

# Distillation Towers

## High Capacity Specialty Trays

*We have the experience to recommend the correct tray type.*



Tray Type	Capacity	Efficiency	Turndown	Pressure Drop	Fouling Resistance
Sieve	Medium	Very High	Low	Low	Medium
Moving Valve	Medium	Very High	High	Medium	Low
High Capacity Valve	High	Very High	Medium	Medium	High
Fixed Valve	Medium	Very High	Medium	Low	High
Bubble Cap	Low	Very High	Very High	High	Low
Dual Flow	High	Medium	Very Low	Low	Very High
Baffle	High	Very Low	Medium	Very Low	Very High
Disc and Donut	High	Very Low	Medium	Very Low	Very Low
Nye	High	High	Medium	Medium	Medium
EC Technology	Very High	Very High	Medium	Medium	Low
CoFlo	Ultra High	High	Medium	High	Low

Trays can be fabricated from numerous materials. Most often observed in the field are carbon, ferritic and austenitic steels. Exotic metals such as Hasteloy alloys, titanium and other steel types are also available and may be needed dependent upon specific project requirements. Please consult with the tray experts at Raschig USA to assure correct choice is made in your project.

For more information and design assistance, please contact us at:

**Raschig USA, Inc.**

*Formerly Raschig Jaeger Technologies*

2201 E. Lamar Blvd. #240

Arlington, TX 76006

800-678-0345

817-695-5680

info@raschig-usa.com

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