



**Flamco**

Literature ref: 2A/01

# Flamco pressurisation units, packaged sealed system units and sets



BS EN ISO 9001  
Certificate No: FM 34109

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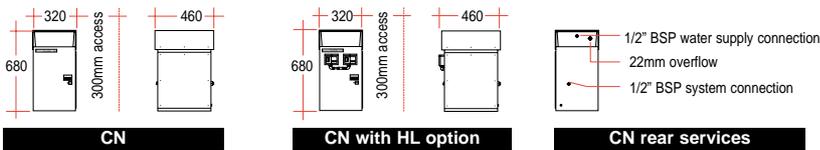
## Flexfiller sealed system pressurisation units

These highly successful range of pressurisation units are designed for use on sealed heating and cooling systems to maintain a minimum pressure and provide make-up.

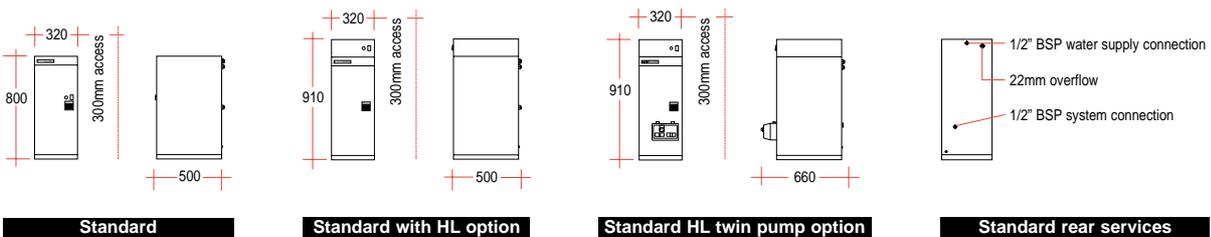
- An extensive range of features and options available. (Refer to pages 7/8).
- Cabinet housed space saving design.
- Centrifugal pump on 125 and 225 units.



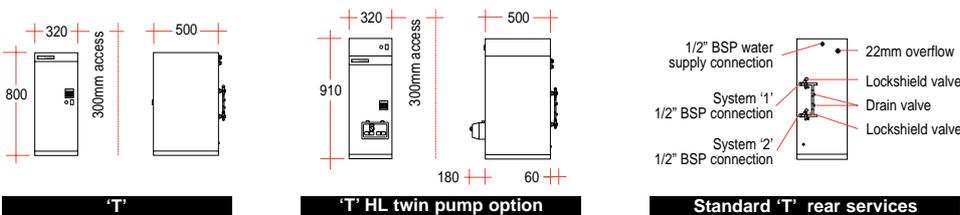
### Flexfiller CN range Economy type unit with no sacrifice in quality



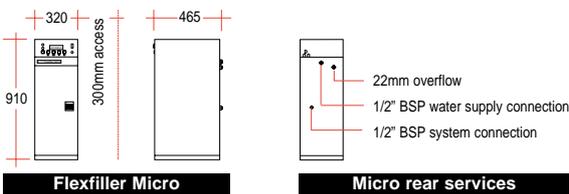
### Flexfiller Standard range The most comprehensive range of totally enclosed units



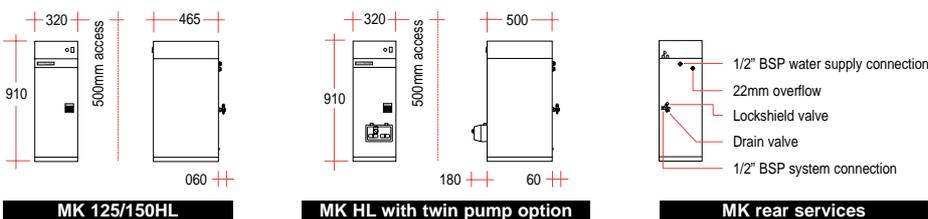
### Flexfiller Standard 'T' range Twin outlet version of standard range to serve two separate systems



### Flexfiller Micro range User friendly microprocessor controlled units



### Flexfiller MK range Designed for use with Flexcon M-K and M-P automatic control





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**Presspak packaged sealed system sets**

A sealed system package which consists of three components:-

- A Flexcon expansion vessel(s).
- A Flexfiller pressurisation unit.
- A connecting hose kit.

