



**Kiwa Watertec**

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Date: 1<sup>st</sup> September 2020

Our Ref: 2009702  
Sample No: S190718

Flamco Limited  
Washway Lane  
St. Helens  
WA10 6PB

Dear Sir,

1. Samples of fittings or units described below have been subjected to relevant tests and examinations contained in the "UK Regulators Specification", and after considering the test reports, Kiwa Ltd finds that the fittings or units so described, comply with, when correctly installed, the requirements of the UK Water Supply (Water Fittings) Regulations 1999, The water supply (water fittings) Byelaws 2014 Scotland and the Water Supply (Water Fittings) Regulations (Northern Ireland) 2009.

**DIRECTORY INDEX CATEGORY 1000**

**EXPANSION VESSELS**

IRN: R001

Range of steel bodied expansion vessels with an EPDM membrane, having a white external coating and blue epoxy coated inlet connections.

Maximum working pressure see model list. Maximum operating temperature 100°C.

Size/Model:      Airfix D-E 50 - 16 bar  
                         Airfix D-E 80 - 16 bar  
                         Airfix D-E 120 - 16 bar  
                         Airfix D-E 180 - 16 bar  
                         Airfix D-E 240 - 16 bar  
                         Airfix D-E 300 - 16 bar  
                         Airfix D-E 600 - 16 bar  
                         Airfix D-E 800 - 16 bar  
                         Airfix D-E 1000 - 16 bar  
                         Airfix D-E 1600 - 10 or 16 bar  
                         Airfix D-E 2000 - 10 or 16 bar  
                         Airfix D-E 3000 - 10 or 16 bar  
                         Variants on connection create Airfix P and Airfix D-E-B designations.  
                         Airfix D-E-B 50 - 16 bar





Airfix D-E-B 80 - 16 bar  
Airfix D-E-B 120 - 16 bar  
Airfix D-E-B 180 - 16 bar  
Airfix D-E-B 240 - 16 bar  
Airfix D-E-B 300 - 16 bar  
Airfix D-E-B 600 - 16 bar  
Airfix D-E-B 800 - 16 bar  
Airfix D-E-B 1000 - 16 bar  
Airfix D-E-B 1600 - 10 or 16 bar  
Airfix D-E-B 2000 - 10 or 16 bar  
Airfix D-E-B 3000 - 10 or 16 bar

Inlet connections:

D-E – flow through flanged connection

D-E – flow through screwed connection

D-E-B – single screwed connection

Marking: Data label with Flamco, date of manufacture MM/YY, capacity, pressure and other technical details.

Manufacturer: Flamco STAG GmbH

Factor: Flamco Limited

2. Installation Requirements & Notes are set out at the end of this approval letter.
3. Fittings or units (and any non-metallic components within them) are re-assessed and, where necessary, retested every 5 years. You will be advised when your product is due for re-assessment. The extent of any retesting required for a product will be at the discretion of the Technical Manager.
4. Acceptance for listing entitles the applicant to identify your product with the Scheme's (Kiwa Water Regulations Approval Scheme) mark. The use of the Mark will make the identification easier of the approved products by the Water Undertakers. Copies of the Mark are available on request for the purposes of producing artwork.
5. Manufactures or applicants may only quote in their sales literature, items used in this letter when indicating the decision of the Scheme in respect to their fittings or units, namely that the use of these fittings or units, when correctly installed, will not contravene the requirements of the Water Supply (Water Fittings) Regulations 1999, Water Byelaws 2004 Scotland or Water Regulations (Northern Ireland) 2009 and that a reference to the fittings or units will be included in the Scheme's web site.
6. Since the incorrect installation of water fittings could result in contravention of the Regulations or Byelaws requirements, the attention of your customers should be drawn to any Installation Requirements for Regulations or Byelaws compliance set out on Page 3.
7. Would you please supply the Scheme with a copy of any of your company literature, which may or will make reference to the Scheme's decisions about the products and/or quotes any of the installation requirements.
8. A condition of listing is that no modifications to these fittings or units described above shall be made without first notifying the Scheme and submitting to the Scheme details of the modifications and, if so required, samples of the fittings or units as so modified for consideration by the Scheme. Failure to comply with this condition may result in the removal from the Scheme's listing for the entry relating to the fittings or units in question.



9. Your products are requested to be replicas of the samples described above, and the right is reserved to carry out quality surveillance inspections of your production arrangements, reasonable written notice of which will be given.
10. Please note that the use of the items described in any particular area of supply is at the discretion of the Local Water Undertaking.
11. Manufactures or factors having appliances or units referred to in the Scheme's listing which incorporated individually approved components and materials are asked to ensure that such components and materials continue to be approved and/or listed in the relevant approved listings, during the current period of approval of their appliance. This may require modifications to approved appliances to ensure their retention in the Scheme's listings. The Scheme must be informed of any modifications (See Paragraph 8).
12. You are asked to verify the details of your products as set out in Paragraph 1 and advise us of any discrepancies.

Yours faithfully

David Jay  
**Business Manager**

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**Installations Requirements & Notes.**

**IRN R001**

See text of entry for Installation Requirements or Notes.