

**For use in potable water or fresh water installations.**

The Airfix D expansion vessels operate in such a way that the water flows right through and they are continuously flushed with fresh water from the mains. This prevents tepid, stagnant water from collecting in the vessel in which bacterial growth could occur. Therefore, users can be assured of high quality potable water. Applying an Airfix D expansion vessel to a water heater prevents the opening of the safety group or safety valve each time the potable water is heated. As a result, not only the life of the safety group or safety valve is significantly prolonged (damage or calcification of seat is avoided) but also the risk of permanent leakage (with high water loss as a consequence). An Airfix vessel is also a perfect solution in basement applications where the drain is higher than the safety valve. Airfix D is a flow through vessel, that operates by diverting all of the connection fluid flow, through a special T-piece, into the vessel to prevent stagnation of water in the vessel.

- Full flow through.


**Advantages**

- The Airfix D is fitted with a synthetic flow through construction and a special T-piece which eliminates the formation of unwanted bacteria inside the vessel.
- Including special brass flow dividing T-piece (3/4") and internal synthetic flow through construction.
- No waste of valuable potable water.
- With special flow through construction.
- Continuous flow through prevents bacterial growth.
- Special butyl rubber diaphragm does not add any colour, odour or taste to the water.
- Corrosion-resistant coating inside, not only on the water side but also on the nitrogen side.
- Internationally approved and certified.
- The clench ring construction allows coating before assembly.
- Nitrogen gas filling for longer retention of pre-charge.
- Airfix D can be fitted with an AirfixControl. AirfixControl enables an easy yearly precharge check of the Airfix expansion vessel.

**Technical Specifications**

- Maximum working pressure: 8 bar.
- Airfix D 35: With suspension eye. Connection to the underside of the vessel.

Description	Airfix D DHW exp.ves. 35/4,0[8bar]	
Order Code	14659	
GTIN	08712874146594	
Model	<u>Airfix D 8 - 35</u>	
Precharge [bar]	4	
Max. working pressure [bar]	8	
Dimensions	Ø [mm]	396
	H. [mm]	416
Connection	R 3/4"	
Weight [kg]	8.1	



### Classification General Data

<b>Etim Group</b>	Pressure increase/decrease
<b>Etim Class</b>	Membrane pressure expansion vessel
<b>Product Name</b>	Airfix D DHW exp.ves. 35/4,0[8bar]
<b>Brand</b>	Flamco
<b>Product Type</b>	35
<b>Artikelnummer</b>	14659

### Attributes

<b>Suitable for central heating</b>	No
<b>End pressure</b>	8 Bar
<b>Suitable for cooling</b>	No
<b>Suitable for tap water</b>	Yes
<b>Suitable for tap water</b>	Yes
<b>Volume</b>	35 Litre
<b>Pre-pressure</b>	4 Bar
<b>On base, vertical</b>	No
<b>On base, horizontal</b>	No
<b>Max. operating pressure</b>	8 Bar
<b>With fixed wall support</b>	No
<b>Vertical positioning</b>	Yes
<b>Max. medium temperature (continuous)</b>	70 Degrees celsius
<b>Horizontal positioning</b>	No
<b>With legs</b>	No
<b>With exchangeable membrane</b>	No
<b>Nominal diameter expansion connection</b>	3/4 inch (20)
<b>Outer pipe diameter, expansion connection</b>	26.5 Millimetre
<b>Connection</b>	External thread conical BSPT-R (ISO 7-1 / EN 10226-1)
<b>Material membrane/bladder</b>	IIR (butyl)
<b>With vessel manifold</b>	No
<b>Colour</b>	White
<b>With drain</b>	No
<b>Diameter</b>	365 Millimetre
<b>Height</b>	416 Millimetre
<b>With pressure gauge</b>	No
<b>With safety valve</b>	No
<b>With mounting material</b>	No

**Find more information online:**

[Installation and operating instruction](#)

[Declaration of conformity PED 2014/68/EU](#)

[PED Module D](#)

[PED Module D1](#)

[Certificate DIN-DVGW](#)

[Certificate ACS](#)

[Certificate WRAS](#)

[Declaration of conformity UKCA](#)

[Airfix D ADSK](#)

[Airfix D ADSK Revit](#)

[Airfix D DWG](#)

[Airfix D IPT](#)

[Airfix D STEP](#)

[Export catalogue](#)

[White paper Expansion vessels in potable water systems](#)

[Packaging data](#)

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