**Features and options** Please refer to pages 7/8.

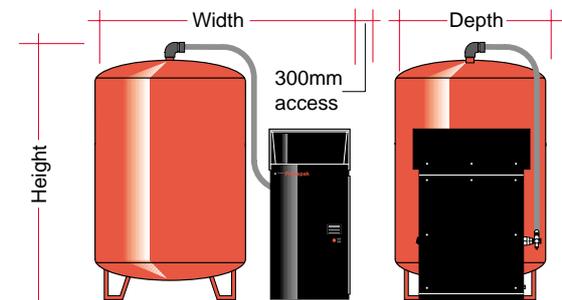
**Sizing**

Select in the same way as Flexcon Standard expansion vessels. (Refer to PDF 1C).



**Presspak CN range** Utilises the Flexfiller CN range of pressurisation units

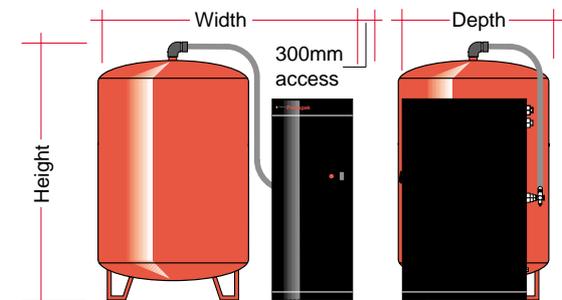
Type	Width	Depth	Height	Weight kg
Presspak CN 35	767	525	680	32
Presspak CN 50	767	525	680	40
Presspak CN 80	890	525	680	45
Presspak CN 110	854	525	784	64
Presspak CN 140	854	525	950	70
Presspak CN 200	970	600	960	67
Presspak CN 300	970	600	1330	82
Presspak CN 425	1160	790	1180	101
Presspak CN 600	1160	790	1510	118
Presspak CN 800	1160	790	1890	162
Presspak CN 1000	1160	790	2270	171
<i>Presspak CN 2 x 600</i>	<i>2000</i>	<i>790</i>	<i>1510</i>	<i>211</i>
<i>Presspak CN 2 x 800</i>	<i>2000</i>	<i>790</i>	<i>1890</i>	<i>299</i>
<i>Presspak CN 2 x 1000</i>	<i>2000</i>	<i>790</i>	<i>2270</i>	<i>317</i>



For service connections refer to Flexfiller CN range, page 2.

**Presspak FF range** Utilises the Flexfiller Standard range range of pressurisation units

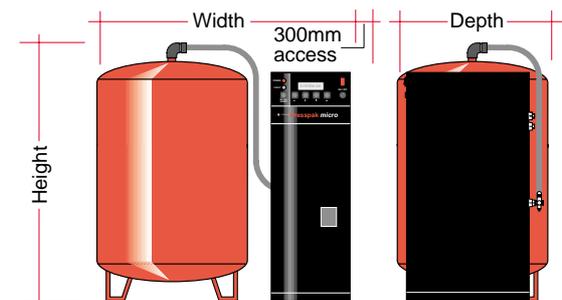
Type	Width	Depth	Height	Weight kg
Presspak FF 35	767	525	680	34
Presspak FF 50	767	525	680	44
Presspak FF 80	890	525	680	47
Presspak FF 110	854	525	784	66
Presspak FF 140	854	525	950	72
Presspak FF 200	970	600	960	69
Presspak FF 300	970	600	1330	84
Presspak FF 425	1160	790	1180	103
Presspak FF 600	1160	790	1510	200
Presspak FF 800	1160	790	1890	164
Presspak FF 1000	1160	790	2270	173
<i>Presspak FF 2 x 600</i>	<i>2000</i>	<i>790</i>	<i>1510</i>	<i>213</i>
<i>Presspak FF 2 x 800</i>	<i>2000</i>	<i>790</i>	<i>1890</i>	<i>301</i>
<i>Presspak FF 2 x 1000</i>	<i>2000</i>	<i>790</i>	<i>2270</i>	<i>319</i>



For service connections refer to Flexfiller standard range, page 2.

