

Chesil technical data

Chesil pressurisation units

Specification	Units	Floor standing models			Wall mounted models		
			Single pump	Twin pump	Single pump		
		Standard controls	Electronic controls	Electronic controls	Standard controls	Electronic controls	
Model name		FSS	FSE	FTE	WSS	WSE	
General data	Weight (empty)	kg	23	23	29	21	21
	Weight (full)	kg	30.6	30.6	36.6	28.6	28.6
	Maximum cold fill pressure	bar	3.4	3.4	3.4	3.4	3.4
	Minimum cold fill pressure	bar	1.0	0.5	0.5	1.0	0.5
	Maximum water flow rate	l/min	6.0	6.0	6.0	6.0	6.0
	Maximum water flow rate @ maximum cold fill pressure	l/min	0.1	0.1	0.1	0.1	0.1
	Noise level	dBA	<60 @ 1 metre	<60 @ 1 metre	<60 @ 1 metre	<60 @ 1 metre	<60 @ 1 metre
Electrical data	Electrical supply		230V AC 50Hz 1Ph	230V AC 50Hz 1Ph	230V AC 50Hz 1Ph	230V AC 50Hz 1Ph	230V AC 50Hz 1Ph
	Pressure switch contact rating		15A 230V AC	n/a	n/a	15A 230V AC	n/a
	Volt free contact rating		n/a	13A 230V AC	13A 230V AC	n/a	13A 230V AC
	Start current (per pump motor)	Amps	9	9	9	9	9
	Run current (per pump motor)	Amps	2.8	2.8	2.8	2.8	2.8
Factory settings	Cold fill pressure	bar	1.8	1.8	1.8	1.8	1.8
	Low pressure switch setting	bar	1.3	1.3	1.3	1.3	1.3
	High pressure switch setting	bar	3.6	3.6	3.6	3.6	3.6
	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	82	82	82	82	82
	Maximum static height	m	16.5	16.5	16.5	16.5	16.5
	Minimum system operating pressure	bar	3.3	3.3	3.3	3.3	3.3
	Maximum system operating pressure	bar	7	7	7	7	7
	Safety relief valve setting (Not HHL supply)	bar	4	4	4	4	4
	Nominal pressure differential	bar	0.2	0.2	0.2	0.2	0.2
Connections	Mains cold water inlet	inch	½" BSP	½" BSP	½" BSP	½" BSP	½" BSP
	Overflow (polythene pipe) diameter	mm	32	32	32	32	32
	System connection compression fitting, diameter	mm	15	15	15	15	15