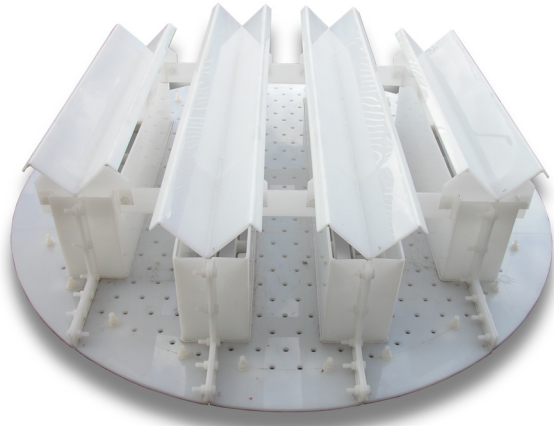


RE-DISTRIBUTORS



A **Re-distributor** helps optimise the performance of towers with multiple packed beds. It collects the liquid leaving an upper bed and distributes it in an even pattern over the bed below.

It is similar in design to the orthodox perforated tray distributor with gas risers, comprising a flat, perforated plate with a number rectangular gas vents. These vents or chimneys have 'caps' over them to prevent liquid from bypassing the redistribution process. Sometimes bars are located across the bottom of the risers to prevent any fluidised packing migrating upwards from the bed underneath. This allows the plate to double-up as a bed limiter.

Depending on the application and the column, the **Re-distributor** can be supplied one piece or in sections to allow easy installation through an access manway.

Additional support beams should be considered in larger towers to provide the necessary structural support.

For small diameter towers a **Rosette** type **Re-distributor** or 'Wall Wiper' should be considered. The **Rosette Distributor** offers high liquid handling capacity, elimination of liquid streaming down the column walls, non fouling design, greater spacing between re-distributors and a constant percentage of free space.

Re-distributors can be fabricated and supplied in a range of thermoplastics or various metals.

