

WELLMATE®

COMPOSITE EXPANSION TANKS FROM 50 LITRES UP TO 1000 LITRES

8.5 BAR - 50°C



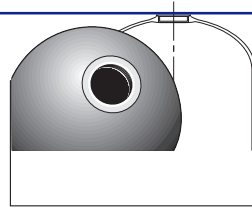
TYPE	Volume (lit.)	Diameter (cm)	Height (cm)	Connection (inch)	Weight (kg)
WM0060	55	41	66	1" M.NPT	6.6
WM0075	75	41	81	1" M.NPT	8.1
WM0120	112	41	112	1" M.NPT	11.2
WM0150	153	41	145	1" M.NPT	13.6
WM0180	178	53	105	1 1/4" M.NPT	19.5
WM0235	235	61	105	1 1/4" M.NPT	22.7
WM0330	328	61	140	1 1/4" M.NPT	33.0
WM0450	453	61	189	1 1/4" M.NPT	43.1

Membran Hydrofor der ikke rustet !

WellMate membran Beholderen er produceret med en inderkerne af Polyethylene (PE) der er godkendt til drikkevand, uden om kernen er der vævet glasfiber som forstærkningslag . Den indvendige gummisæk er af en kraftig kvalitet og godkendt til drikkevand. Der er ingen tvivl om, at WellMate Membran/ Hydroforer, er alle andre overlegne hvis man sammenligner kvalitet og pris, da man kan forvente en 5 til 10 gange længere holdbarhed. Mange billige membran beholdere i stål, rustet efter 1 til 2 år dette medfører at luft- fortrykket falder eller helt forsvinder. **En membran beholder uden luftfortryk er intet værd.**

Der ydes 5 års garanti for tæring fra installationsdatoen.
Kan bestilles på tlf. 70202626 eller. Fax 46595228





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COMPOSITE EXPANSION TANKS FROM 50 LITRES UP TO 1000 LITRES

10.0 BAR - 50°C

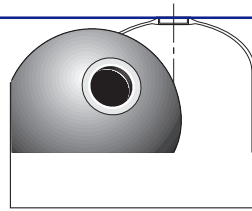


TYPE	Volume (lit.)	Diameter (cm)	Height (cm)	Connection (inch)	Weight (kg)
WM0600	606	76	174	2" M.BSP	76.2
WM0750	757	76	206	2" M.BSP	89.0
WM1000	1022	92	212	2" M.BSP	117.1



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WELLMATE®

TECHNICAL CHARACTERISTICS

DRAWDOWN FACTOR

Drawdown Factor

bar	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
1.5	0.200											
2.0	0.333	0.167										
2.5	0.429	0.286	0.143									
3.0	0.500	0.375	0.250	0.125								
3.5	0.556	0.444	0.333	0.222	0.111							
4.0	0.600	0.500	0.400	0.300	0.200	0.100						
4.5	0.636	0.545	0.455	0.364	0.273	0.182	0.091					
5.0	0.667	0.583	0.500	0.417	0.333	0.250	0.167	0.083				
5.5		0.615	0.538	0.462	0.385	0.308	0.231	0.154	0.077			
6.0		0.643	0.571	0.500	0.429	0.357	0.286	0.214	0.143	0.071		
6.5		0.667	0.600	0.533	0.467	0.400	0.333	0.267	0.200	0.133	0.067	
7.0			0.625	0.563	0.500	0.438	0.375	0.313	0.250	0.188	0.125	0.063
7.5			0.647	0.588	0.529	0.471	0.412	0.353	0.294	0.235	0.176	0.118
8.0			0.667	0.611	0.556	0.500	0.444	0.389	0.333	0.278	0.222	0.167

horizontal = min. system pressure (start) (p1)
vertical = max. system pressure (stop) (p2)

Drawdown (liter)

p1 (bar)	2.0	2.0	2.5	3.0	3.5
p2 (bar)	4.0	3.5	4.0	4.5	5.0
WM0060L	24	20	18	16	15
WM0075L	30	25	23	20	19
WM0120L	48	40	36	33	30
WM0150L	60	50	45	41	38
WM0180L	72	60	54	49	45
WM0235L	94	78	71	64	59
WM0330L	132	110	99	90	83
WM0450L	180	150	135	123	113
WM0600L	240	200	180	164	150
WM0750L	300	250	225	205	188
WM1000L	400	333	300	273	250

Example

pump delivery rate= 50 l/min (a)
 pump running time= 1.5 min (1'30") (b)
min. drawdown= 75 liter (a) x (b) (c)
 min. system pressure= 2.0 bar p1
 max. system pressure= 3.5 bar p2
drawdown factor= 0.333 (table) (d)
min. WellMate volume= 225 liter (c) / (d)

fitting WellMate volume= WMO235L

WellMate volume 235 liter (e)
 drawdown factor= 0.333 (table) (d)
 drawdown= 78.3 liter (d) x (e)

