

Smartzone



SMARTZONE LCD TOUCHPAD

Smartzone is without doubt the most advanced purpose built zoning solution in today's HVAC market. Specifically designed for reverse cycle units, smartzone accurately calculates and distributes air conditioning capacity exactly where it is needed.

Available for up to eight zones, smartzone calculates how much air is required in each zone by measuring the supply air temperature and comparing this against the setpoint and the current actual zone temperature.

Air is then regulated to each zone utilising our proprietary high speed actuated dampers. Installation can be carried out by unqualified personnel as the entire system is designed around 24 volt power supply.

The use of our innocab cabling system makes field wiring even easier reducing installation time by as much as 60% compared with conventional terminal style connectors.

Just attach the supplied plug and connect, its that simple. Commissioning time is virtually obsolete with pre calibrated sensors accurate to tenths of a degree.



SMARTZONE TOUCHPADS ARE AVAILABLE WITH EITHER SILVER OR WHITE SURROUNDS

Connectivity

Smartzone connects seamlessly to many of the IAS standard products to dramatically enhance its features. By connecting it to our range of plant controllers, Smartzone can totally control the air conditioning plant for both cooling and heating and even select the required fan speed based on the required volume of air.

Just a single LCD touchpad will automatically control required airflows, fan speeds, compressors, reversing valves etc..

Just set the required zone temperatures and forget the rest. Supply air bypass and spill functions are also included in the design as standard to maintain constant air flow over the indoor coil.

Communications

Smartzone is Data enabled allowing it to be integrated with any programmable automation system with RS485 communications. This feature will provide an access point for data connectivity to the smartzone allowing it to be totally controlled by the third party system and extends the total number of controllable zones to 2040.

Smartzone will even transmit data allowing these systems to display information such as zone setpoints, on- off status, and even current zone temperatures. A world first for automation-airconditioning integration.

If this isn't impressive enough, the Smartzone virtual touchpad software (Smart Talk) is available for personal computers that allows control up to 255 smartzone systems. Ideal for Apartment blocks, Hotels and even Multistory office developments where a central location is required for total control and monitoring functions.

No other zoning system compares to Smartzone, from its comprehensive list of features to its advanced connectivity. This truly is Amazing Control.

Innovative Air Systems

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