

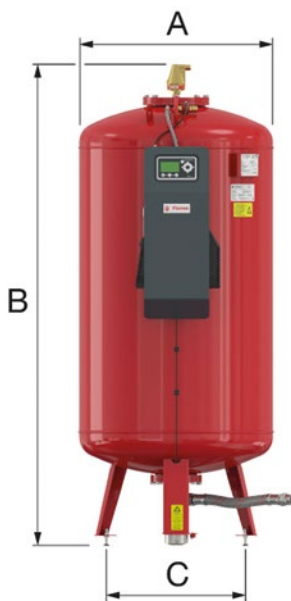
MKU & MKS

compressor expansion automats

The entirely micro-processor driven control unit in the MKU and MKS expansion automat has a number of parameters that can be set to any variable within a given range. Other characteristics of the MKU / MKS series are the high level of reliability and sturdiness. The MKU / MKS series are adaptable to a wide range of situations and there are plenty of optional accessories which mean that it can be put to many different uses in countless systems. It requires no oil or maintenance.

The MKU and MKS compressor expansion automats store the expansion water from the system. They also hold the system pressure at the pre-set level within clearly defined limits. Water and compressed air are separated from each other by a removable high-quality butyl-rubber membrane which has a high diffusion density (low gas permeability). Produced in accordance with the Pressure Equipment Directive 2014/68/EU and the Machinery Directive 2006/42/EC.

- Inside coated, outside colour coating RAL 3002.
- Possibility to connect a top-up device or ENA and remote fault detector, Flexvent Super available as an option.
- Supplied inclusive of oil-free compressor, gauge and foot height adjustment.
- 400-1,000 litre vessels according to EN13831 / 1,200-10,000 litres according to AD2000.
- Suitable for systems with a maximum flow temperature of 120 °C.
- Maximum operating temperature of bellows 70 °C.
- Suitable for glycol solutions of up to 50 %.
- Electrical connection: 230 V ~ 50 Hz.



capacity [l]	design pressure [Pn]	dimensions			weight		max. wrk pressure compr. [bar]	syst. conn.
		Ø A [mm]	B [mm]	Ø C [mm]	3 bar [kg]	6 bar [kg]		
MKU 400	6	400	790	1437	610	-	90	G 1¼" M
MKU 600		600	790	1737	610	-	105	G 1¼" M
MKU 800		800	790	2144	610	-	120	G 1¼" M
MKU 1000		1000	790	2493	610	-	135	G 1¼" M
MKU 1200		1200	1000	2110	850	-	313	R 1½"
MKU 1600		1600	1000	2610	850	-	368	R 1½"
MKU 2000		2000	1200	2362	1050	-	453	R 2"
MKU 2800		2800	1200	2962	1050	-	538	R 2½"
MKU 3500		3500	1200	3762	1050	-	648	R 2½"
MKS 5000		3	5000	1500	3635	1520	976	-
MKS 6500	6500		1800	3550	1820	1476	-	Rp 1½"
MKS 8000	8000		1900	3650	1920	1581	-	Rp 1½"
MKS 10000	10000		2000	4070	2020	1821	-	Rp 1½"

The MKU 400 to MKU 3500 are also available in a 10 bar design pressure.