

	INSTRUCTIONS FOR INSTALLATION AND SERVICE	FP 110, FP 210 FP 220, FP 230
	STRAINERS - FLANGED	

1. Description

Flanged strainers FP 110, 210, 220, 230 are designed to clean process media from mechanical impurities. The strainers distinguish by a robust design of filter element made of stainless steel with possibility of draining without necessity of bonnet dismantling.

2. Application

The strainers are designed for applications in heating and other industries especially in hot-water, possibly steam circuits. The wide range of diametres enables using of these strainers in most of the common applications.

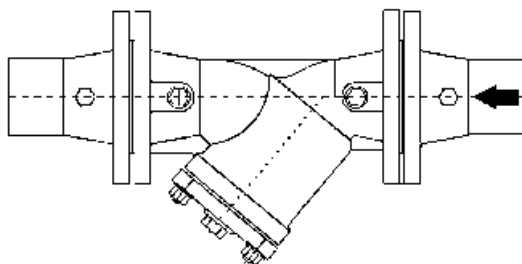
3. Operating medium

The strainers are suitable for water, steam, air and other media compatible with material of body and screen.

4. Installation and maintenance of strainer

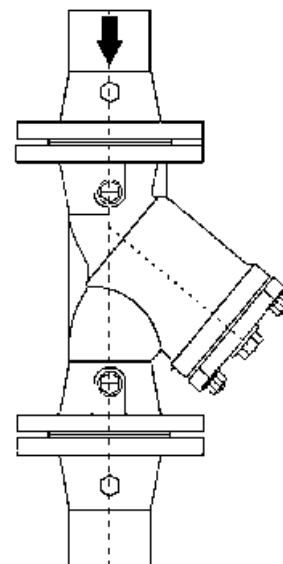
Before installation of strainer into pipeline, the flange protection caps must be removed. The flow direction is determined by the arrows on the strainer's body.

Mounting position of the strainer in the horizontal pipeline is by the bonnet downwards for liquids, and bonnet sideward for steam a gases (to avoid floatation). In the vertical pipeline, only top-down flow direction is allowed.



The period for strainer draining and filter element (mesh) cleaning depends on the pollution of medium. The filter element must be cleaned, when the pipeline is put into operation (usually just before commissioning), at the beginning of the operation after long period of inactivity (beginning of heating season) and always when the increased pressure loss or noise occurs at the strainer. The pressure must be released from the pipeline prior any activity.

The personnel carrying out the service work shall be trained and have knowledge about the product as well as be trained in safety regulations during the work.



5. Guarantee conditions

The producer provides a 24-month warranty for this product starting with the date of dispatch from the factory. When the failure is detected, the activities according point a), b) or c) should be done.

a) Send the strainer to the address of LDM servis, spol. s r. o., where the valve will be inspected and changed or repaired.

b) Report the malfunction to a local service company which can lend you a spare strainer. Send the the strainer over to our service company where it will be repaired or replaced with new one.

c) Require service work directly at site.

In case the claim is found relevant, the producer shall pay the cost of repair and transportation cost for sending the strainer back to the customer. If the customer requires the service work directly at site, he shall be bound to pay the travel cost of the service personnel. If the claim is not found relevant, he is bound to pay all the cost arised.

The producer does not guarantee the proper function of the product under other conditions than those stipulated in this instructions for installation and maintenance of the product. Any other service conditions shall be consulted with the producer.

6. Waste disposal

Packaging material and the strainer shall be disposed of in the common way such as by handing over to a specialized enterprise for disposal of (body and metal parts - metal waste, other non-metal parts - communal waste).



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