

Chesil mk2 pressurisation unit

5 models single/twin pump



Wall hung and floor standing pumped pressurisation units for sealed heating systems.

A pressurisation unit removes the need for cold water header tanks and associated pipe work, or eliminates reliance on mains pressure to provide the system head.

Key benefits:

- > Compact design saves space
- > Choice of configurations
- > Increases security of heating system
- > Electronic controls
- > BMS compatible for system integration
- > Easy access for operation and settings
- > Reduces installation costs
- > 2 year warranty

Options:

- > Floor standing or wall hung
- > Single or twin pumps
- > Expansion vessels

Chesil mk2 Pressurisation Unit Type		Chesil mk2 SW	Chesil mk2 SF	Chesil mk2 TW	Chesil mk2 TF	Chesil mk2 TFHP	
UIN		241437	241438	241439	241440	241441	
Configuration		Wall Mounted	Floor Standing	Wall Mounted	Floor Standing	Floor Standing	
Pump		Single	Single	Twin	Twin	Twin	
Controls		Electronic	Electronic	Electronic	Electronic	Electronic	
GENERAL DATA	Weight (empty)	kg	23.5	25	40	41	
	Weight (full)	kg	30.5	35	49	51	
	Maximum cold fill pressure	bar	3	3	3	3	6
	Minimum cold fill pressure	bar	1	1	1	1	3
	Maximum water flow rate	l/min	35	35	35	35	50
	Maximum water flow rate @ max cold fill pressure	l/min	12	12	12	12	28
Noise level	dBA	<70	<70	<70	<70	<70	
ELECTRICAL	Electrical supply	230V AC 50Hz 1Ph	230V AC 50Hz 1Ph	230V AC 50Hz 1Ph	230V AC 50Hz 1Ph	230V AC 50Hz 1Ph	
	Pressure transducer contact rating		4-20ma	4-20ma	4-20ma	4-20ma	4-20ma
	Volt free contact rating		6a/240v	6a/240v	6a/240v	6a/240v	6a/240v
	Start current (per pump motor)	Amps	7.3	7.3	7.3	7.3	24
Run current (per pump motor)	Amps	1.9	1.9	1.9	1.9	4.4	
FACTORY SETTINGS	Cold fill pressure	bar	2.5	2.5	2.5	2.5	5
	Low pressure setting	bar	0.7	0.7	0.7	0.7	0.7
	High pressure setting	bar	4	4	4	4	6
	Expansion vessel charge pressure	bar	1.7	1.7	1.7	1.7	1.7
SYSTEM PARAMETERS FOR FACTORY SETTINGS	Maximum water flow temperature	°C	80	80	80	80	80
	Maximum static height	m	40.5	40.5	40.5	40.5	62
	Minimum system operating pressure	bar	0.7	0.7	0.7	0.7	1
	Maximum system operating pressure	bar	4	4	4	4	6
DIMENSIONS	Nominal pressure differential	bar	0.3	0.3	0.3	0.3	0.3
	Height	mm	580	800	680	800	800
	Width	mm	570	500	670	500	500
CONNECTIONS	Depth	mm	300	300	315	350	350
	Mains cold water inlet	inch	1/2	1/2	1/2	1/2	1/2
	Overflow (polythene pipe) diameter	mm	20	20	20	20	20
System connection compression fitting, diameter	mm	15	15	15	15	15	