

APPLICATIONS

HYSPAN Venturi Flow Measurement Systems are used in any fluid system where flow measurement and balancing will provide assurance of an efficient, quality job. Venturis are used in hydronic systems, using hot water and

chilled water, for heating and air conditioning. They are found in office buildings, manufacturing plants, high rise apartments, hotels, motels and many other buildings where comfort of occupants is a critical factor. In Detroit, over 300 venturis are installed in the Federal Building and a new office building includes four 4" venturis in its equipment room.

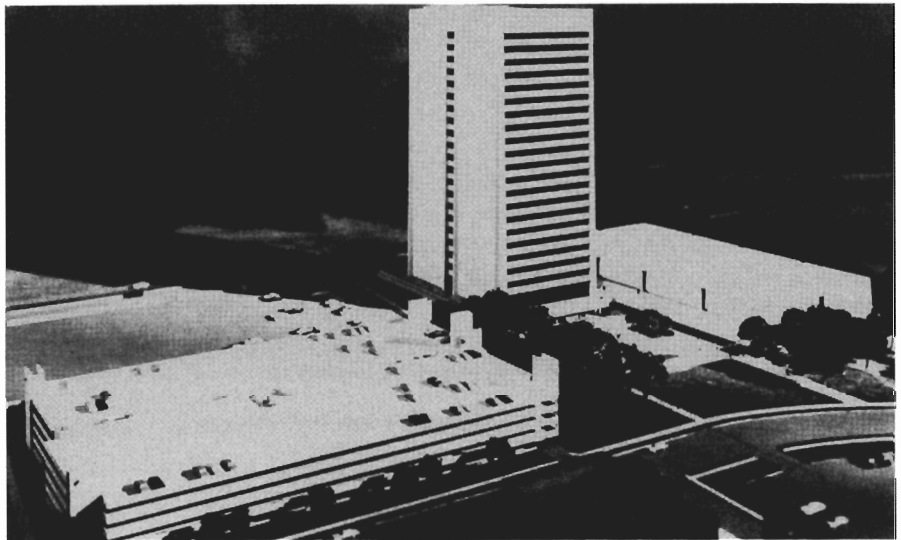
Flow measurement is becoming more important in the processing industries,

where piping systems carrying chemicals, hydrocarbons and other fluids must have flow measuring devices and valves for adjusting and balancing flows.

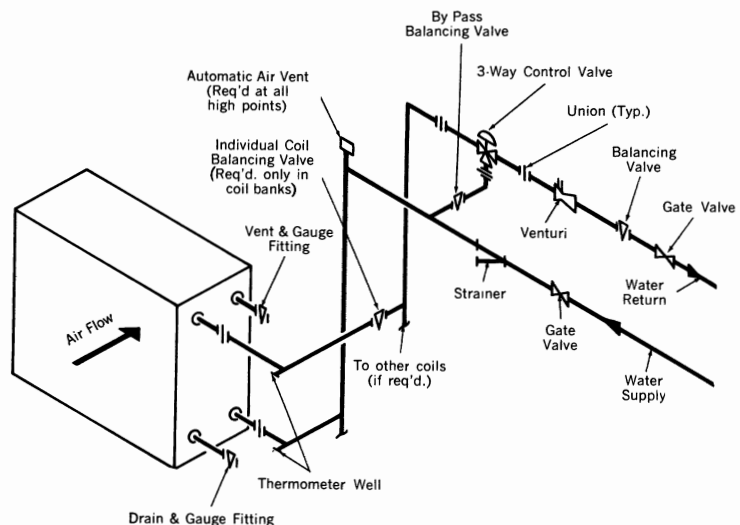
In most fan systems, venturi stations are located on return lines to reheat coils. A balancing valve is installed downstream to permit accurate balancing.



The **HYSPAN** Venturi Flow Measurement System is used in this large office building in the southeast.

