

Electronic regulation equipment for MX™ thermal heaters



The VESTA™ steam regulation kit is:

- **Sized to actual application.**
- **Very accurate.**
- **Easy to operate.**

The electronic regulation system for the VESTA™ is supplied as a number of components sized according to the application.

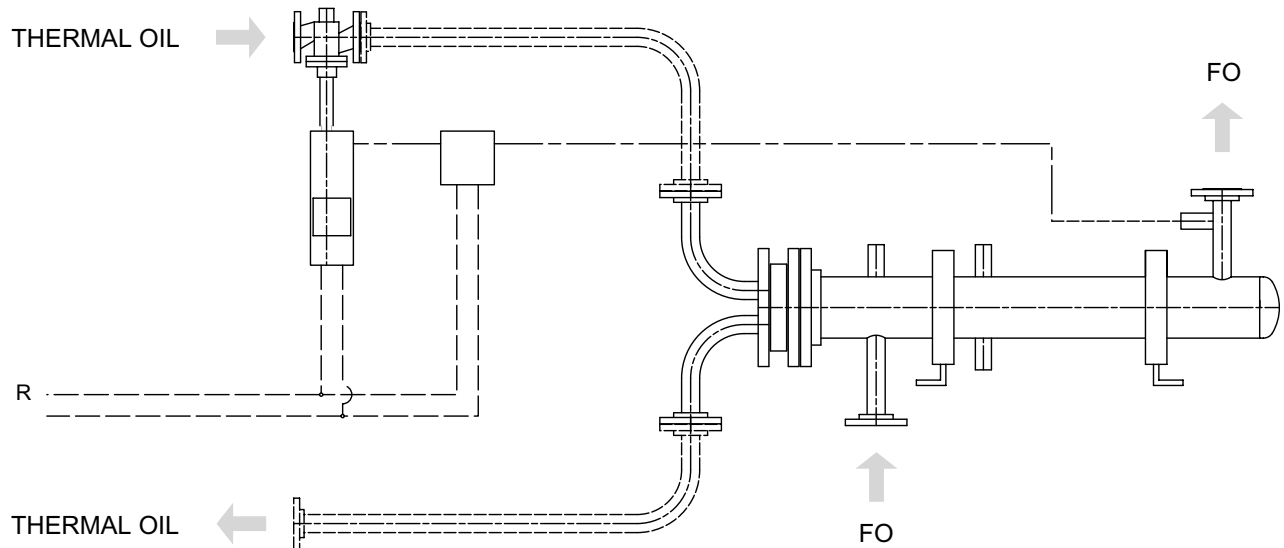
The control system is by use of a PT100 sensor in the outlet of the heated medium and a PI-regulator operating a motorized valve.

The desired outlet temperature is set on the PI-regulator. Fluctuations in flow will result in changes of the measured temperature and thus the signal to the PI-regulator which in return will further open or close the thermal oil flow.

The electronic system is very accurate and used in system where it is essential that the temperature is kept constant at all times.

To secure both stable and reliable operation a cooling unit for the valve motor is included.

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Electronic Regulation Equipment for thermal oil operated MX Heaters

Thermal Oil flow m ³ /h	Flanged Valve		Valve Motor		Cooling part		Temperature Sensor		Electronic PI regulator	
	Type	Part no	Type	Part no	Type	Part no	Type	Part no	Type	Part no
0 - 2.5	20G1F	87R0120	VB 90 - 230	87D3008	KS 5, >250°C	87R0002	FF12-1, 100/85	87D3009	ER2290 0-120	87D3006
2.5 - 5.0	25G2F	87D3014	VB 90 - 230	87D3008	KS 5, >250°C	87R0002	FF12-1, 100/85	87D3009	ER2290 0-120	87D3006
5.0 - 7.5	32G2F	87D3016	VB 90 - 230	87D3008	KS 5, >250°C	87R0002	FF12-1, 100/85	87D3009	ER2290 0-120	87D3006
7.5 - 10.0	32G2F	87D3016	VB 90 - 230	87D3008	KS 5, >250°C	87R0002	FF12-1, 100/85	87D3009	ER2290 0-120	87D3006
10.0 - 12.5	40G2F	87D3010	VB 90 - 230	87D3008	KS 5, >250°C	87R0002	FF12-1, 100/85	87D3009	ER2290 0-120	87D3006
12.5 - 15.0	40G2F	87D3010	VB 90 - 230	87D3008	KS 5, >250°C	87R0002	FF12-1, 100/85	87D3009	ER2290 0-120	87D3006
15.0 - 17.5	50G2F	87D3011	VB 90 - 230	87D3008	KS 5, >250°C	87R0002	FF12-1, 100/85	87D3009	ER2290 0-120	87D3006
17.5 - 20.0	50G2F	87D3011	VB 90 - 230	87D3008	KS 5, >250°C	87R0002	FF12-1, 100/85	87D3009	ER2290 0-120	87D3006
20.0 - 22.5	50G2F	87D3011	VB 90 - 230	87D3008	KS 5, >250°C	87R0002	FF12-1, 100/85	87D3009	ER2290 0-120	87D3006
22.5 - 25.0	50G2F	87D3011	V 1 230	87D3061	KS 5, >250°C	87R0002	FF12-1, 100/85	87D3009	ER2290 0-120	87D3006
25.0 - 27.5	65H2F	87A3001	V 1 230	87D3061	KS 5, >250°C	87R0002	FF12-1, 100/85	87D3009	ER2290 0-120	87D3006
27.5 - 30.0	65H2F	87A3001	V 1 230	87D3061	KS 5, >250°C	87R0002	FF12-1, 100/85	87D3009	ER2290 0-120	87D3006
30.0 - 32.5	65H2F	87A3001	V 1 230	87D3061	KS 5, >250°C	87R0002	FF12-1, 100/85	87D3009	ER2290 0-120	87D3006
32.5 - 35.0	65H2F	87A3001	V 1 230	87D3061	KS 5, >250°C	87R0002	FF12-1, 100/85	87D3009	ER2290 0-120	87D3006

Further information about the Aalborg Industries products can be downloaded from the web site: www.aalborg-industries.com or through the nearest representative.

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