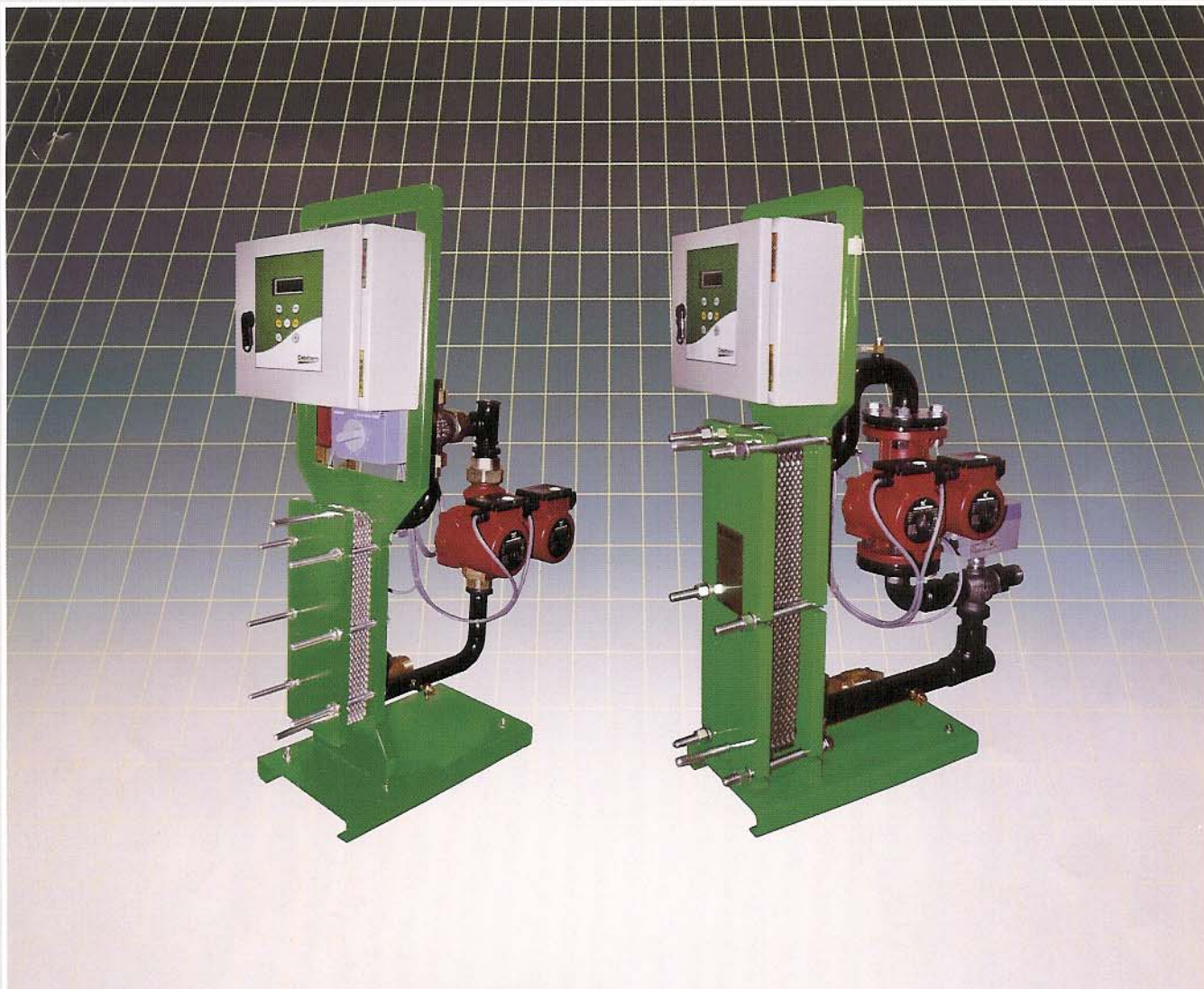




Cetemodule for generating hot water



The Cetemodule provides a compact and efficient means of generating hot water, without the need of storage. It can be used for various applications including factories, residential housing, hospitals, hotels and schools, where there is a constant demand for set temperature hot water. This can also be used in conjunction with combined heating and power (CHP) systems.

Modern design

- Economic to run as water is heated instantaneously
- High quality manufacture
- Engineered to provide simplicity in running with minimal maintenance requirements
- Supplied ready for piping & wiring to simplify installation

Technical information

Each Cetemodule model type within each range is rated for a maximum specific duty. However, by the addition of extra heat transfer plates the duty can be increased to the maximum for that particular Cetemodule range.

The plate heat exchanger is mounted on a steel base plate together with a primary pump, 3- or 4-port motorized control valve and an electric control box.

The control box is fitted with a P.I.D. temperature controller and mains switch. As standard BMS volt free contacts are provided.

