



Expansion Vessels for Heating

Now available from Uppercross, the comprehensive range of Flamco diaphragm expansion vessels. Both the steel shell and the membrane are of top quality and guarantee a long service life. They are compliant with all prevailing European standards and carry the CE mark of conformity.



BASEFLEX EXPANSION Vessels

For sealed heating installations (acc. to EN12828) and chilledwater (cooling) installations.

Code	Description	Pre-Charge [bar]	Max. working pressure [bar]	Syst. conn. (E)
25300	FLAMCO BASEFLEX HEATING VESSEL 8 LT - 1.5 bar	1.5	6	G 3/4" M
25301	FLAMCO BASEFLEX HEATING VESSEL 12 LT - 1.5 bar	1.5	6	G 3/4" M
25302	FLAMCO BASEFLEX HEATING VESSEL 18 LT - 1.5 bar	1.5	6	G 3/4" M
25303	FLAMCO BASEFLEX HEATING VESSEL 25 LT - 1.5 bar	1.5	6	G 3/4" M
25305	FLAMCO BASEFLEX HEATING VESSEL 35 LT - 1.5 bar	1.5	6	G 3/4" M
25306	FLAMCO BASEFLEX HEATING VESSEL 50 LT - 1.5 bar	1.5	6	G 3/4" M
25307	FLAMCO BASEFLEX HEATING VESSEL 80 LT - 1.5 bar	1.5	6	G 3/4" M

Features

- The thread of the system connection is uncoated, ensuring problem free connection.
- The fixed bag-type diaphragm prevents the water to come in contact with the bare steel of the vessel.
- Nitrogen gas filling for longer maintenance of pre-pressure.

Technical Specifications

- Maximum working pressure: 6.0 bar.
- Vessels in accordance with EN13831.
- Suitable for systems with a maximum system temperature of 120 °C.
- Min. / max. temperature diaphragm: -10 / 70 °C.
- Diaphragm: EPDM.
- All welded construction.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- In accordance with Pressure Equipment Directive 2014/68/EU.
- Baseflex 35 - 80: Standard equipped with legs.



CONTRA-FLEX EXPANSION Vessels

For sealed heating installations (acc. to EN12828) and chilledwater (cooling) installations.

Code	Description	Pre-Charge [bar]	Max. working pressure [bar]	Syst. conn. (E)
26103	FLAMCO CONTRA-FLEX HEATING VESSEL 100 LT - 1.5 bar	1.5	6	G 3/4" M
16153	FLAMCO CONTRA-FLEX HEATING VESSEL 150 LT - 1.5 bar	1.5	6	G 3/4" M
26213	FLAMCO CONTRA-FLEX HEATING VESSEL 200 LT - 1.5 bar	1.5	6	R 1"
26303	FLAMCO CONTRA-FLEX HEATING VESSEL 300 LT - 1.5 bar	1.5	6	R 1"
26523	FLAMCO CONTRA-FLEX HEATING VESSEL 500 LT - 1.5 bar	1.5	6	R 1"

Features

- Each vessel is factory tested.
- Nitrogen gas filling for longer maintenance of pre-pressure.
- Diaphragm: Flexible rubber with rolling action.

Technical Specifications

- Maximum working pressure: 6.0 bar.
- Vessels in accordance with EN13831.
- Suitable for systems with a maximum system temperature of 120 °C.
- Min./ max. temperature diaphragm: -10 / 70 °C.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- All welded construction.
- In accordance with Pressure Equipment Directive 2014/68/EU.
- Tilting height: 800L: 1865 mm. 1000L: 2195 mm.
- Red (RAL 3002) epoxy powder coating.



Each Vessel is factory Tested



Uppercross Enterprises Ltd

Now Distributing  **Flamco** Expansion Vessels

Expansion Vessels for Potable Water

Domestic installations lose millions of litres of potable water due to expansion water leaking from the vent and expansion pipe. Now available from Uppercross, Flamco's range of expansion vessels for mains water systems work to prevent this waste.

FLOFIX EXPANSION Vessels



Code	Description	Pre-Charge [bar]	working pressure [bar]	Syst. conn. (E)
25290	FLAMCO FLOFIX POTABLE VESSEL 8 LT - 4 bar	4.0	10	G ¾" M
25291	FLAMCO FLOFIX POTABLE VESSEL 12 LT - 4 bar	4.0	10	G ¾" M
25292	FLAMCO FLOFIX POTABLE VESSEL 18 LT - 4 bar	4.0	10	G ¾" M
25293	FLAMCO FLOFIX POTABLE VESSEL 25 LT - 4 bar	4.0	10	G ¾" M
25294	FLAMCO FLOFIX POTABLE VESSEL 35 LT - 4 bar	4.0	10	G ¾" M
25295	FLAMCO FLOFIX POTABLE VESSEL 50 LT - 4 bar	4.0	10	G ¾" M
25296	FLAMCO FLOFIX POTABLE VESSEL 80 LT - 4 bar	4.0	10	G ¾" M

Technical Specification

- Max working pressure: 10 bar
- Vessel in accordance with EN13831
- Suitable for systems with a Min/max temperature diaphragm: 70°C
- All welded construction
- Stainless steel flange
- White (RAL 9010) epoxy powder coating
- Flofix 35-150: Standard equipped with legs

Potable water expansion vessels for use in domestic and commercial sealed chilled and hot water systems.

- Nitrogen gas filling for longer retention of pre-pressure
- The thread of the system connection is uncoated, ensuring problem free connection.
- Diaphragm: EPDM
- Suitable for addition of glycol-based anti-freeze up to 50%
- In accordance with Pressure Equipement Directive 2014/68/EU

AIRFIX P EXPANSION Vessels



Code	Description	Pre-Charge [bar]	Max. working pressure [bar]	Syst. conn. (E)
24900	FLAMCO AIRFIX P POTABLE VESSEL 2 LT - 2.7 bar * * sold in pack of 4	2.7	10	G ½" M
24917	FLAMCO AIRFIX P POTABLE VESSEL 100 LT - 2.7 bar	2.7	10	G 1" M
24920	FLAMCO AIRFIX P POTABLE VESSEL 150 LT - 2.7 bar	2.7	10	G 1" M
24922	FLAMCO AIRFIX P POTABLE VESSEL 200 LT - 2.7 bar	2.7	10	G 1 ¼" M
24924	FLAMCO AIRFIX P POTABLE VESSEL 300 LT - 2.7 bar	2.7	10	G 1 ¼" M
24926	FLAMCO AIRFIX P POTABLE VESSEL 500 LT - 2.7 bar	2.7	10	G 1 ¼" M

Technical Specification

- Max working pressure: 10 bar
- Min/max working temperature (bladder): -10/100°C
- Colour coated aluminium (RAL 9006)
- Airfix P 50 - 300: with feet

Potable water expansion vessels for use in domestic and commercial sealed chilled and hot water systems

- Nitrogen gas filling for longer retention of pre-charge
- Designed to incorporate a unique contoured, replaceable bladder
- With single threaded steel connection and plastic insert (no flow through function)
- Suitable for addition of glyco-based anti-freeze up to 50%
- In accordance with pressure equipment directive 2014/68/EU
- Diaphragm: EPDM (*Airfix P100-500) BUTYL (*Airfix P2)

ACCESSORIES - MOUNTING BRACKETS & BANDS (HEATING & POTABLE)

Code	Description
27913	FLAMCO MB2 BRACKET (SUITABLE FOR 8 - 25LT)
27914	FLAMCO BRACKET BAND (SUITABLE FOR 2 - 35LT)