**Presspak Micro range** Utilises the Flexfiller Micro range of pressurisation units

Type	Width	Depth	Height	Weight kg
Presspak Micro 35	767	525	680	45
Presspak Micro 50	767	525	680	53
Presspak Micro 80	890	525	680	58
Presspak Micro 110	854	525	784	77
Presspak Micro 140	854	525	950	83
Presspak Micro 200	970	600	960	80
Presspak Micro 300	970	600	1330	95
Presspak Micro 425	1160	790	1180	114
Presspak Micro 600	1160	790	1510	131
Presspak Micro 800	1160	790	1890	175
Presspak Micro 1000	1160	790	2270	184
<i>Presspak Micro 2 x 600</i>	<i>2000</i>	<i>790</i>	<i>1510</i>	<i>224</i>
<i>Presspak Micro 2 x 800</i>	<i>2000</i>	<i>790</i>	<i>1890</i>	<i>312</i>
<i>Presspak Micro 2 x 1000</i>	<i>2000</i>	<i>790</i>	<i>2270</i>	<i>330</i>



For service connections refer to Flexfiller Micro range, page 2.



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## Basepak packaged sealed system units

A range of units consisting of a Flexfiller pressurisation unit and a Flexcon standard expansion vessel(s) with interconnecting pipework.

- Base mounted. ● No on-site assembly. ● Complete with valves and fittings.

**Features and options** Please refer to pages 7/8.

### Sizing

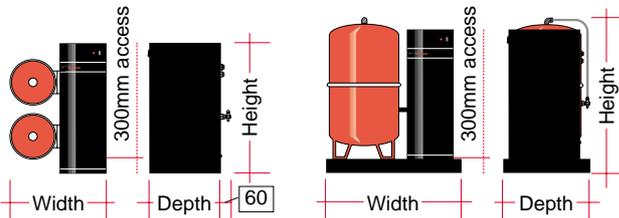
Select in the same way as Flexcon Standard expansion vessels. (Refer to PDF 1C).



### Basepak Standard range Utilises the Flexfiller Standard HL range of pressurisation units

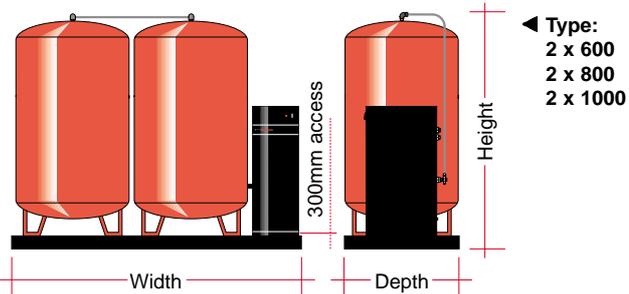
Type	Width	Depth	Height	Weight kg
Basepak S 25	630	525	920	41
Basepak S 50	630	525	920	46
<hr/>				
Basepak S 80	940	600	1010	75
Basepak S 110	940	600	1010	90
Basepak S 140	940	600	1100	98
Basepak S 200	940	600	1450	105
Basepak S 300	940	600	1480	135
Basepak S 425	1170	800	1330	155
Basepak S 600	1170	800	1660	190
Basepak S 800	1170	800	2030	225
Basepak S 1000	1170	800	2420	245
<hr/>				
Basepak S 2 x 600	2000	800	1660	323
Basepak S 2 x 800	2000	800	2030	391
Basepak S 2 x 1000	2000	800	2420	431

For service connections refer to Flexfiller Standard range, page 2.



