

# Right-Loop

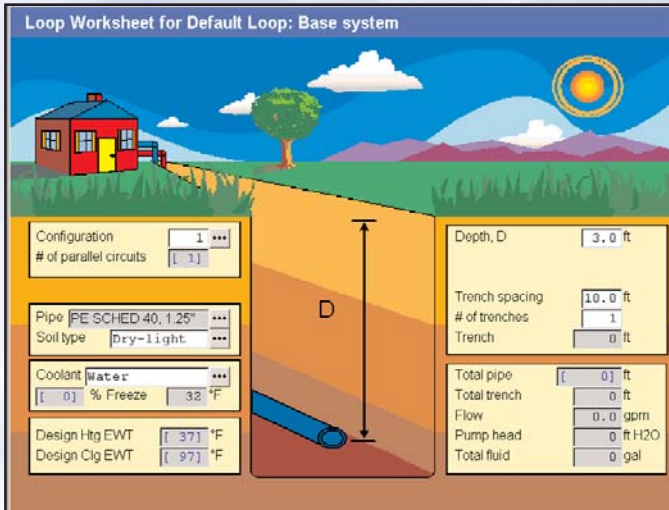
Right-Loop provides quick, easy and accurate geothermal loop designs that comply with all industry standards. It is based on methods developed by the OSU Design Manual for the general method; ASHRAE Design Manual for fundamental calculations.; Cavanaugh/Alabama for lake/pond calcs.; and NRECA/OSU/EPRI for Slinky calcs.

In the Right-Suite Residential format, load calculations from Right-J8 are read into Right-Loop automatically, all you have to do is select equipment from your own custom library, then pick the loop type and configuration. Right-Loop has an extensive built-in library of tabular data, such as bin weather, earth temperature, and soil types.

Using Right-Loop's features, you can select the city, the soil type and other details you need. Right-Loop looks up and enters the correct data and then calculates everything instantly. You don't need any additional source of information: everything you need is embedded in Right-Loop.

### Other Right-Loop Features:

- Full multi-zone capability-allows one loop per zone or combine equipment on loops
- Handles parallel series, horizontal and vertical loops, slinky and pond configurations
- Computes pump head for pipe system
- Contains all ground, bin and design temperature data and a built-in library of ASHRAE/EPRI soil types
- Computes water/anti-freeze volumes for easy mixing
- Computes pump head and freezing temperatures for variable antifreeze percentages
- Computes antifreeze for Propylene Glycol, Methanol, Potassium Acetate (GS4 or equivalent), water, and more
- Extensive picture library of loop configurations
- Graphic display of loop length vs. EWT



### Right-Loop Makes it Easy to:

- Select the bin data and earth temperature cities
- Select ground-source heat pump equipment
- Select the loop/equipment configuration
- Select the loop characteristics