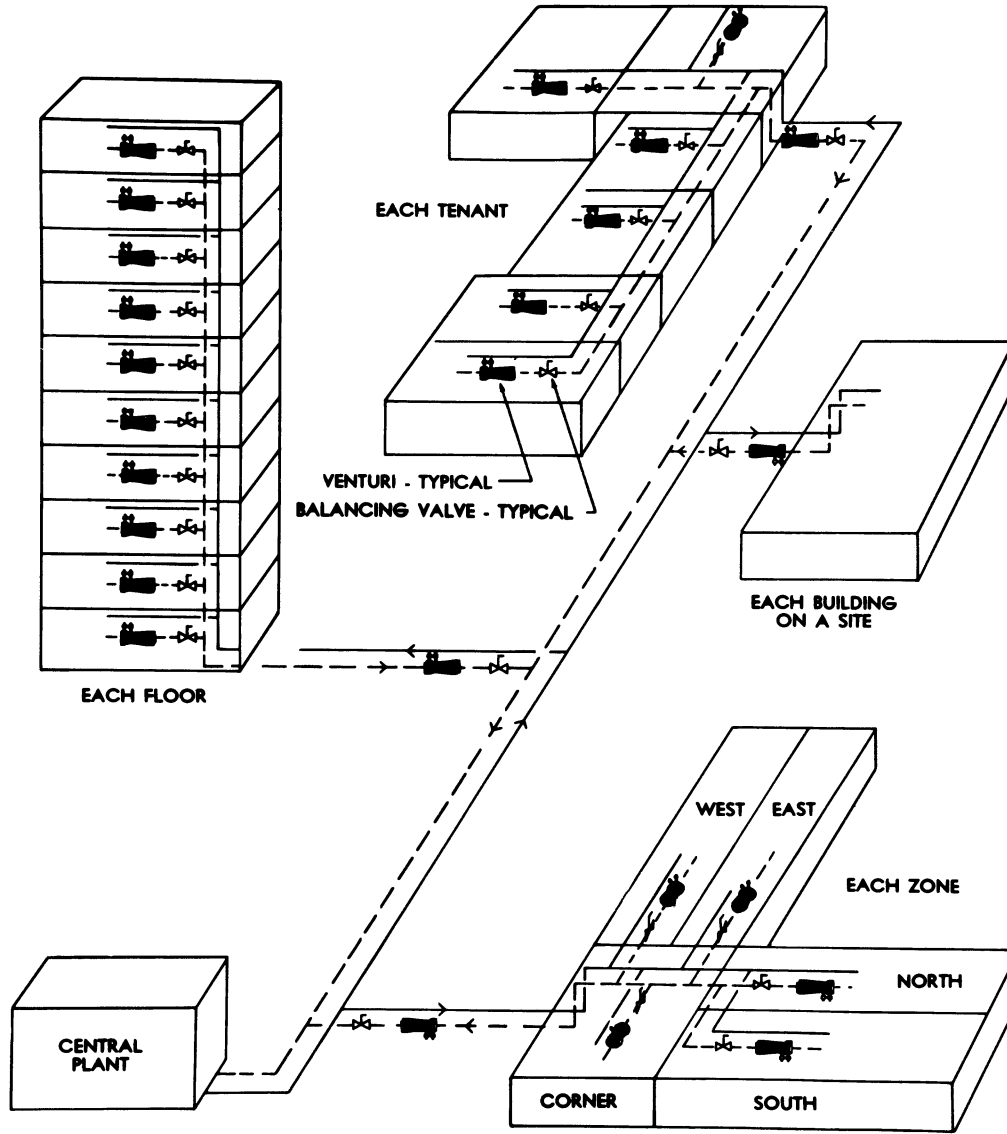


The Blue Cross/Blue Shield building in Detroit, Michigan, designed by Giffels Associates, calls for more than 300 venturi stations installed on return lines in the building's 33 fan systems.



Shown above is a typical water coil piping design similar to those used in the Blue Cross/Blue Shield building in Detroit.

TYPICAL INSTALLATION



FIRE PUMP FLOW TESTING

One man can flow test fire pump systems in minutes, using a venturi with fixed meter installed in a bypass, as shown here. Designed to meet Factory Mutual specifications with long-term accuracy. See separate bulletin for details.