▲ Type: 25 and 50

▲ Type: 80 to 1000

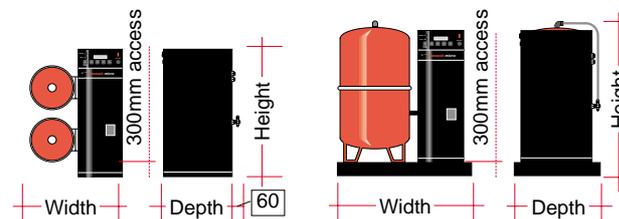


◀ Type:  
2 x 600  
2 x 800  
2 x 1000

### Basepak Micro range Utilises the Flexfiller Micro range of pressurisation units

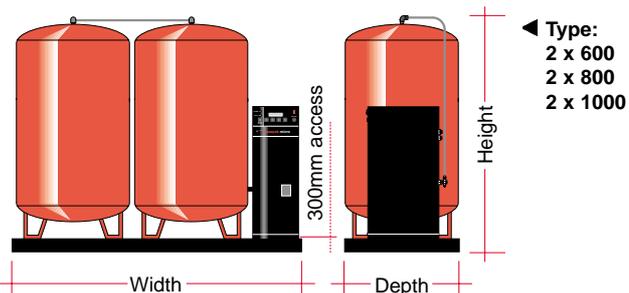
Type	Width	Depth	Height	Weight kg
Basepak M 25	630	525	920	41
Basepak M 50	630	525	920	46
<hr/>				
Basepak M 80	940	600	1010	75
Basepak M 110	940	600	1010	90
Basepak M 140	940	600	1100	98
Basepak M 200	940	600	1450	105
Basepak M 300	940	600	1480	135
Basepak M 425	1170	800	1330	155
Basepak M 600	1170	800	1660	190
Basepak M 800	1170	800	2030	225
Basepak M 1000	1170	800	2420	245
<hr/>				
Basepak M 2 x 600	2000	800	1660	323
Basepak M 2 x 800	2000	800	2030	391
Basepak M 2 x 1000	2000	800	2420	431

For service connections refer to Flexfiller Micro range, page 2.



▲ Type: 25 and 50

▲ Type: 80 to 1000



◀ Type:  
2 x 600  
2 x 800  
2 x 1000



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Combipak packaged sealed system units

A range of units utilising one common pressurisation unit with two Flexcon expansion vessels serving separate systems with a similar static height.  
 ● Baseplate mounted. ● No on site assembly. ● Complete with valves and fittings.



**Features and options** Please refer to pages 7/8.

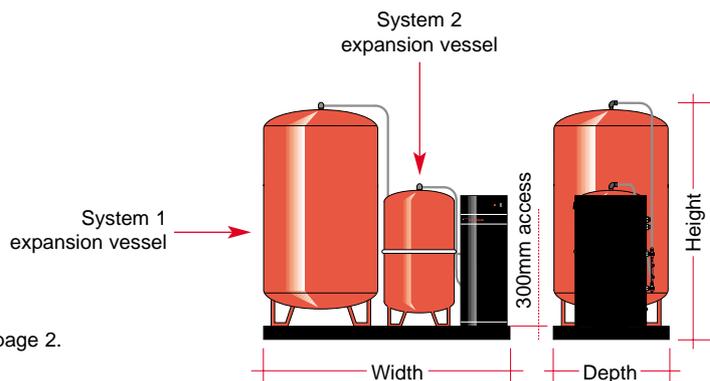
**Sizing**

Each system is selected in the same way as Flexcon Standard expansion vessels. (Refer to PDF 1C).

