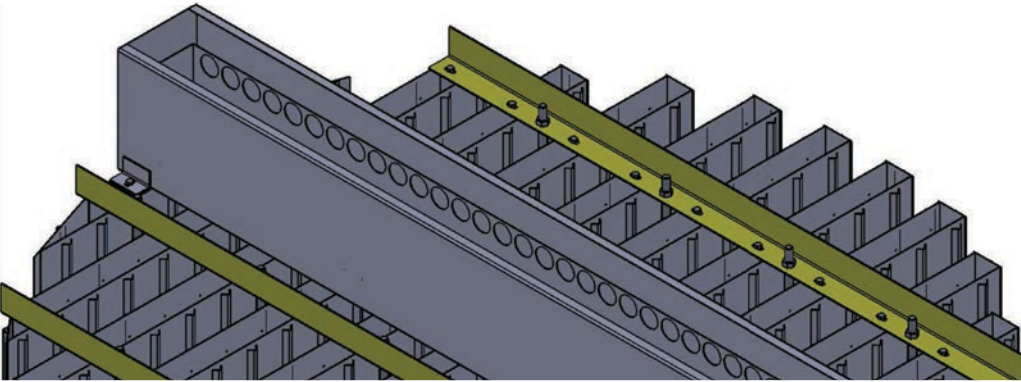


AMACS Liquid Distributors – Weir Trough Type

Distributors



AMACS Weir Type Liquid Distributors effectively handle a wide variety of gases and liquids. They feature a series of closed end troughs that have slots through which the liquid is uniformly dispersed over the packed bed. Liquids feed evenly to one or more of the parting boxes, which in turn distribute the flow to the troughs. The parting boxes receive the liquids through sparger type feed pipes. The tower diameter and the liquid flow determine the number of parting boxes. Up to three parting boxes may be required depending upon tower size and flow rates. Mid-span supports are required for 120" and larger sizes. Typical turn down ratio for LDW's is 4:1.

AMACS LDW's are self-cleaning, resistant to fouling, and are suitable for liquids with high solids content.

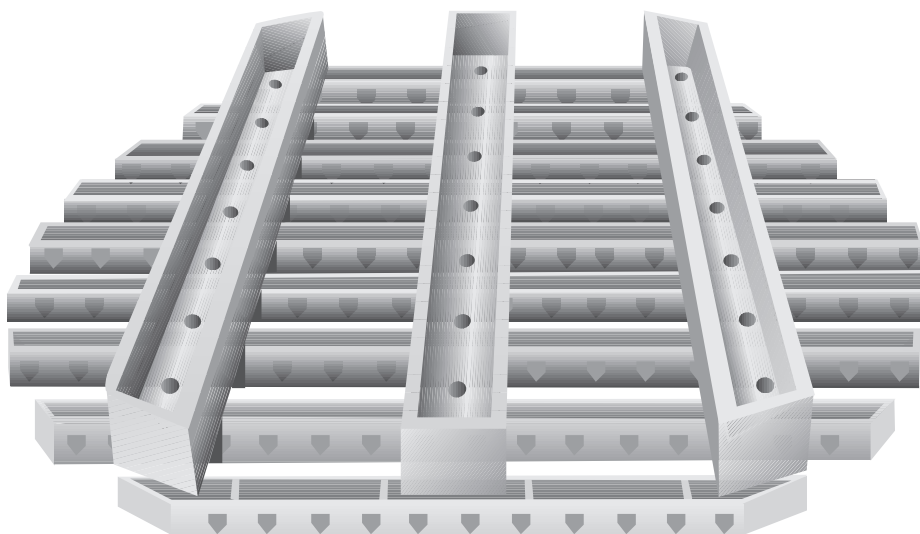
AMACS offers other variations in the distributor design including:

- **Distributors with high drip density for low liquid flows**
- **Rectangular slots with flow guides for precise liquid control**

AMACS Separation Products, Inc. manufactures a full line of tower internals, mist eliminators and other components critical to effective mass transfer and separation. For more details regarding these products, visit our website or consult with an Separations representative.

Benefits:

- Uniform liquid distribution
- Low vapor phase pressure drop
- High resistance to fouling
- Minimal liquid resistance time
- Optimal use of vessel height for proper performance
- Mixing capability for distribution to other beds



For more information please call:
1-800-231-0077
www.amacs.com

