



Flexcon MKU & MKS

compressor expansion automats

The entirely micro-processor driven control unit in the Flexcon MKU / MKS expansion automats has a number of parameters that can be set to any variable within a given range. Other characteristics of the Flexcon MK series are the high level of reliability and sturdiness. The Flexcon MK 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 Flexcon MKU / 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 Flamco-Fill 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.



MKU 400

MKU 600

MKU 800

MKU 1000

MKU 1200

MKU 1600

MKU 2000

MKU 2800

MKU 3500

MKS 5000

MKS 6500

MKS 8000

MKS 10000

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]		
400	6	790	1437	610	-	90	5,4	G 1¼" M
600		790	1737	610	-	105		G 1¼" M
800		790	2144	610	-	120		G 1¼" M
1000		790	2493	610	-	135		G 1¼" M
1200		1000	2110	850	-	313		R 1½"
1600		1000	2610	850	-	368		R 1½"
2000		1200	2362	1050	-	453		R 2"
2800		1200	2962	1050	-	538		R 2½"
3500		1200	3762	1050	-	648		R 2½"
5000		3	1500	3635	1520	976		-
6500	1800		3550	1820	1476	-	Rp 1½"	
8000	1900		3650	1920	1581	-	Rp 1½"	
10000	2000		4070	2020	1821	-	Rp 1½"	

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