

TECHNICAL DATA

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.



SYSTEM CONSTRUCTION MATERIALS

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

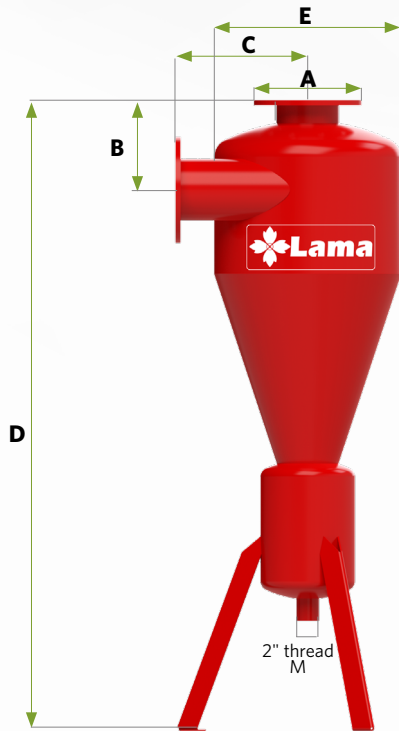
Testing pressure: 15 kg/cm²

FEATURES

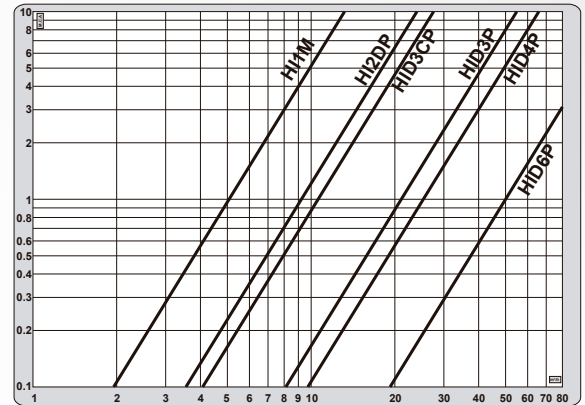
A simple, user-friendly and economic system. Superior to other filtration systems, hydrocyclones guarantee optimal results for sand extraction.



HYDROCYCLONES



HEAD LOSS



A (Ø)	B (mm)	C (mm)	D (mm)	E (mm)	Net Weight (kg)	Gross Weight (kg)	Package Volume (m ³)	Limit Flow (m ³ /h)	Description	Code
1½" M Thread	102	130	462	168	9,20	9,20	0,06	12	Hydrocyclone 1½" (without legs)	HI1M
2" Vic	140	185	1.057	250	21,80	21,80	0,35	22	Hydrocyclone 2" "Vic"	HID2P
2" M Thread	200	245	1.117	250	21,80	21,80	0,35	22	Hydrocyclone 2" + Thread	HI2EP
3" Flange	165	210	1.208	300	29,80	49,80	0,56	25	Hydrocyclone 3"	HID3CP
3" Flange	200	313	1.600	500	50,60	76,60	1,14	50	Hydrocyclone 3"	HID3P
4" Flange	225	302	1.600	500	50,60	76,60	1,14	60	Hydrocyclone 4"	HID4P
6" Flange	225	302	1.600	500	50,60	90,50	1,14	75	Hydrocyclone 6"	HID6P
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

Max. Recommended Flow (m ³ /h)	Description			Without Drainage Collector	With Drainage Collector
	Nº Filter	Code	Dimensions	Code	Code
44	2	HID2	Ø4"	HID2PX2	HID2P2D
100	2	HID3	Ø6"	HID3PX2	HID3P2D
150	3	HID3	Ø6"	HID3PX3	HID3P3D
200	4	HID3	Ø8"	HID3PX4	HID3P4D
300	6	HID3	Ø10"	HID3PX6	HID3P6D
120	2	HID4	Ø6"	HID4PX2	HID4P2D
180	3	HID4	Ø8"	HID4PX3	HID4P3D
240	4	HID4	Ø8"	HID4PX4	HID4P4D
360	6	HID4	Ø10"	HID4PX6	HID4P6D