



Product Data Sheet (2017-03-09)
Flexcon M

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



Type	Capacity [l]	Pre-charge [bar]	Max. working pressure [bar]	Dimensions				Syst. conn. (E)	Weight [kg]		Order Code
				A [mm]	B [mm]	C [mm]	Ø D [mm]				
Flexcon M 100	100	3.0	6.0	484	958	928	360	G 1 1/4" M	23	1	22000
Flexcon M 100	100	6.0	10.0	484	958	928	360	G 1 1/4" M	33	1	22010
Flexcon M 200	200	3.0	6.0	484	1500	1470	360	G 1 1/4" M	30	1	22001
Flexcon M 200	200	6.0	10.0	600	1132	1106	360	G 1 1/4" M	46	1	22011
Flexcon M 300	300	3.0	6.0	600	1505	1475	450	G 1 1/4" M	41	1	22002
Flexcon M 300	300	6.0	10.0	600	1505	1475	450	G 1 1/4" M	60	1	22012
Flexcon M 400	400	3.0	6.0	790	1348	1318	610	G 1 1/4" M	55	1	22003
Flexcon M 400	400	6.0	10.0	790	1348	1318	610	G 1 1/4" M	84	1	22013
Flexcon M 500	500	3.0	6.0	790	1498	1468	610	G 1 1/4" M	61	1	22004
Flexcon M 600	600	3.0	6.0	790	1708	1678	610	G 1 1/4" M	68	1	22005
Flexcon M 600	600	6.0	10.0	790	1708	1678	610	G 1 1/4" M	106	1	22014
Flexcon M 800	800	3.0	6.0	790	2055	2025	610	G 1 1/4" M	93	1	22006
Flexcon M 800	800	6.0	10.0	790	2055	2025	610	G 1 1/4" M	145	1	22015
Flexcon M 1000	1000	3.0	6.0	790	2404	2374	610	G 1 1/4" M	105	1	22007
Flexcon M 1000	1000	6.0	10.0	790	2404	2374	610	G 1 1/4" M	167	1	22016
Flexcon M 1200	1200	3.0	6.0	1000		1940	850	Rp 1 1/2" *	285	1	22108

Type	Capacity [l]	Pre-charge [bar]	Max. working pressure [bar]	Dimensions				Syst. conn. (E)	Weight [kg]		Order Code
				A [mm]	B [mm]	C [mm]	Ø D [mm]				
Flexcon M 1200	1200	6.0	10.0	1000		1940	850	Rp 1 1/2" *	410	1	22148
Flexcon M 1600	1600	3.0	6.0	1000		2440	850	Rp 1 1/2" *	340	1	22109
Flexcon M 1600	1600	6.0	10.0	1000		2440	850	Rp 1 1/2" *	485	1	22149
Flexcon M 2000	2000	3.0	6.0	1200		2180	1050	Rp 2" **	425	1	22110
Flexcon M 2000	2000	6.0	10.0	1200		2180	1050	Rp 2" **	600	1	22150
Flexcon M 2800	2800	3.0	6.0	1200		2780	1050	Rp 2 1/2" *	510	1	22118
Flexcon M 2800	2800	6.0	10.0	1200		2780	1050	Rp 2 1/2" *	725	1	22158
Flexcon M 3500	3500	3.0	6.0	1200		3580	1050	Rp 2 1/2" *	620	1	22111
Flexcon M 3500	3500	6.0	10.0	1200		3580	1050	Rp 2 1/2" *	900	1	22151
Flexcon M 5200	5200	6.0	10.0	1500		3600	1142	Rp 2 1/2" *	1330	1	22152
Flexcon M 6700	6700	6.0	10.0	1500		4480	1142	DN 100 **	1690	1	22153
Flexcon M 8000	8000	6.0	10.0	1500		5090	1142	DN 100 **	2140	1	22154

* Adapter with flange connection PN 16 available (see Flexcon M-K).<>

** Flanges as per EN 1092-1 PN 16.<>



Advantages

The vessel is equipped with a replaceable bladder made from high-quality rubber. Particular benefits of use are achieved in installations with large variations between static pressure and pre-set pressure of the safety valve.

- Replaceable bladder.
- Nitrogen gas filling for longer maintenance of pre-pressure.

Technical information

- Max. operating pressure: 6.0 or 10.0 bar.
- Standard pre-charge: 3.0 or 6.0 bar (unless otherwise indicated).
- Red (RAL 3002) epoxy powder coating.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- Delivered with pressure gauge and height adjustable feet (except 1200 - 2000 litres).
- From 1200 litres:
- With inspection cover.
- The Flexcon M 1200 - 8000 can be fitted with a Flexvent Super.
- Vessels 100 - 1000 litres: in accordance with EN13831 / 1200 - 8000 litres: in accordance with AD2000.

- Suitable for systems with a flow temperature of 120 °C.
- Max. temperature bladder: 70 °C.
- In accordance with Pressure Equipment Directive 2014/68/EU.



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