

Product Data Sheet (2019-06-19)

Flamcomat FG Main Vessels

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

A multi function product which provides all the essential requirements for a sealed chilled or heated water system i.e. automatic expansion control, pressurisation, deaeration and make-up.



Type	Capacity [l]	Design pressure [PN]	Dimensions				Syst. conn.	Weight [kg]	###	Order Code
			A [mm]	B [mm]	C [mm]	D [mm]				
FG 100	100	PN 6	484	1050	360	150	G 1 1/2" M	35	1	17828
FG 200	200	PN 6	484	1560	360	150	G 1 1/2" M	31	1	17820
FG 300	300	PN 6	600	1596	450	185	G 1 1/2" M	41	1	17821
FG 400	400	PN 6	790	1437	610	185	G 1 1/2" M	62	1	17822
FG 500	500	PN 6	790	1587	610	185	G 1 1/2" M	70	1	17823
FG 600	600	PN 6	790	1737	610	185	G 1 1/2" M	77	1	17824
FG 800	800	PN 6	790	2144	610	185	G 1 1/2" M	92	1	17825
FG 1000	1000	PN 6	790	2493	610	185	G 1 1/2" M	106	1	17826
FG 1200	1200	PN 3	1000	2210	1060	170	G 1 1/2" M	291	1	17717
FG 1600	1600	PN 3	1000	2710	1060	170	G 1 1/2" M	346	1	17718
FG 2000	2000	PN 3	1200	2440	1265	220	G 1 1/2" M	431	1	17719
FG 2800	2800	PN 3	1200	3040	1265	225	G 1 1/2" M	516	1	17720
FG 3500	3500	PN 3	1200	3840	1265	225	G 1 1/2" M	626	1	17721
FG 5000	5000	PN 3	1500	3570	1570	225	G 1 1/2" M	1241	1	17722
FG 6500	6500	PN 3	1800	3500	1885	225	G 1 1/2" M	1711	1	17723
FG 8000	8000	PN 3	1900	3650	1985	225	G 1 1/2" M	1831	1	17724
FG 10000	10000	PN 3	2000	4050	2085	225	G 1 1/2" M	2026	1	17725



Advantages

- Unique pressure step degassing process, even when the system is in equilibrium, by combination of pressure drop and application of patented PALL-ring technology.
- Replaceable butyl bladder.
- Expansion fluid is stored at atmospheric pressure in the bladder.
- Delivered with Flexvent Super, height adjustable feet and weight-capacity sensor.

Technical information

- Vessels 100 - 1,000 litres: in accordance with EN13831 / 1,200 - 10,000 litres: in accordance with AD2000.
- Suitable for systems with a maximum flow temperature of 120 °C.
- Maximum temperature bladder: 70 °C.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- Flexible connections and hoses between pump unit and vessel to be ordered separately.
- In accordance with European Pressure Equipment Directive 2014/68/EU and Machinery Directive 2006/42/EC.
- Red (RAL 3002) epoxy powder coating.



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Flamco Group
Plotterweg 31
3821 BB, Amersfoort - nl
T +31 33 299 75 00
F +31 33 298 64 45
E info@flamcogroup.com
I <https://flamcogroup.com>