

**High quality pressure expansion vessels for use in all (potable) water installations.**

Its special flow through construction eliminates the formation of unwanted bacteria. The composition of the bladders has been made for this range in such a way that there will be no variation in smell, colour or taste. The inside of the Airfix connection flange has a special coating which prevents oxidation.

**Advantages**

- Coated, two-way system connection for complete vessel flow through.
- Low pressure drop.
- Nitrogen gas filling for longer retention of pre-charge.
- Replaceable butyl rubber bladder according to DIN4807/5.
- Easy to install with long service life.
- Pressure gauge with blow back protection.



**Technical Specifications**

- Maximum working pressure: 16 bar.
- Standard pre-charge: 6 bar.
- In accordance with AD2000.
- Suitable for systems with a maximum system temperature of 120 °C.
- Minimum / maximum temperature bladder: 1 / 70 °C.
- In accordance with Pressure Equipment Directive 2014/68/EU.
- Quality Vignette DIN-DVGW: NW-0411 BQ 0340.
- Colour: White, RAL 9010.

Description	Airfix D-E DHW exp.ves. 1000/6,0[16bar]	
Order Code	14911	
GTIN	08712874149113	
Model	<u>Airfix D-E - 16.0 bar</u>	
Capacity [l]	1000	
Dimensions	Ø [mm]	750
	H. [mm]	2733
Flanges * (2x)	DN 50	
Diaphragm rupture sensor	✓	
Weight [kg]	415	

\* According to EN 1092-1 PN16.





### Classification General Data

<b>Etim Group</b>	Pressure increase/decrease
<b>Etim Class</b>	Membrane pressure expansion vessel
<b>Product Name</b>	Airfix D-E DHW exp.ves. 1000/6,0[16bar]
<b>Brand</b>	Flamco
<b>Product Type</b>	1000/6,0 [16bar]

### Attributes

<b>Final pressure [bar]</b>	16
<b>For tap water</b>	Yes
<b>Volume [l]</b>	1000
<b>Pre-pressure [bar]</b>	6
<b>With fixed wall support</b>	No
<b>Position, vertical</b>	Yes
<b>Max. medium temperature (continuous) [°C]</b>	70
<b>Position, horizontal</b>	No
<b>With legs</b>	Yes
<b>With exchangeable membrane</b>	Yes
<b>Nominal inner diameter, expansion connection</b>	2 inch (50)
<b>Flange compression class</b>	PN 16
<b>Colour</b>	White
<b>Diameter [mm]</b>	750
<b>Height [mm]</b>	2740

### Find more information online:

[Installation and operating instruction](#)

[Declaration of conformity](#)

[DVGW](#)

[Kiwa UK Regulation 4](#)

[Approval letter](#)

[Airfix D-E 16 bar ADSK](#)

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# Flamco

Flow of Innovation

14911 - Airfix D-E 1000

Product Data Sheet 2022/06/17

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