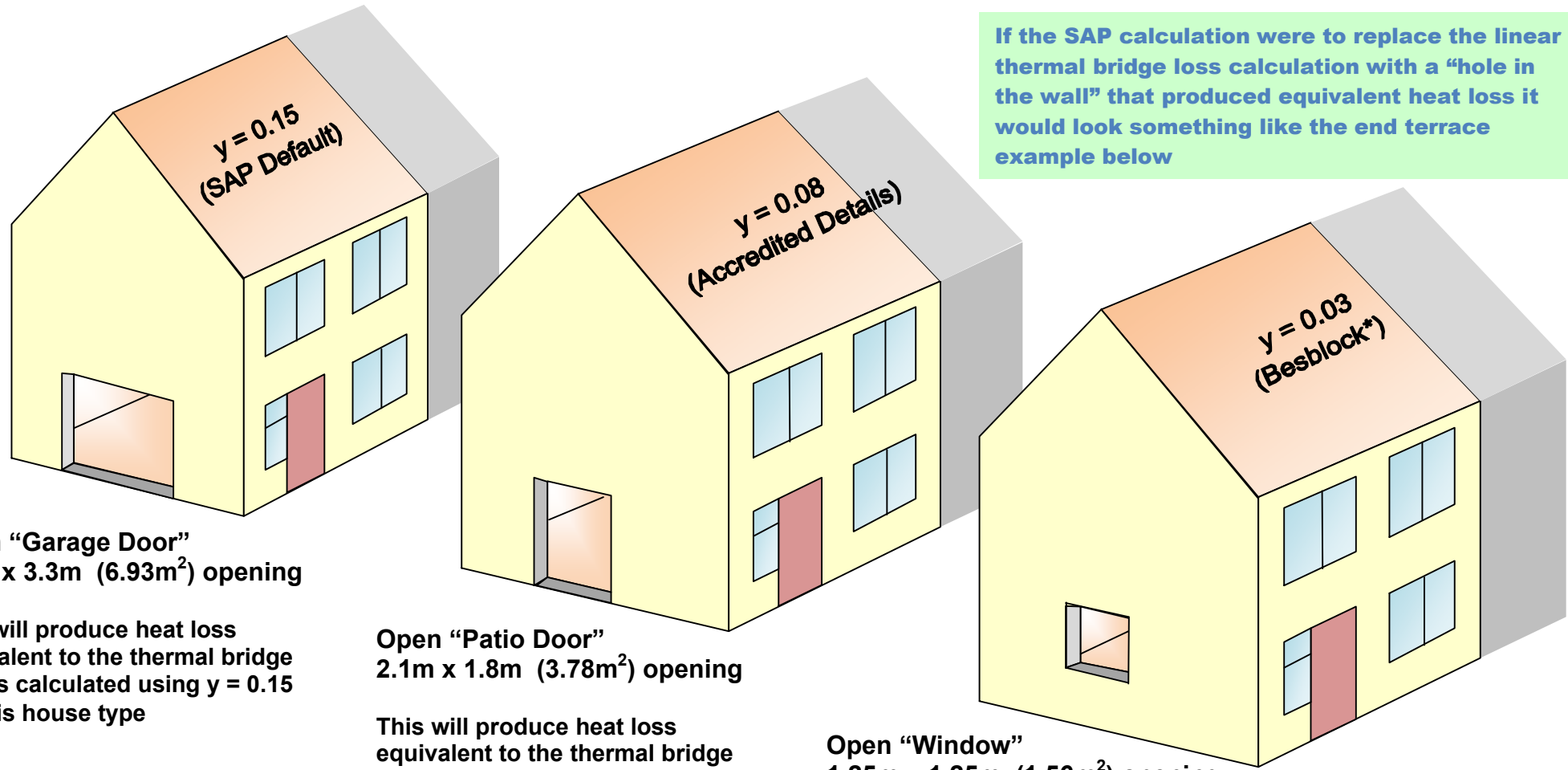


WHAT DOES A *Y-VALUE* LOOK & FEEL LIKE?



If the SAP calculation were to replace the linear thermal bridge loss calculation with a “hole in the wall” that produced equivalent heat loss it would look something like the end terrace example below

Open “Garage Door”
2.1m x 3.3m (6.93m²) opening

This will produce heat loss equivalent to the thermal bridge losses calculated using $y = 0.15$ for this house type

Open “Patio Door”
2.1m x 1.8m (3.78m²) opening

This will produce heat loss equivalent to the thermal bridge losses calculated using $y = 0.08$ for this house type

Open “Window”
1.25m x 1.25m (1.56m²) opening

This will produce heat loss equivalent to the thermal bridge losses calculated using $y = 0.03$ for this house type

Wall Specification:
External Leaf: 100mm brick
Cavity: 100mm mineral wool full-fill insulation
Inner leaf: 100mm Besblock “*Star Performer*”
Lintels: Independent steel lintels for the external and internal masonry leaves
U-value: 0.30 W/m².K