A combined adjustable thermal overload / short circuit protection and high temperature contact within the motor body is provided for complete pump protection.

High quality components & controls

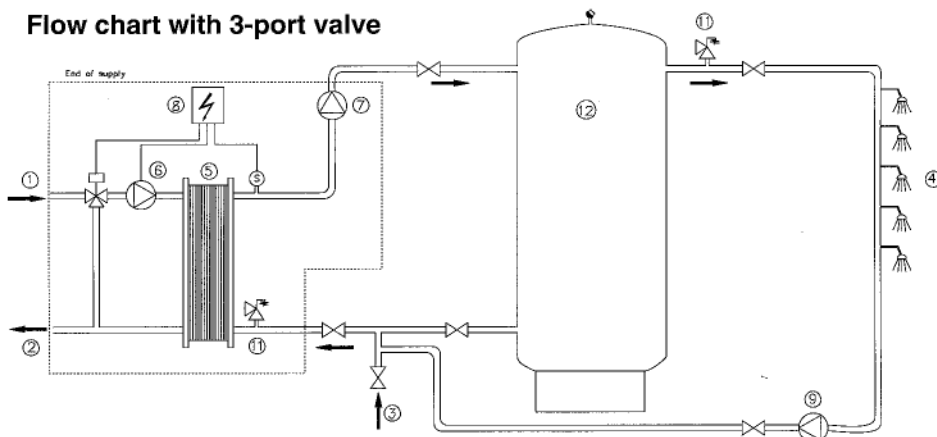
- Incorporates high grade stainless steel AISI 316 heat transfer plates for extended life
- EPDM gaskets
- Established quality pumps
- Anti-Legionella function
- Optional Extras:
 - Twin headed primary pump
 - Single headed secondary pump
 - Unvented system kit
 - Cetecell/Ceteniro buffer vessel



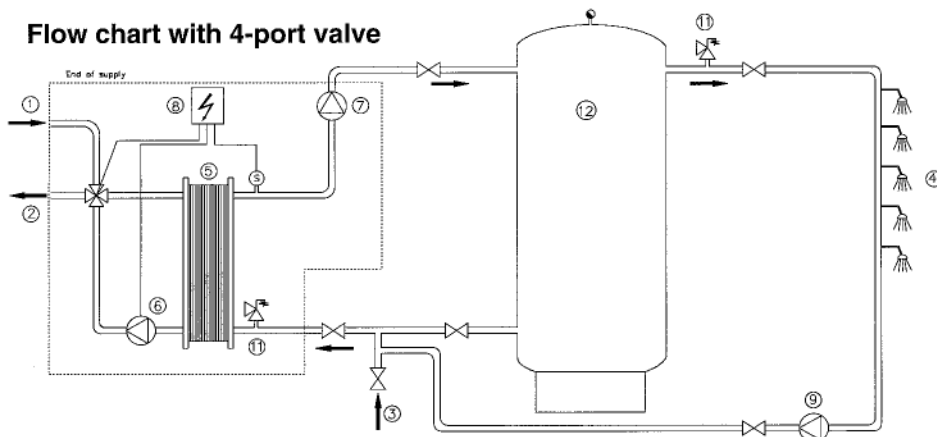
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Cetecmodule type	Heat Load (kW)	Primary 82°C Flow (l/s)	Secondary 10-60°C		
			Flow (l/s)	ΔP kPa	Single pump Free pressure kPa
VS11	41	0.75	0.20	5	34
VS15	55	0.86	0.26	5	32
VS21	76	1.00	0.36	6	28
VS27	95	1.10	0.45	7	24
VS37	116	1.16	0.56	7	53
VS47	137	1.19	0.66	8	51
B107	51	0.69	0.24	8	34
B109	71	0.86	0.34	9	26
B113	98	1.08	0.47	8	56
B119	155	1.36	0.75	10	45
B131	210	1.61	1.00	8	39
J317	285	2.58	1.36	22	16
J321	349	2.75	1.67	23	11
J325	407	3.06	1.94	22	6
J329	442	3.17	2.14	21	4
J343	516	3.22	2.50	15	4
J533	574	4.36	2.78	28	32
J539	632	4.61	3.06	26	30
J543	690	4.86	3.33	28	19
J551	750	5.06	3.61	26	10
S239	832	5.47	4.00	16	34
S247	942	5.81	4.53	15	25
S261	1130	6.56	5.44	14	6

Flow chart with 3-port valve



Flow chart with 4-port valve



1. Primary input
2. Primary output
3. Cold water input
4. Tap water
5. Plate Heat Exchanger
6. Primary pump
7. Secondary pump
8. Control box
9. Recycling pump
11. Safety valve
12. Cetecell/Cetenero buffer wessel