

# HEMERA MARKISOLETTE

## Combination External Roller Blind and Awning

### Control:

Solar Gain  
Light Level  
Screen Glare  
Visual Perception  
Thermal Comfort

### Function:

Retractable  
Automatic/Manual  
Durable  
Proven Technology



### Description:

Combining the advantages of a roller blind with the functions of an awning. Effective shading from the roller section with a clear view of the outside from under the awning

Hemera Markisolette drops as a roller blind down the top part of your window and then comes out on its side arms as an awning. The awning fabric reduces solar gain and the side arms allow clear vision and good ventilation. Mesh fabric is available for a clearer view.

Hemera Markisolette can be motorised with a wall switch or automatically controlled and with links to a Home or Building Management System.

Solar gain reduction, glare control, natural ventilation and good light levels all in one attractive solution.

### Energy Saving

The lowest cost energy is the energy that you do not need so preventing overheating and the need for energy use for cooling is more effective than making plant more efficient. Hemera external shading does that, reducing the load from solar gain by up to 90%, a significant cost saving. Stopping the gain before it reaches the glass is more energy efficient than paying to remove it.

## Information sheet

### G and U values

We need a good U value to keep heat in during winter but we also need a good Gtot figure. Gtot is the measure of the total energy passing through a window when exposed to solar radiation, that is, the heat gains passing the combination of blind and glass (In the same way that U value is a measure of heat loss)

Hemera blinds with a silver Soltis mesh material have a Gtot of 0.11 with Low E double glazing, that is 89% heat rejection. The Soltis mesh fabric gives control of heat, light and glare and as well as a clear view out. Thermal and visual comfort for the occupant, an effective yet attractive solution.

