

Membrane expansion vessels



Expansion vessels with fixed air cushion
from 8 L to 100 L

Membrane expansion vessels

The MN Vessel Range with fixed membrane is ideal for small heating and cooling systems up to 100 L in renovation or new build projects. The range has a simple design and robust construction.

Key features

- > **Range of vessel sizes available for different system needs**
from 8L to 100L
- > **Thick SBR Membrane adhering to EN 13831 standard**
ensures minimal diffusion of air into the system.
- > **Resilient steel body**
ensures vessel longevity
- > **Small vessels**
8L to 50L can be easily wall mounted



Technical description

Applications:

Heating and cooling systems.

Media:

Non-aggressive and non-toxic system media.
Addition of antifreeze agent up to 49%.

Pressure:

Min. admissible pressure, PS_{min}: 0 bar
Max. admissible pressure, PS: see Articles

Operating temperature:

- 10°C - +100°C

Material:

Vessel: Steel
Rubber membrane: SBR

Function, Equipment, Features

Fixed membrane according to EN 13831
vessel types MN-8 to MN-24: with bracket for easy wall hanging available.
Vessel type MN-35 and MN-50: with feet for easy wall hanging or upright installation.
Vessel types MN-80 to MN-100: for upright installation only.

Transportation and storing:

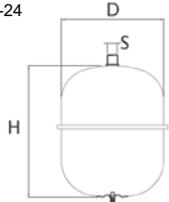
In frostless, dry places.

Standard:

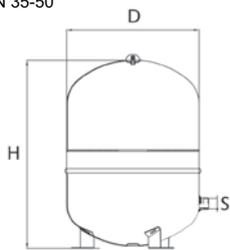
Constructed according to PED 2014/68/EU.

Articles

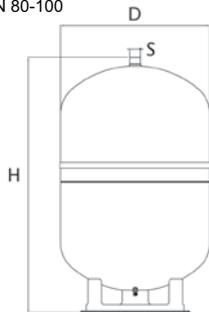
MN 8-24



MN 35-50



MN 80-100



Membrane Expansion Vessel MN

Type	VN [l]	p0 [bar]	D	H	Kg	S	EAN	Article No
Max working pressure 3,5 bar								
MN-8	8	1,5	245	280	2,30	M3/4"	8033003532881	11110 015008
MN-12	12	1,5	285	325	3,10	M3/4"	8033003532904	11110 015012
MN-18	18	1,5	285	395	3,60	M3/4"	8033003532911	11110 015018
MN-24	24	1,5	325	420	5,00	M3/4"	8033003532928	11110 015024

Max working pressure 6,0 bar

MN-35	35	1,5	380	435	6,15	M3/4"	8033003532935	11111 015035
MN-50	50	1,5	380	565	7,40	M3/4"	8033003532942	11111 015050
MN-80	80	1,5	460	690	12,40	M3/4"	8033003532959	11111 015080
MN-100	100	1,5	460	810	14,00	M3/4"	8033003532966	11111 015100

Accessories for pressure maintenance



Bracket

For Vessel Types MN-6 to MN-24

Type	W	H	Kg	EAN	Article No
with band, screw and fischer	107	90	0,24	8033003533109	15101 000002



Shut-off valve

Type	PS [bar]	Connections	W	H	Kg	EAN	Article No
for MN-vessels, 3/4"	10	FM 3/4"	70	100	0,34	8033003533093	15101 000001

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