

WMP TOWER INTERNALS

Woven Metal Products (WMP) provides the following parts as part of its Tower Internals division. Please contact WMP for these or other products that may not be shown on this list.

Separations:

- Mist Eliminators - Knitted Wire Mesh and Chevron Vane Types
- Liquid Coalescer Elements - Knitted and Co-knitted Wire Mesh, Honeycomb structured and random packings, Corrugated Vane and Sloping Parallel Plate Types
- Custom Element Housings, Supports and Baffles - featuring removable sections for easy element change-outs and custom drainage systems
- Inlet diverters, Diffusers and Vortex Breakers
- Knitted Wire Bulk Mesh rolls

Mass-Transfer & Tray Hardware:

- Fractionation Trays:
 - Conventional Trays - Sieve, Bubble Cap, Baffle and Shed Deck Trays
 - Floating Valve Trays - WVI Round Valve, WBH 2.5" Rectangular Valve, WBP 5" Rectangular Valve and WQU Cage Valve Tray Types
 - Fixed Valve Trays - WG Fixed Rectangular Valve and WV0 Fixed Round Valve
- Tray Hardware - Consignment Vertical Lockers and Trailers stocked and ready for use, free BOM Takeoffs, Manway Assemblies, Square and D-Shaped Studs, Ring Clamps, Wedge Keys and Pins, Bolting and Fasteners, Replacement Valves and Bubble Caps and various Gasket materials
- Tower Tray Supports and Beams - Segmented Rings and Vertical Bars, Back-to-Back C Channels, I-Beam and Lattice Beam Types
- Tower Packing - Structured, Random and Grid Types
- Tower Liquid Distributors and Feed Pipe Assemblies - Trough, Spray Lateral, Orifice Riser and high performance types
- Tower Collector Trays - Chimney Trays, Vane/Lamella Bed Re-Collector Trays, Sumps and Seal Pans
- Tower Bed Supports and Limiters - Gas Injected Random Packing Bed Supports, Grating Structured Packing Supports, Expanded Metal and Woven Screen Bed Limiters, Bed Hold Down Rod Assemblies and Manhole screens
- Tower Specialty Items - Inlet Diverters, Vapor Horns, Replacement Cyclone Legs and Internal Shrouds

Engineering & Drafting:

- Approval and For-Record Prints - AutoCad and by request 3-D Inventor models
- Mechanical Structural Calculations - Load deflection calculations, by request Finite Element Analysis on WMP products
- Process Engineering - Hydraulic Calculations with pressure differential on WMP products
- CFD (Computational Fluid Dynamics) by request on WMP products
- Performance warranty on process simulations for WMP Products
- Non-Invasive Process Scanning and Evaluations by request
- Technical Field Installation Supervisors and Process Engineers by request
- Product Testing, Development, and Performance Verification by request



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