

Mixed Phase Distributor-Flash Gallery**Introduction**

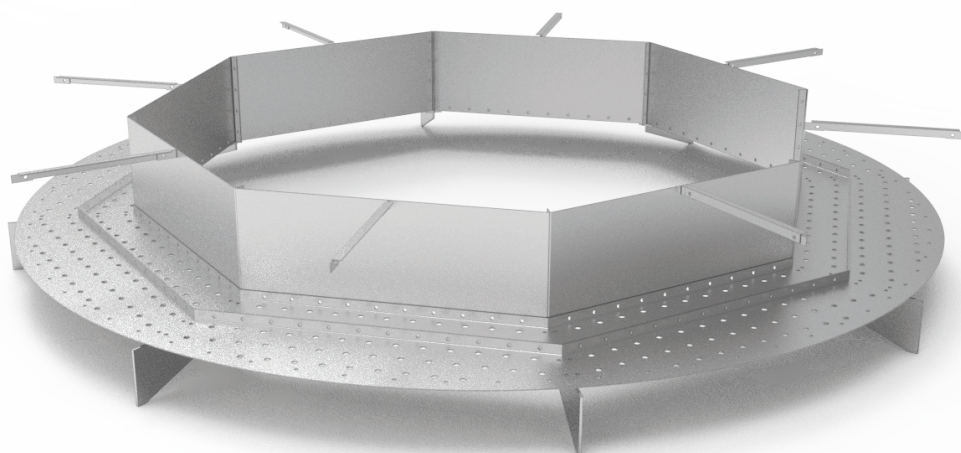
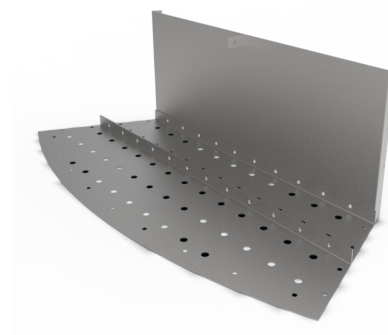
Flash gallery distributor with polygonal gallery for gas/liquid separation. Liquid is collected inside the gallery, while vapor disengages from the liquid through the opening above. Flash Gallery is a high performance two phase feed device designed for mixed gas/liquid or flashing feeds in distillation and separation columns with diameters over 900 mm. Feed enters tangentially through a tower nozzle or radially via a nozzle with a flow deflector, striking the column wall to promote gas/liquid separation. A perimeter mounted gallery above the distributor floor provides residence time for complete disengagement, directing liquid to a distributor or pre-distributor while vapor rises freely.

Features

- Two phase feed device for mixed gas/liquid streams
- Directed incoming liquid flow tangentially toward the tower wall
- Suggested for towers with a diameter of 900 mm and above
- Handling of any liquid-to-vapor feed ratio
- Available with seal welded or fully gasketed construction options to ensure leak performance.
- Typically installed at the top of the tower
- Typically installed at the above of the packings and trays

Applications

- Steam drums
- Evaporators
- Flash drums
- Knockout drums
- Separation towers
- Any distillation tower with a flashing feed



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