

Equipment	Strainer Air Eliminator		
Model	FS24		
Performance characteristics			
Measured liquids		Liquid hydrocarbons, industrial oils, fatty acid esters, alcohols	
Static pressure	max	15 bar	
Operating pressure	min / max	3 bar / 10 bar	
Liquid temperature	min / max	- 10°C / +90°C14°F / +194°F	
Working flow rate as gas separator	max	24 m3/h - 400 L/min – 105 USGPM	
Working flow rate as gas extractor	max	48 m3/h - 800 L/min – 210 USGPM	
Liquid viscosity	max	20 mm²/s	
Pressure drop		0.1 bar @ max working flow, diesel oil, 20°C, 100µm filtering	
Separator body			
Effective volume		11 L	
Connection nominal size	inlet / outlet	DN 80 / DN50 - 3" / 2"	
End connection style		Satam flanges with welding counter flanges	
Material	body / seal	Aluminum (EC AN 42200) / Viton, Nitrile (option for alcohols measurement)	
Coating		Acrylic-Epoxy coating RAL5010, Marine Epoxy coating RAL5010 (option)	
Gas release head			
Technology		Automatic gas release controlled by float and differential valve	
Gas release connection		1" Gas	
Valve on gas release pipe		Ball valve (only with dry contact for gas detection)	
Dry contact for gas detection (AC10)		REED contact controlled by float position (option)	
Coating		Acrylic-Epoxy coating RAL5010, Marine Epoxy coating RAL5010 (option)	
Strainer			
Technology		Basket filter	
Filtering		100 µm, 200 µm, 450 µm (selection depending on measured product)	
Environmental			
Ambient working temperature	min / max	-40°C / +55°C-40°F / +131°F	
Storage temperature	min / max	-40°C / +80°C-40°F / +176°F	
Certification			
ATEX		Mechanical version: 2 II G c T4, — Dry contact AC10: 2 II G Ex d II C T6 Gb	
European metrology		CE / MID evaluation certificate n°LNE-24269	
OIMLR117		Type compliance certificate n°LNE-24351 (part of measuring system EMS)	
Standards compliance		API, ASME, GOST - See note 1	

Note 1: Contact us for further information about standards compliance.

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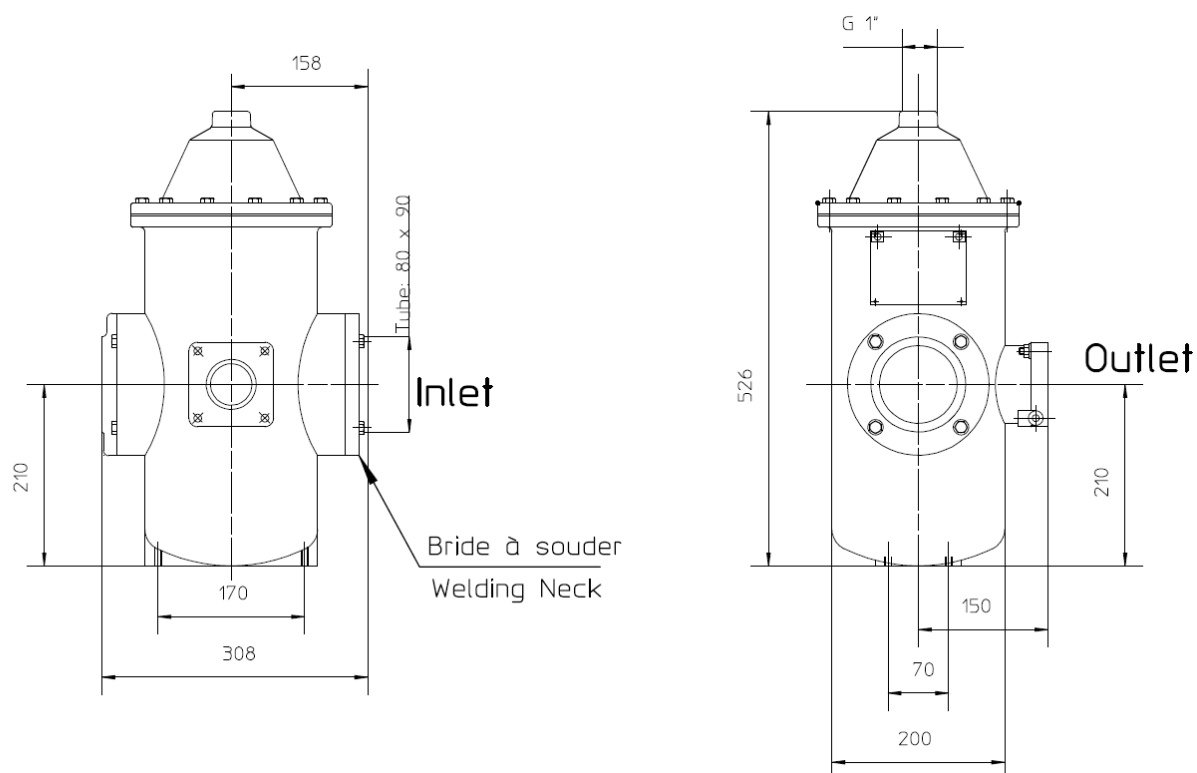
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Dimensions and weight**Weight : 22 kg****SATAM sas****Headquarters & Sales Department**

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