STOURFLEX
Technically Advanced Flexible Solutions

Type JP602 Dirt Separator Flanged

Specification

Dirt Separator consisting of carbon steel body with stainless steel diffuser screen.
RAL 9006 white aluminium paint finish.
Flanges drilled to BS4504 NP16

Application

Stourflex dirt separators are designed to remove dirt from circulating heating and chilled water systems.
Dirt, sludge and solid particles are drained manually from the valve fitted on the base.

Maximum working temperature 110ºC.
Maximum working pressure 10 Bar.
Maximum test pressure = 1.5 x working pressure.

For efficient dirt removal separators should be line size.

Part Number	N.B. (mm)	Body Diameter (mm)	Total Height with Drain Valve (mm)	Pipe Centre To Drain Valve (mm)	Installed Length Face to Face (mm)	Dry Weight (kg)	Volume (l)
JP602-50	50	165	480	250	430	13	8
JP602-65	65	165	480	250	430	14	8
JP602-80	80	219	610	345	500	19	18
JP602-100	100	219	610	345	500	21	19
JP602-125	125	323	790	460	625	41	53
JP602-150	150	323	790	460	625	43	54
JP602-200	200	400	820	470	775	58	88
JP602-250	250	450	920	540	860	74	130
JP602-300	300	500	1040	630	910	93	185

All lengths have a tolerance of up to +/- 5%

1" bsp brass drain valve supplied as standard. .

Please refer to installation instructions for the correct location, installation and operation of Stourflex dirt separator.

Weld and grooved ends, alternative flange drillings and materials available upon request.

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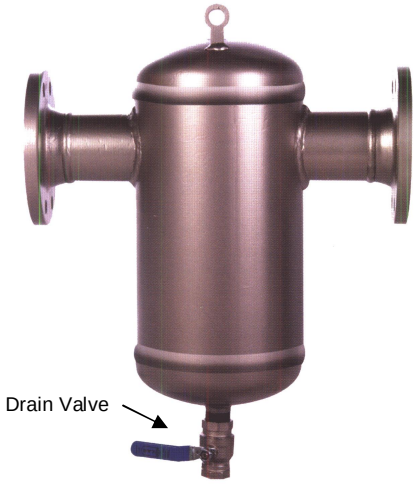
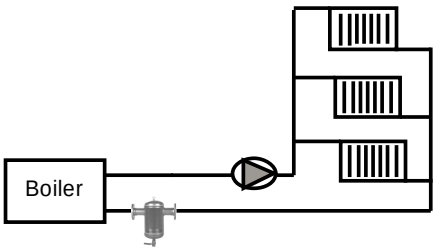
Installation, Operation and Maintenance Instructions for JP602 Dirt Separators

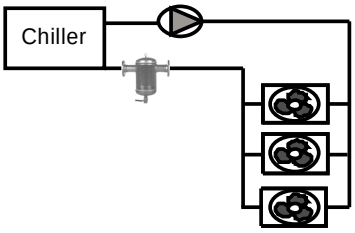


Selection Stourflex offer a complete range of air and dirt separators. Check that the correct separator has been selected for the operating conditions that exist.
To enable efficient dirt removal the separator should be line size.

Location The examples shown below are typical installation layouts, but other acceptable and efficient locations for the separator exist.
Stourflex JP602 dirt separators should be installed in horizontal pipework, the direction of flow is optional. The separator should be located in the return pipework within the system.



Heating System



Cooling System

Installation The drain valve should be fitted to the base of the separator, as shown in the illustration at the top of this page.
Flexible hose or fixed pipework should be installed to enable dirty water to be drained to a convenient safe place.

Maintenance To prevent sediment build up and maintain efficiency the separator should be flushed at regular intervals. Dirt sludge and solid particles can be removed by opening the drain valve on the base of the separator until the water runs clear.
WARNING To prevent scalding safe practice must be observed when venting hot water at pressure.

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