

LUXON AZUD

LEM

Automatic screen filters, with electric control. Suitable to high flow rates, specially developed to industrial or urban applications. Small footprint.



ADVANTAGES:

Versatility: Range from 8" to 40".

Wide filtration range: Grades from 10 to 1000 micron.

Wide filtering surface: until 85.200 cm²/ 13.200 in².

Energetic efficiency: The consumption in the flushing cycle is minimal.

Resistant material: Four layer screen made in high quality stainless steel resistant to corrosion.

Low Maintenance: The lid reduces the labours when opening the filter.

Time saving: The filtration process continues simultaneously to the flushing cycle.

Easiness in the installation: The filters are delivered ready to be installed.

Control Unit Included. Total autonomy of the system. Configurable in several languages.

AZUD LUXON is the screen filtration range covering the agricultural, industrial and urban requirements. It allows the application from low flow rates to high volumes, being compatible with aggressive environments or high pressures.

LUXON AZUD

LEM

FILTRATION: Max flow / filter

The maximum flow rate per filter depends on the selected filtration grade and the quality of water.

Model	Max flow		Inlet – Outlet Flange	
	m ³ /h	gpm	"	mm
AZUD LUXON LEM 26400 S	2.400	10.560	24	600
AZUD LUXON LEM 39700 S	3.500	15.400	28	700
AZUD LUXON LEM 42600 S	3.800	16.720	30	750
AZUD LUXON LEM 53000 S	4.800	21.120	36	900
AZUD LUXON LEM 64000 S	5.700	25.080	36	900
AZUD LUXON LEM 85200 S	7.700	33.880	40	1.000

Maximum Pressure 10 bar / 145 psi

Minimum Pressure 2 bar / 29 psi

Maximum Temperature 60°C / 140 F

Operation voltage 220 V / 380 V / 440 V single-phase (50 Hz/60Hz)

All models are with flange connections. DIN 2576.

Ask for the rest of configurations in www.azud.com.

Model	FILTRATION				Inlet – Outlet Flange	
	Max flow		Filtering Surface		"	mm
	m ³ /h	gpm	cm ²	in ²		
125 micron						
AZUD LUXON LEM 26400 S/16	1.100	4.840	26.420	4.100	16"	400
AZUD LUXON LEM 39700 S /20	1.700	7.480	39.630	6.150	20"	500
AZUD LUXON LEM 42600 S /20	1.800	7.920	42.600	6.600	20"	500
AZUD LUXON LEM 53000 S /24	2.200	9.680	52.840	8.200	24"	600
AZUD LUXON LEM 64000 S /24	2.700	11.880	63.900	9.900	24"	600
AZUD LUXON LEM 85200 S /28	3.500	15.400	85.200	13.200	28"	700

Maximum recommended flow rate : 125 micron and water good quality.

Ask for other filtration grades in www.azud.com.



Model	Power consumption	Power installed
	A	kW
AZUD LUXON LEM 26400 S	2,8	0,74
AZUD LUXON LEM 39700 S	4,2	1,11
AZUD LUXON LEM 42600 S	2,8	0,74
AZUD LUXON LEM 53000 S	5,6	1,48
AZUD LUXON LEM 64000 S	4,2	1,11
AZUD LUXON LEM 85200 S	5,6	1,48

MATERIAL

Housing of the filter	Carbon steel epoxy-polyester coated (S-235-JR EPOXY-POLYESTER coated)
Filtering element	Stainless Steel AISI-316 –L. INOX Structure
Scanner	Stainless steel AISI 316-L
Sealing elements	NBR – EPDM - Viton
Air valve	2" Triple effect
Pressure gauge	Glycerine pressure gauge 0-10 bar / 0 – 145 psi
Drainage Valve	Cast Iron epoxy coated

Model	DN CONNECTION				FILTRATION				FLUSHING CYCLE				
	Inlet – Outlet Flange		Drainage Female - Thread		Filtering Surface		Max flow		Flow rate	Time	Volume		
	"	mm	"	mm	cm ²	in ²	m ³ /h	gpm	l/s	gpm	s	l	gal
125 micron													
AZUD LUXON LEM 26400 S/16	16"	400	2 un x 2"	2 un x 50	26.420	4.100	1100	4.845	14	220	25	345	90
AZUD LUXON LEM 39700 S/20	20"	500	3 un x 2"	3 un x 50	39.630	6.150	1.700	7.485	21	330	25	520	135
AZUD LUXON LEM 42600 S/20	20"	500	2 un x 2"	2 un x 50	42.600	6.600	1.800	7.925	14	220	25	345	90
AZUD LUXON LEM 53000 S/24	24"	600	4 un x 2"	4 un x 50	52.840	8.200	2.200	9.690	28	440	25	695	180
AZUD LUXON LEM 64000 S/24	24"	600	3 un x 2"	3 un x 50	63.900	9.900	2.700	11.890	21	330	25	520	135
AZUD LUXON LEM 85200 S/28	28"	700	4 un x 2"	4 un x 50	85.200	13.200	3.600	15.850	28	440	25	695	180

*Min. flushing pressure: 2 bar / 29 psi in outlet manifold.

The flow rate given by filter conditions the frequency of the flushing activation.

Ask for the rest of configurations in www.azud.com.