

Electronic regulation equipment for MX™ steam 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.

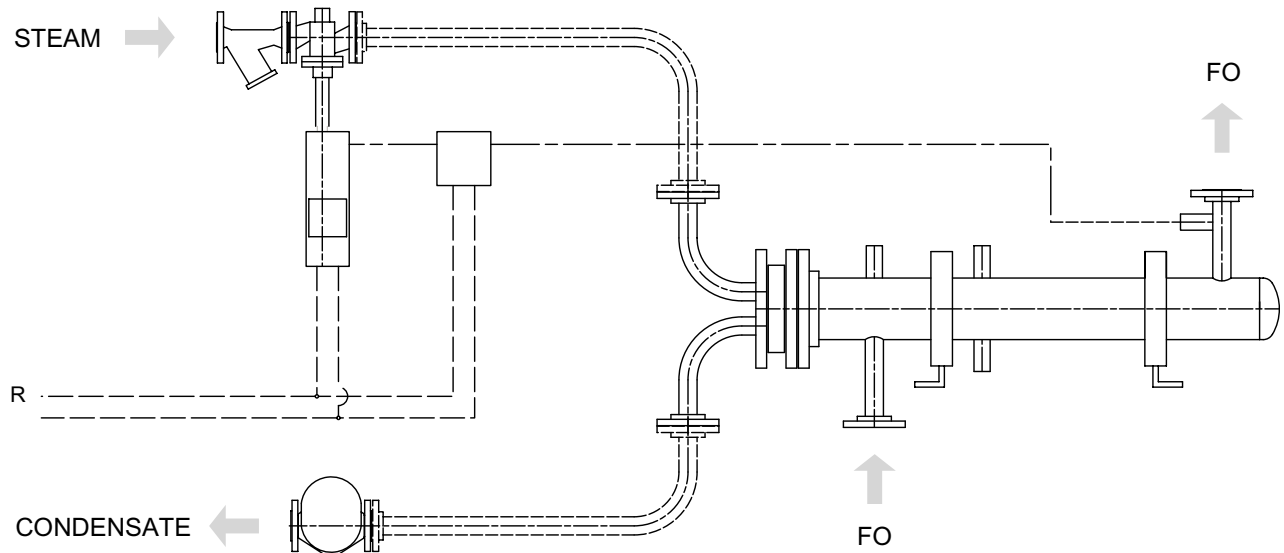
The control system is by use of a PT100 sensor in the outlet of the heated medium and a PI-regulator operating a motorized valve.

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 steam valve.

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 strainer in the steam line, a steam trap in the condensate as well a cooling unit for the valve motor is also included.

Electronic regulation equipment for MX™ steam heaters



Electronic Regulation Equipment for steam operated MX Heaters

| | Flanged Valve | Valve Motor | Cooling part | Temperature Sensor | Electronic PI regulator | Filter | Water discharger |
|---------------------------|---------------|-------------|--------------|--------------------|-------------------------|---------|------------------|
| Steam 7bar(g) max kg/h | Part no | Part no | Part no | Part no | Part no | Part no | Part no |
| 7 | 87R0105 | 87D3008 | 87R0001 | 87D3009 | 87D3006 | 87F1003 | 87K0015 |
| 33 | 87R0106 | 87D3008 | 87R0001 | 87D3009 | 87D3006 | 87F1003 | 87K0015 |
| 65 | 87R0109 | 87D3008 | 87R0001 | 87D3009 | 87D3006 | 87F1003 | 87K0015 |
| 122 | 87R0112 | 87D3008 | 87R0001 | 87D3009 | 87D3006 | 87F1003 | 87K0015 |
| 195 | 87D3018 | 87D3008 | 87R0001 | 87D3009 | 87D3006 | 87F1003 | 87K0015 |
| 350 | 87D3019 | 87D3008 | 87R0001 | 87D3009 | 87D3006 | 87F1004 | 87K0020 |
| 350 | 87D3021 | 87D3008 | 87R0001 | 87D3009 | 87D3006 | 87F1004 | 87K0020 |
| 540 | 87D3012 | 87D3008 | 87R0001 | 87D3009 | 87D3006 | 87A3010 | 87K0025 |
| 900 | 87D3013 | 87D3008 | 87R0001 | 87D3009 | 87D3006 | 87A3013 | N/A |
| 1400 | 87R0126 | 87D3061 | 87R0001 | 87D3009 | 87D3006 | 87F1001 | 87K0040 |

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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