



SMXIIBB and TXB Switch Shown

Features

- Microprocessor control system
- More than 20 programmable functions
- Easy plug-in installation
- Automatic or manual fan speed control
- Easy operation with large dedicated function keys and LED indicators
- Two year warranty on new systems
- Auxiliary heat control
- Optional dehumidification control

SMX II Controls

The SMXII is a microprocessor-based electronic control for use with Cruisair tempered water air-conditioning systems, and for retrofit to any circulated water air handler.

The SMXII system consists of several components, which are ordered separately; the power/logic module, the keypad/display, temperature sensor, decorative switchplate, and interconnect cable. Refer to the back of this sheet for model numbers.

The SMXII keypad/display has a non-corrosive plastic cover with soft-touch buttons. The large, easy-to-read LED display shows setpoint or cabin temperature, and is also used to give information on operating parameters and fault code warnings. Small LED's are used to indicate system status. Switchplates are available in black, brown, white, or beige.

For normal operation, it is only necessary to press the RUN button and select desired setpoint. The air handler will cool or heat as needed, depending on the tempering unit mode. Fan speed is automatically controlled or can be manually set.

On air handlers with auxiliary electric heat, the system can change between cooling and heating automatically, by pressing the RUN and AUX HEATING buttons at the same time.

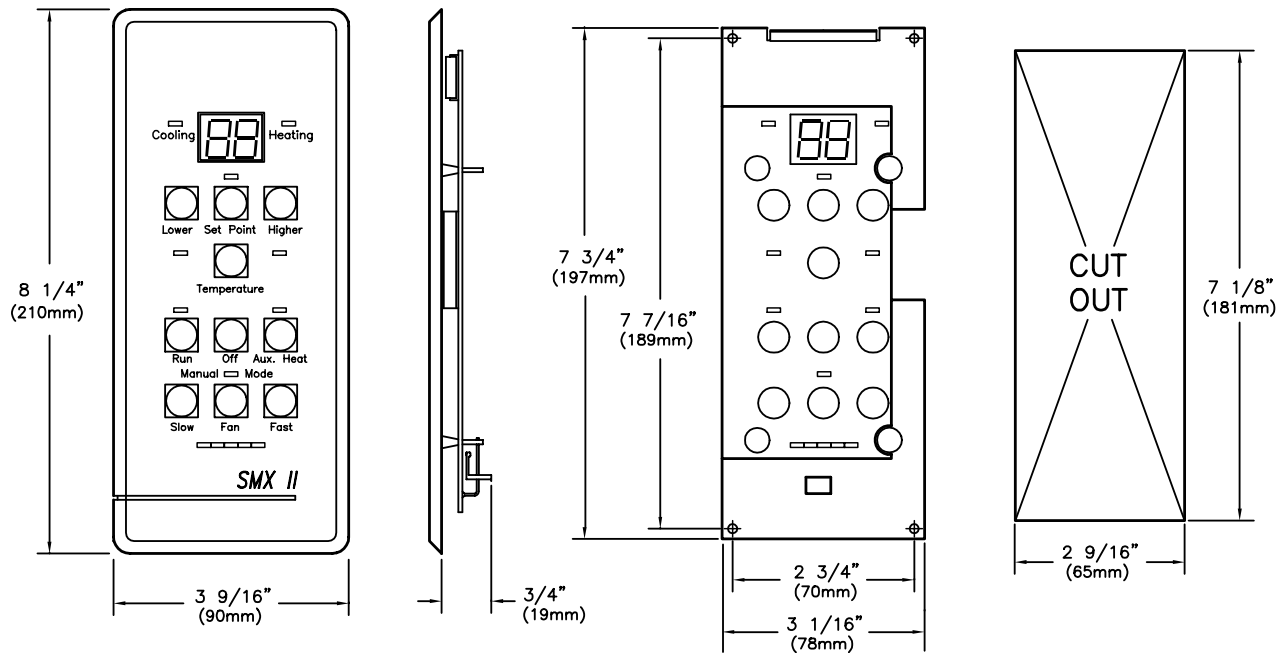
Factory settings can be changed to fine-tune the system for personal preferences. Programming modes are accessed by pressing special combinations of keys. Programmable features include:

- Temperature calibration
- Continuous or intermittent fan operation
- Low and high fan speed adjustment
- Fahrenheit or Celsius temperature display

The nonvolatile memory retains all user-programmed setting, even when power is switched off. The tempered water SMXII control also can operate auxiliary electric heat, as well as provide dehumidification control with an optional humidistat.

The required components for a complete SMXII control system include a PLTX power/logic box, SMXIIBB or SMXIIBN keypad, coverplate, CX cable, and TSE temperature sensor. On non-Cruisair air handlers, a change-over thermostat will be required for automatic cooling and heating control.

SMX II For Tempered Water Comfort Control Systems



ACCESSORIES

Keypad/Display

Model	Color
SMXIIBB	Black

Switchplates

Model	Color
TPXB	Black
TPXN	Brown
TPXW	White
TPXG	Beige

Temperature Sensors

Model	Length (ft/m)
TSEP2	2/0.6
TSEP5	5/1.5
TSE1P0	10/3.0
TSE1P5	15/4.6
TSE2P0	20/6.1
TSE3P0	30/9.1
TSE4P0	40/12.2
TSE6P0	60/18.3

Connecting Cables

Model	Length (ft/m)
CX5	5/1.5
CX10	10/3.0
CX15	15/4.6
CX20	20/6.1
CX30	30/9.1
CX40	40/12.2
CX60	60/18.3

Power/Logic Module

PLTX-HL

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