



NRT 300: Electronic controller for air-conditioning systems. Small but great.

High on performance, yet economical and easy to use.

The versatile NRT 300 electronic air-conditioning controller, replete with heating/cooling sequence, has perfected the art of room-temperature control, be it for individual-room applications or zonal control, in VAV systems, for underfloor heating or chilled beams.

Superior features

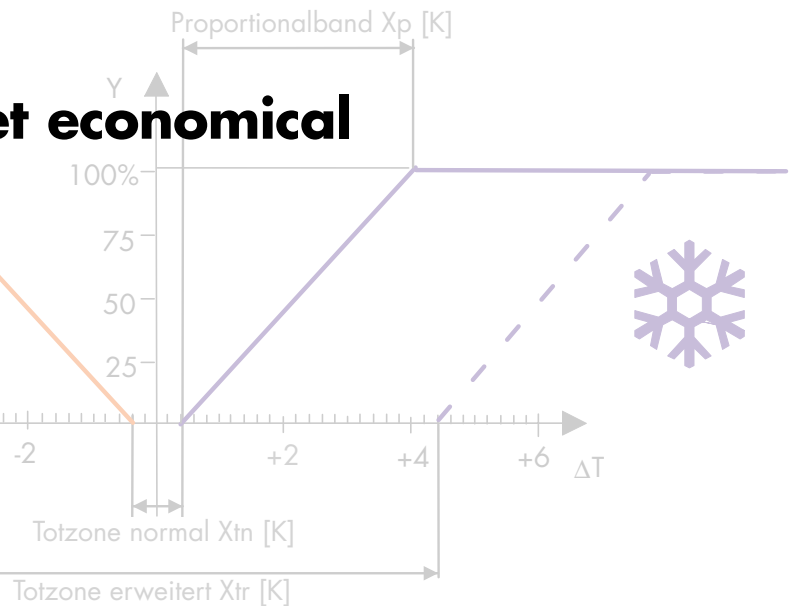
The NRT 300 boasts several features that markedly distinguish it from any comparable product:-

- High performance in 2- and 4-pipe systems thanks to a host of measurement and control inputs, e.g. for dew-point monitoring.
- Highly economical due to low price and minimum logistical costs (only 2 variants for all applications), plus its outstanding energy-saving potential, e.g. through the ability to change over directly between normal and reduced modes.
- Pleasant to use thanks to small housing (only 76 x 76 mm), ease of operation and modern design.
- Secure investment due to top-quality control functions such as P- or PI-control.

Superior technology

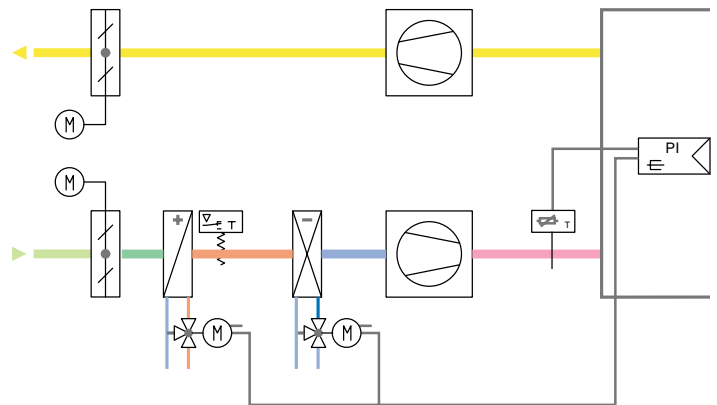
A glance at the main technical features confirms the NRT 300's superiority:-

- 2 x 2-point, 1 x 3-point or 2 x 0...10 V outputs
 - Inputs for:-
 - Dew-point monitoring
 - Setpoint shift
 - c/o signal
 - N/R mode
 - Temperature sensor
 - Setpoint knob for temperature
 - Analogue user interface with LED for operating status
- SERVICE level with settable parameters



NRT 300 control kits

For common applications, there are various so-called control kits available for use with the NRT 300. They comprise, for instance, ancillary equipment for supply-air control, chilled-beam control, radiator heating etc. – and all the components in these kits are well matched to each other.



The control kits simplify further the amount of work involved in acquiring and installing air-conditioning control systems, thereby improving cost-effectiveness for both the installer and, ultimately, the end customer. They provide the security of an overall solution from a single source.