

## SUT: Sauter Universal Technology. Same concept for all the drives.

- Any type of activation on one device: continuous/2-point/3-point and digital via an interface
- Automatically adapts itself to the valve/damper and converts the output signal to the actual working range
- Valve characteristic can be set individually
- Variable running time and automatic adaptation of the running time on initialising
- Integrated diagnosis functions, plus communication capability via bus systems using a module



Actuators with 800 N pushing force and lever for manual adjustment, and 500 N pushing force with spring return for emergency function; valve open or closed.

Valve models for any type of operation with wide range of nominal diameters and  $k_{vs}$  values.



**Intelligent or stand-alone controllers and field equipment from Sauter.**  
The technology standard for the utmost reliability and top control performance.



Actuators with up to 500 N pushing force and 8 mm stroke



Actuator with 2500 N pushing force without spring return, and 2000 N pushing force with spring return; mechanical manual adjustment; automatic drive-valve coupling.



Actuator with 1100 N pushing force and emergency function as per DIN 32730, with spring return and electrical manual adjustment; automatic drive-valve coupling.



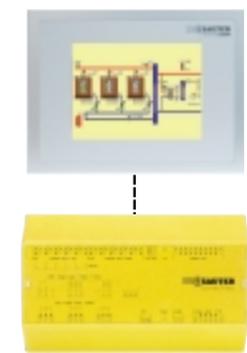
Damper drives from 5 Nm to 30 Nm of torque



The way in which measurement and control components work have a significant effect on the interior conditions and the running costs. This is why Sauter

has a full range of field equipment, stand-alone controllers and intelligent controllers that couple top control performance with supreme reliability.

## Sauter components. Comprehensive measurement and control technology from a single source.



### Control and monitor with easy remote access via novaFlex and touch-panel or novaWeb.

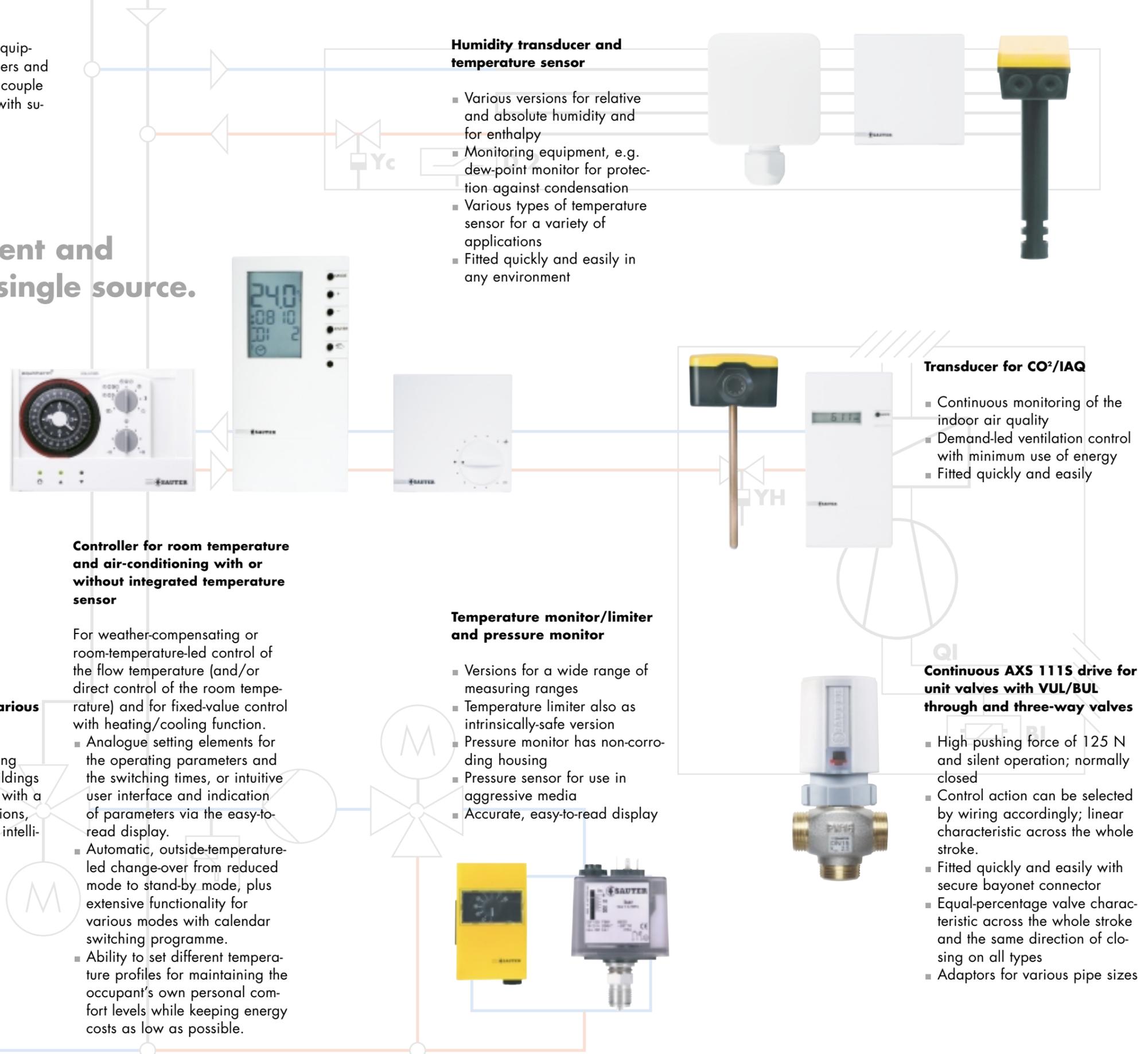
- Easy to match the functions to the circumstances
- Several controllers can be networked thanks to the integrated communication module
- Stand-alone solution without operating unit
- Easy-to-use graphical operating surface with touch-panel
- Remote access via ISDN or analogue modem



