

Product Data Sheet (2021-07-26)

Flexcon M-K/C

Compressor controlled expansion vessel with fixed diaphragm for smaller sealed heating installations (acc. to EN12828) and chilled water (cooling) installations. This product is especially designed for smaller commercial systems with limited space, providing all the benefits of an automat at an affordable price.

For stand-alone applications only.



Type	Capacity [l]	Max. working pressure [bar]	Design pressure [PN]	Dimensions		Syst. conn.	Weight [kg]		Order Code
				Ø [mm]	H. [mm]				
Flexcon M-K/C 110	110	5.4	6.0	509	1235	G 1" F	37	1	23225
Flexcon M-K/C 200	200	5.4	6.0	600	1410	G 1" F	54	1	23226
Flexcon M-K/C 325	325	5.4	6.0	600	1830	G 1" F	78	1	23229
Flexcon M-K/C 350	350	5.4	6.0	790	1475	G 1" F	70	1	23227
Flexcon M-K/C 425	425	5.4	6.0	790	1630	G 1" F	76	1	23228



Advantages

- Delivered completely pre-assembled and ready for operation.
- With oil free compressor, flexible connecting hose, weight-capacity sensor, height adjustable feet and diaphragm rupture sensor.
- Connectivity for pressurisation unit and Building Management System or system monitoring device.
- Intuitive and programmable SCU controller with graphic display and 18 languages to choose from.
- Easy to install and commission.
- Diaphragm: Fixed flexible rubber diaphragm with rolling action (not replaceable).
- With RS 485 interface.
- Accessories to be ordered separately.

Technical Specifications

- Vessels in accordance with EN13831.
- Suitable for systems with a maximum system temperature of 120 °C. Note: additional requirements can be placed on your central heating system above 110° C.
- Maximum temperature diaphragm: 70 °C.
- Minimum temperature at (heating) outlet: -10 °C.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- Electricity supply: 230V 50/60Hz 1ph.
- Maximum heating capacity: 7 MW.
- Maximum cooling capacity: 11 MW.
- In accordance with European Pressure Equipment Directive 2014/68/EU and Machinery Directive 2006/42/EC.
- Red (RAL 3002) epoxy powder coating.
- Noise level: 65 dB.



Find more information online:

[Installation and operating instruction](#)

[Installation and operating instruction - 325 litre](#)

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

[Flexcon M-K/C ADSK](#)

[Flexcon M-K/C DWG](#)

[Flexcon M-K/C IPT](#)

[Flexcon M-K/C STEP](#)

[Export catalogue](#)

Flamco Group
Fort Blauwkapel 1
1358 DB, Almere - nl
T +31 (0)36 52 62 300
E info@flamcogroup.com
I flamcogroup.com