

COMFORT COMPUTER

A solid-state guardian of your heating needs—with no moving parts, no fancy connections—just carefree comfort.

The Comfort Computer has several advantages over conventional thermostat or zone control mechanisms including outdoor temperature sensors. It is not directly dependent on indoor-outdoor temperature variance, so you need not worry about finding a special location for it—or concern yourself with shade effects, wind change or those days when the sun cannot make up its mind whether to shine or not.

And this electronic marvel really pays off when you are entertaining. Remember how hot it gets when the bridge club is over, or those 15 or 20 kids come for the Scout meeting? That was because your conventional zone valve delivers one characteristic water temperature regardless of the number of zones calling for heat or the duration of the call.

With the Comfort Computer, you can relax. The water temperature delivered to any zone or zones is modulated to balance the integrated demand of all zones. The water temperatures are constantly checked—electronically—so the slightest variance can be measured.

As the crowd fills the room, the demand becomes less and the Comfort Computer begins tapering off on the heat supply. Meanwhile, the rest of your house is also being monitored, too. Bedrooms are still pleasantly cool, the living room or playroom is still "just the way you like it." And most importantly, you are free to enjoy your home—no readjusting thermostats, no need to worry about the rest of the house getting too cold and no need to open windows and risk colds! You'll even find unsightly wall-streaking is reduced, too, for modulated water temperatures avoid those peak temperatures contributing to that nuisance.

IT'S THE SPACE-AGE! And you can be in it with AMERICAN-STANDARD!



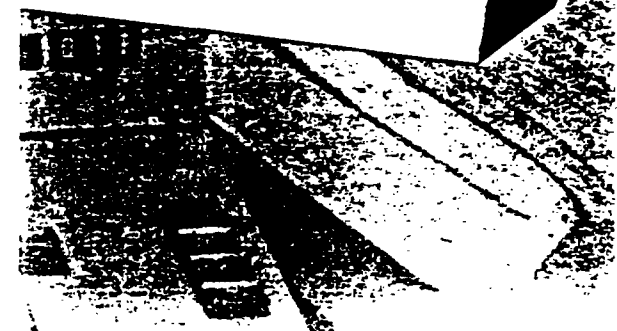
The Comfort Computer is available factory-mounted with the two, three and four-zone valve packages currently offered. With the zone valves already connected, only thermostat and boiler connections need be made in addition to regular piping. The Comfort Computer is available in two models:

MODEL 370 for solenoid operated gas valves.
MODEL 370R for heat operated gas valves.

NOTE: Model 370R will be provided with all zone valve packages with Comfort Computers.

Standard
brings space-age
technology to
your home.

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PLAINTIFF'S EXHIBIT

ASI-949

11144

The device is actually an analog computer. Boiler water temperature is modulated in proportion to the number of zones calling for heat and the duration of the calls. Analog computation is attained by heating a thermal mass, sensing the responding temperature, and comparing this temperature to that of the boiler water. In this way, only boiler water at temperatures actually required by the heating zone, as indicated by the computer, is circulated. The computer is completely factory-assembled and the installing contractor need only make the conventional connections.

The Comfort Computer is available for any zoned heating system, using any gas-fired hot water boiler (except those installations maintaining a boiler water temperature for tankless heater domestic hot water supply). The Comfort Computer and Computer-Zone packages shown on the front page are designed for compatibility with the controls and equipment furnished with either of the high performance American-Standard gas-fired boilers shown below.



GAS-FIRED BOILER

The compact GPM™ Boiler was designed to be attractive and efficient. It is a completely packaged unit and is available in six sizes for hot water heating comfort. All models include Purge valve, and the GPM(X)™ models also have packaged an expansion tank, auto fill valve and auto air vent. The GPM is ideal for new buildings or for remodeling.

GPM/GPM(X) RATINGS

BOILER NUMBER	A.G.A. RATINGS	
	INPUT (BTU/HR)	OUTPUT (BTU/HR)
NATURAL GAS		
GPM(X)-3	66,000	52,800
GPM(X)-4	99,000	79,200
GPM(X)-5	132,000	105,000
GPM(X)-6	165,000	132,000
GPM(X)-7	198,000	158,400
GPM(X)-8	231,000	184,800

PROPANE GAS		
GPM(X)-3R	60,000	48,000
GPM(X)-4R	90,000	72,000
GPM(X)-5R	120,000	96,000
GPM(X)-6R	150,000	120,000
GPM(X)-7R	180,000	144,000
GPM(X)-8R	210,000	168,000



GAS-FIRED BOILER

The G-2 Boiler is another fine boiler for modernization or new construction. The completely packaged G-2 features long-life cast iron construction and space saving design. Available in nine sizes, for hot water or steam you will find the G-2 Boiler provides economic and efficient heating for your home.

G-2 RATINGS

BOILER NUMBER	A.G.A. RATINGS	
	INPUT (BTU/HR)	OUTPUT (BTU/HR)
NATURAL AND PROPANE GAS		
G-23	60,000	48,000
G-24	90,000	72,000
G-25	120,000	96,000
G-26	150,000	120,000
G-27	180,000	144,000
G-28	210,000	168,000
G-29	240,000	192,000
G-210	270,000	216,000
G-211	300,000	240,000

NOTE:

8, 9, 10, and 11 section boilers are non-packaged.



American-Standard G-2, GPM and GPM(X) boilers are design certified by American Gas Association. They comply with American Society of Mechanical Engineers Code and bear their approval symbol. Ratings have been approved by the Institute of Boiler and Radiator Manufacturers.

**AMERICAN
STANDARD**
PLUMBING / HEATING
BOX 2003, NEW BRUNSWICK, N. J. 08903