

GAS FILTERS FGC 140 to 4 000



Gas dust filter is intended to separate the impurities of the gaseous substances: air, natural gas, propanebutane and other nonaggressive gases in accordance with applicable legislation.

Technical description:

- cylindrical body (equipped with flanged necks PN 16 to PN 63 for gas inlet and outlet);
- Inlet and outlet necks (located in the lower part of the body, oriented according to the wishes of the customer – left, right, straight);
- blowdown terminal (connected to the lower part, designed to discharge of impurities and condensate. The terminal is normally terminated with blind flange DN 25 (at FGC 4000 - DN 50), but on request it can be supplied with flanged, welding or threaded ball valve fitted with a cap;
- Upper lid of the filter (composed of flanged neck connected by a screws through the gasket to the blind flange);
- removable filter insert (located inside of the body, is either ceramic, cellulose, or made of a special fabric);

Made to order can be delivered filters with a dual or triple filtration – from the coarsest to the finest particles. Filter can be equipped with device for measuring of the pressure loss on the filter insert. On both necks are welded mounts, to which are fixed closures. The outlets of the closure are connected by pipes to the switchboard. On the upper outlet of the switchboard is mounted the manometer, indicating or differential. The manometer type depends on the customer. We are also able to supply the differential manometer with an outlet for remote monitoring of filter status. Sides of the filter are equipped with footings for attachment to the base.

Maintenance of the equipment in operation

The equipment does not require regular daily maintenance, if the gas distribution is protected against penetration of the large amount of the condensate or excessive amount of the mechanical impurities.

After 10 years of the equipment operation we recommend to perform a pressure test and then every 5 years and over 20 years perform the measurement of the body wall thickness, or after 25 years to replace the equipment for a new.

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