

Multi Space Display for Medical Suites

BULLETIN 878-C



Instant supervision of environmental conditions in multiple medical spaces is important not only for disease control but also for the best patient treatment. The Multi Space Display permits the medical professional to select a space and then to monitor and control the space atmospheres as the treatment requires.

The touch screen display is especially legible utilizing a 7 inch wide display with a resolution of 880 x 400 with 16 bit color. Communications is BACnet over Ethernet. Technology includes a 32 bit RISC Processor @250 mhz and a 256 MB flash memory and a 72 hour capacitor backup of the real time clock.

Multiple screens can display space specific information including at least space temperature, humidity and pressures as well as visual and audible alarms. Also included can be room status, occupied/unoccupied or a user selected status.

A typical application including 6 isolation rooms and a multi space display is shown below.

Each isolation room includes a supply air valve (sized for loads), an exhaust air valve to maintain space pressure and a local space monitor/controller. The Multi Space Display will poll each space and report on the required space conditions as requested.

Space monitoring devices can include temperatures, humidity and pressure sensors as well as annunciators for audible alarms.

