

3E Plus Feature Updates

- Ability to specify pipe size ranges (select min. and max.) for individual and thickness table calculations.
- Combined Personnel Protection (PP) and Heat Flow (HF) calculations with ability to select output results – PP only, HF only, or both.
- Combined PP/Efficiency or HF/Efficiency thickness table calculations with ability to select individual or combined output results.
- Combined CC and HF calculations with ability to select output results – CC only, HF only, both or combined (whichever result was thicker).
- For combined Economic and Environmental calculations, option for outputs to be side-by-side or stacked (separate rows for each).
- Insulation thickness for thickness tables no longer capped at 10". This is still to be "fixed" for individual pipe size calculations.
- Fixed bug in multi-layer calculations when insulation materials were different for each layer.
- Thickness table calculations for Efficiency and HF calculations.
- Ability to specify available insulation thicknesses for materials user entered. Can also be specified for default manufacturer materials but information must be entered by NAIMA.
- Ability to enter cost information by Pipe Size, Insulation Thickness, and Single, Double, or Triple layer (only for pipe or tube insulation).
- Thickness table calculations for multi-layer (hybrid) insulation systems (inner layer with fixed thickness, outer layer variable). If the inner layer alone meets the design objective, Layer 1 is displayed in the table. If a thickness value is displayed, it is the thickness of layer 2.