

Brackett Green[®] Static Screen

Cost effective screening solution

Key features & benefits

- Suitable for new plant or for upgrading existing plant
- A range of sizes and material options are available
- Custom designed for each site

How we create value

- Simple and efficient design
- Inexpensive solution
- Protects downstream equipment



Brackett Green® Static Screen

How it works

The Brackett Green® static screens are an efficient and inexpensive method for protecting downstream equipment and processes from debris and disintegrating cooling tower elements that can be found in flow streams. The Brackett Green static screen is used in a variety of applications, including circulating cooling water for power, chemical and petroleum plants.

Two Brackett Green static screens are typically installed in series: a spare screen is lowered into place to continue screening while the upstream screen is cleaned. Screens

are framed wire mesh, and include a debris pan on the lower cross member for capturing loose debris as the screens are raised.

Screen Specifications

Mesh sizes range from 6mm to 18mm (1/4 inch to 3/4 inch) square openings, and can be supplied in electro-galvanized, 304 or 316 stainless steel. Frames are available in either epoxy coated carbon steel, 304L or 316L stainless steel. Other materials can be provided on request.

The Brackett Green static screens are available in widths ranging from 1m to 5m (3 ft to 15 ft) and are custom designed for each site. Screen heights vary with each installation: they can extend to deck level, or can be used in conjunction with a lifting beam to automatically engage and disengage from the screen during raising and lowering operations.

The Brackett Green static screen's simple design makes it an ideal choice for upgrading existing schemes by using bolt-on guides, or for new plant designs using embedded guides.

