



Tame it.



**HVAC**  
**can be a monster**  
**or a pussycat.**  
**We know. There**  
**are a number of**  
**major HVAC**  
**programs on the**  
**market today,**  
**and GARD has**  
**helped develop**  
**most of them.**



One of the more useful tools, in keeping HVAC from turning into havoc, is common sense. Energy is neither abundant nor inexpensive any more. And there are efficiency measures, which seem unnecessary to list here, which can effect savings. You tighten the belt here, you plug a leak there, and you conserve, whether in existing or new buildings.

The catch is that even when new buildings are designed with today's energy picture in mind, start-up costs are considered more carefully than annually-recurring energy costs. So in the last three years, there's been a sharp upswing in private energy analysis computer programs. And GARD has been involved, directly or indirectly, in almost every one.

Now you can go straight to the source. GARD's own energy analysis program, Scout, is available. It's a streamlined version of the NECAP Program we developed for the National Aeronautics and Space Administration. The accuracy of the program, field-validated by ASHRAE, has been maintained through the program's simplification. And Scout can analyze and compare your alternatives in building design and rehabilitation; HVAC systems, equipment and control; building and HVAC systems operation.

It's an efficient, flexible program, with significant advantages over other programs in the market. Scout simulates fifteen air distribution systems, and uses actual hourly weather data to perform transient heat transfer calculations and energy analysis. Variable temperature analysis is built into the program. No other program has been field-validated by ASHRAE as Scout has, and the program uses ASHRAE-approved algorithms. There is a complete data-edit feature as well, and optional shadow analysis can be provided too. And Scout is well-supported by continuing research, improvements, documentation and service.

We're ready right now to help you decrease HVAC life cycle costs. If you haven't optimized those costs in your plans, chances are you're paying too much for your building's air. And you'll be surprised at how quickly the GARD energy analysis program, Scout, can point things out and turn them around.

Let's talk about your specific needs. To start the conversation, use the enclosed, prepaid postcard.

Gentlemen:

We'd like to build optimized HVAC costs into our plans. Let's take a closer look at how your Scout program might help.

Please have your engineer telephone me.  
 Please send further information and details.

We have used the following energy analysis computer programs \_\_\_\_\_.

NAME \_\_\_\_\_

TITLE \_\_\_\_\_ COMPANY \_\_\_\_\_

COMPANY ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TELEPHONE \_\_\_\_\_



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