

Hydrocyclone

The hydrocyclone must always be placed in a vertical position. It can be automatic thanks to a cleaning kit. Hydrocyclone systems are suitable for highly contaminated water, as a previous filtration.



Hydrocyclone 4"

Hidrociclón



TECHNICAL DATA

SYSTEM

The filtration is produced by the capture of particles with specific weight greater than water, by the centrifugal force that causes these particles to spin at high speed onto the filter walls in a tangential direction. Thanks to this, the particles remain retained due to his specific weight, which turns out to be superior to that of the water.

CONSTRUCTION MATERIALS

Body: carbon steel.

STEEL SURFACE TREATMENT

The steel elements are treated internally and externally and an impregnation of NANOTECHNOLOGY. After that, the elements are painted by electrostatic spraying powder paint, epoxy polyester.

FILTERING ELEMENT

High speed centrifugal water pressure.

CLEANING

These systems, which separate the dirt from the water, doesn't need any disassemble for cleaning. Dirt accumulates in the purge chamber and must be removed regularly and often.

The cleaning can be performed manually with the use of a single key, or automatically with the incorporation of an automatic cleaning kit.

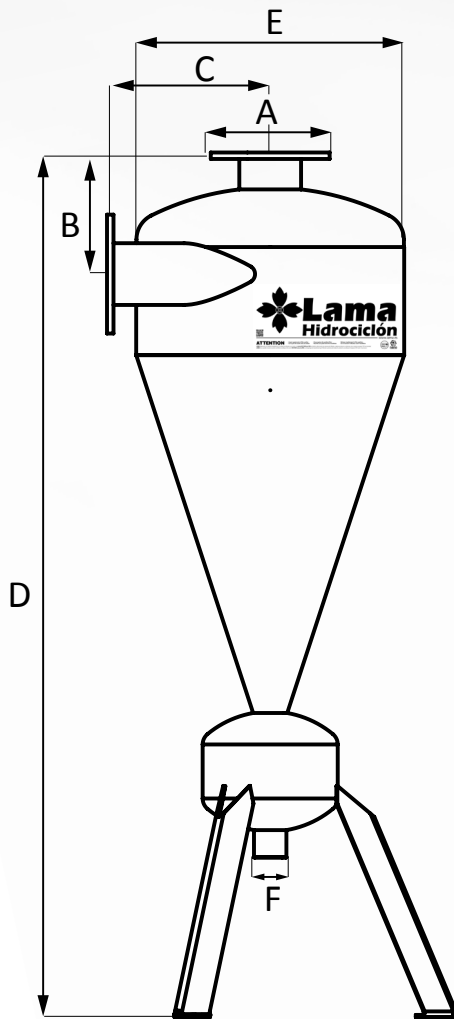
PRESSURES

Max. pressure: 10 kg/cm²

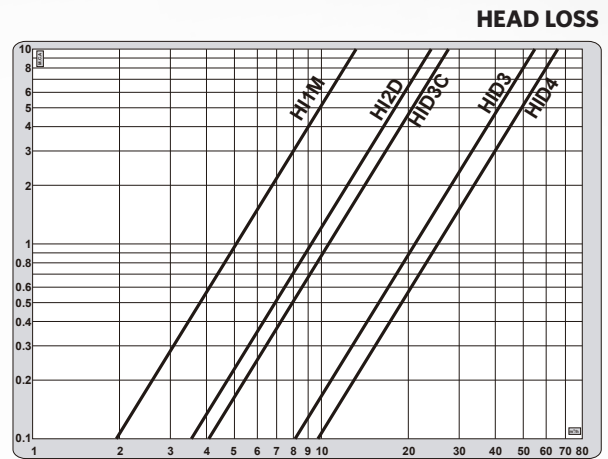
Testing pressure: 15 kg/cm²

FEATURES

A simple, user-friendly and economic system. Superior to other filtration systems, hydrocyclones guarantee optimal results for sand extraction.



Hydrocyclone 4"



A	B (mm)	C (mm)	D (mm)	E (mm)	Net Weight (Kg)	Gross Weight (Kg)	Package volume (m³)	Limit Flow (m³/h)	Description	Code
1½" Thread M	102	130	462	168	9,20	9,20	0,06	12	1½" Hydrocyclone	HI1M
2" Vic	140	185	1.057	250	21,80	21,80	0,35	22	2" Hydrocyclone Vic	HID2P
2" Thread M	200	245	1.117	250	21,80	21,80	0,35	22	2" Hydrocyclone + Thread	HI2EP
3" Flange	165	210	1.208	300	29,80	49,80	0,56	25	3" Hydrocyclone	HID3CP
3" Flange	200	313	1.600	500	50,60	76,60	1,14	50	3" Hydrocyclone	HID3P
4" Flange	225	302	1.600	500	50,60	76,60	1,14	60	4" Hydrocyclone	HID4P
Automatic cleaning kit 2" 220V (Valve, timer, transformer, solenoid and filter) for one hydrocyclone										KL2C
Automatic cleaning kit 2" batteries (Valve, programmer, solenoid and filter) for one hydrocyclone										KL2MO
Hydrocyclone support 1½"										SH1M

Flow Limit 4m H.D.	Max. recommended flow (m³/h)	Description	Code without drainage collector	Code with drainage collector
32	44	Station made by 2 HID2 Ø4"	HID2PX2	HID2P2D
74	100	Station made by 2 HID3 Ø6"	HID3PX2	HID3P2D
111	150	Station made by 3 HID3 Ø6"	HID3PX3	HID3P3D
148	200	Station made by 4 HID3 Ø8"	HID3PX4	HID3P4D
222	300	Station made by 6 HID3 Ø10"	HID3PX6	HID3P6D
90	120	Station made by 2 HID4 Ø6"	HID4PX2	HID4P2D
135	180	Station made by 3 HID4 Ø8"	HID4PX3	HID4P3D
180	240	Station made by 4 HID4 Ø8"	HID4PX4	HID4P4D
270	360	Station made by 6 HID4 Ø10"	HID4PX6	HID4P6D