1 1/2"	860	34	178	7	140	6	160	6	55	2	2,1	0,55
2"	960	38	222	9	160	6	180	7	70	3	3,7	0,98
2 1/2"	1040	41	222	9	160	6	200	8	63	2	3,7	0,98



Inlet-outlet connection BSP male thread, grooved or flange.

Drainage Connection 1" BSP

Other configurations in www.azud.com

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