**Combipak Standard range** Utilises Flexfiller Standard T range with HL option pressurisation units

Type		Width	Depth	Height	Weight kg
Exp V1	Exp V2				
1000	x 1000	2000	600	2420	400
1000	x 800	2000	600	2420	392
1000	x 600	2000	600	2420	338
1000	x 425	2000	600	2420	332
1000	x 300	1800	600	2420	312
1000	x 200	1800	600	2420	297
1000	x 140	1700	600	2420	300
1000	x 110	1700	600	2420	294
1000	x 80	1700	600	2420	275
1000	x 50	1600	600	2420	262
1000	x 35	1600	600	2420	255
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800	x 800	2000	600	2030	372
800	x 600	2000	600	2030	328
800	x 425	2000	600	2030	302
800	x 300	1800	600	2030	292
800	x 200	1800	600	2030	277
800	x 140	1700	600	2030	280
800	x 110	1700	600	2030	274
800	x 80	1700	600	2030	255
800	x 50	1600	600	2030	249
800	x 35	1600	600	2030	242
<hr/>					
600	x 600	2000	600	1660	293
600	x 425	2000	600	1660	267
600	x 300	1800	600	1660	257
600	x 200	1800	600	1660	242
600	x 140	1700	600	1660	245
600	x 110	1700	600	1660	239
600	x 80	1700	600	1660	220
600	x 50	1600	600	1660	214
600	x 35	1600	600	1660	207
<hr/>					
425	x 425	2000	600	1330	232
425	x 300	1800	600	1330	222
425	x 200	1800	600	1330	207
425	x 140	1700	600	1330	210
425	x 110	1700	600	1330	204
425	x 80	1700	600	1330	185
425	x 50	1600	600	1330	179
425	x 35	1600	600	1330	172

Type		Width	Depth	Height	Weight kg
Exp V1	Exp V2				
300	x 300	1600	600	1480	202
300	x 200	1600	600	1480	187
300	x 140	1500	600	1480	190
300	x 110	1500	600	1480	184
300	x 80	1500	600	1480	165
300	x 50	1400	600	1480	159
300	x 35	1400	600	1480	152
<hr/>					
200	x 200	1600	600	1450	157
200	x 140	1500	600	1450	160
200	x 110	1500	600	1450	154
200	x 80	1500	600	1450	135
200	x 50	1400	600	1450	129
200	x 35	1400	600	1450	122
<hr/>					
140	x 140	1400	600	1100	153
140	x 110	1400	600	1100	147
140	x 80	1400	600	1100	128
140	x 50	1300	600	1100	122
140	x 35	1300	600	1100	115
<hr/>					
110	x 110	1400	600	1010	139
110	x 80	1400	600	1010	120
110	x 50	1300	600	1010	114
110	x 35	1300	600	1010	107
<hr/>					
80	x 80	1500	600	1010	105
80	x 50	1400	600	1010	99
80	x 35	1400	600	1010	92
<hr/>					
50	x 50	1200	600	1010	94
50	x 35	1200	600	1010	87
<hr/>					
35	x 35	1200	600	1010	79



For service connections refer to Flexfiller Standard 'T' range, page 2.



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## Flexconpak packaged sealed system units

A range of units with a unique space saving design.

- Flexcon expansion vessel and pressurisation unit housed in one cabinet.
- Add on module for complete integration and flexibility.
- Weatherproof options complete with internal heater for frost protection.

**Features and options** Please refer to pages 7/8.

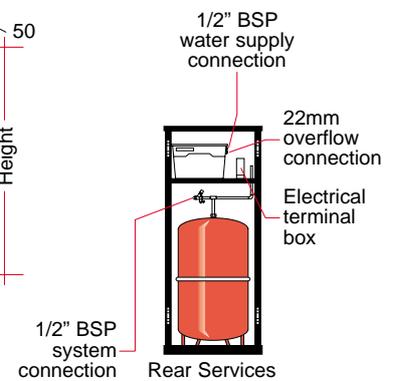
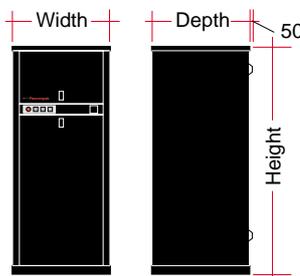
### Sizing

Select in the same way as Flexcon Standard expansion vessels. (Please refer PDF 1C).



