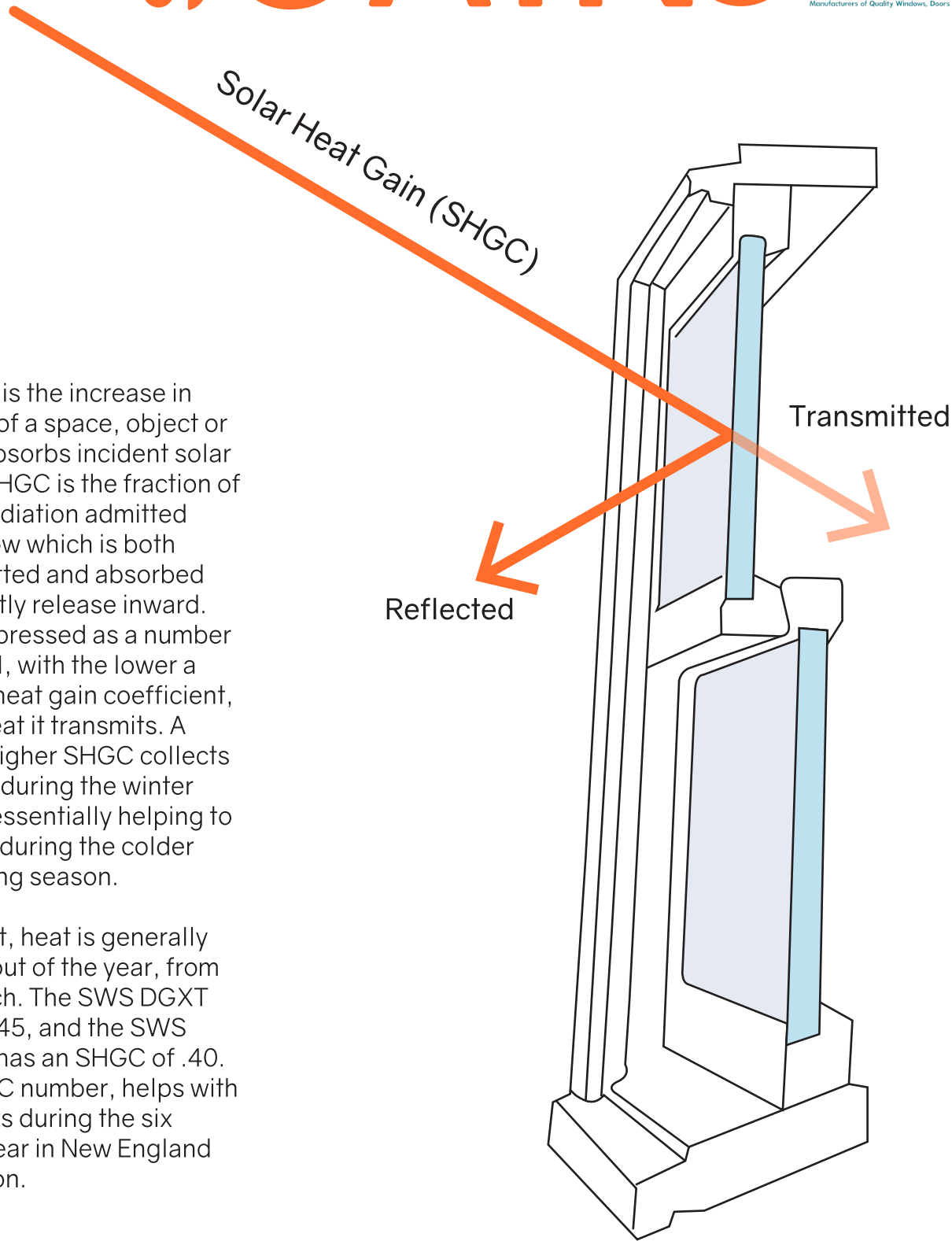


# SOLAR HEAT GAIN (SHGC) SOLAR HEAT GAIN (SHGC)



Solar Heat Gain is the increase in thermal energy of a space, object or structure as it absorbs incident solar radiation. The SHGC is the fraction of incident solar radiation admitted through a window which is both directly transmitted and absorbed and subsequently release inward. The SHGC is expressed as a number between 0 and 1, with the lower a window's solar heat gain coefficient, the less solar heat it transmits. A window with a higher SHGC collects more solar heat during the winter months, which essentially helping to heat your home during the colder months of heating season.

In the North East, heat is generally run six months out of the year, from October to March. The SWS DGXT has a SHGC of .45, and the SWS TriMax window has an SHGC of .40. Our higher SHGC number, helps with the heating costs during the six months of the year in New England that the heat is on.