### novaWeb: one client, various servers.

The ideal remote monitoring system via internet for buildings spread over a wide area with a variety of automation stations, intelligent controllers and intelligent unitary controllers. For example, for use in:-

- Supermarket chains
- Branch offices of banks
- Municipal offices



### Humidity transducer and temperature sensor

- Various versions for relative and absolute humidity and for enthalpy
- Monitoring equipment, e.g. dew-point monitor for protection against condensation
- Various types of temperature sensor for a variety of applications
- Fitted quickly and easily in any environment

### Controller for room temperature and air-conditioning with or without integrated temperature sensor

For weather-compensating or room-temperature-led control of the flow temperature (and/or direct control of the room temperature) and for fixed-value control with heating/cooling function.

- Analogue setting elements for the operating parameters and the switching times, or intuitive user interface and indication of parameters via the easy-to-read display.
- Automatic, outside-temperature-led change-over from reduced mode to stand-by mode, plus extensive functionality for various modes with calendar switching programme.
- Ability to set different temperature profiles for maintaining the occupant's own personal comfort levels while keeping energy costs as low as possible.

### Temperature monitor/limiter and pressure monitor

- Versions for a wide range of measuring ranges
- Temperature limiter also as intrinsically-safe version
- Pressure monitor has non-corroding housing
- Pressure sensor for use in aggressive media
- Accurate, easy-to-read display

### Transducer for CO<sup>2</sup>/IAQ

- Continuous monitoring of the indoor air quality
- Demand-led ventilation control with minimum use of energy
- Fitted quickly and easily

### Continuous AXS 1115 drive for unit valves with VUL/BUL through and three-way valves

- High pushing force of 125 N and silent operation; normally closed
- Control action can be selected by wiring accordingly; linear characteristic across the whole stroke.
- Fitted quickly and easily with secure bayonet connector
- Equal-percentage valve characteristic across the whole stroke and the same direction of closing on all types
- Adaptors for various pipe sizes