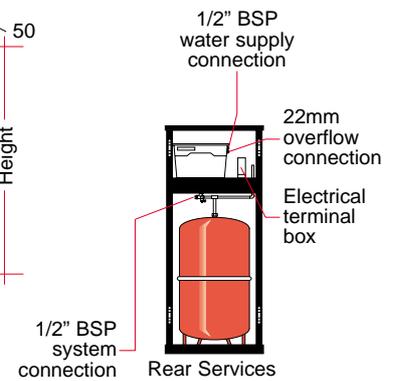
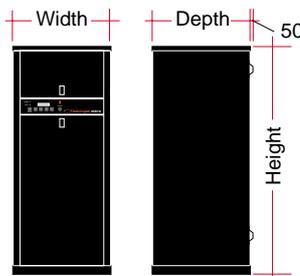
### Flexconpak Standard range

Type	Width	Depth	Height	Weight kg
Flexconpak 25	680	680	1200	84
Flexconpak 35	680	680	1200	86
Flexconpak 50	680	680	1200	90
Flexconpak 80	680	680	1200	95
Flexconpak 110	680	680	1590	114
Flexconpak 140	680	680	1590	118
Flexconpak 200	730	730	1970	138
Flexconpak 300	730	730	1970	170
Flexconpak 425	940	940	1800	215
Flexconpak 600	940	940	2290	258



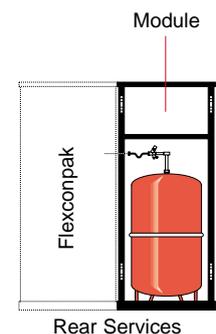
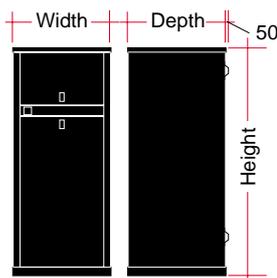
### Flexconpak Micro range

Type	Width	Depth	Height	Weight kg
Flexconpak Micro 25	680	680	1200	84
Flexconpak Micro 35	680	680	1200	86
Flexconpak Micro 50	680	680	1200	90
Flexconpak Micro 80	680	680	1200	95
Flexconpak Micro 110	680	680	1590	114
Flexconpak Micro 140	680	680	1590	118
Flexconpak Micro 200	730	730	1970	138
Flexconpak Micro 300	730	730	1970	170
Flexconpak Micro 425	940	940	1800	215
Flexconpak Micro 600	940	940	2290	258



### Flexconpak modules

Type	Width	Depth	Height	Weight kg
Module 25	680	680	1200	84
Module 35	680	680	1200	86
Module 50	680	680	1200	90
Module 80	680	680	1200	95
Module 110	680	680	1590	114
Module 140	680	680	1590	118
Module 200	730	730	1970	138
Module 300	730	730	1970	170
Module 425	940	940	1800	215
Module 600	940	940	2290	258



Supplied with pipework to connect up to the Flexconpak unit. Multiple modules may be used



## General specification for pressurisation units

- Epoxy powder coated finish - Black on CN units  
- Grey BS.381C-671 all other units.
- WRC listed controls and fittings.
- Break tank filter.
- Type 'A' air gap.
- Illuminated on/off switch, panel mounted.
- Cartridge fuse protection.
- HL units have safe on-line controls if the pressurisation unit is isolated.
- Lockshield isolating and drain valve.
- Pressure gauge.
- Pump accumulator.

## Pump and electrical details

Electrical supply: 1/50/220 - 240V.					
Type	Pumps		Maximum pressure up to (bar)	Current	
	Single	Duty & standby		SC	FLC
125	●		2.5	5.2	2.5
225		●	2.5	5.2	2.5
150	●		5.0	19.4	2.7
250		●	5.0	19.4	2.7

## Non standard units

Supplied to suit customer requirements.

## Regulations and standards for reference

- BS. 4814. Expansion Vessels.
- BS. 7074. Code of Practice.
- BS. 6644. 11. 2. 2. Pressurisation Units.
- HSE. PM5 Guidance.
- HSE. Pressure Systems and Transportable Gas Container Regulations.

## Installation

Please refer to information sheet 1C for schematic diagrams.

Please refer to BS. 7074 Code of Practice.

Please note: A suitable safety valve must be fitted to the system.

- Flamco UK Limited reserve the right to alter specification and design without prior notice.
- All dimensions are in millimetres and are approximate.
- Weights are for empty units and are approximate.
- Width and depth dimensions on Presspaks are variable.

