

STOKES VACUUM

SHELF DRYER VACUUM CONDENSERS

SHELF DRYERS

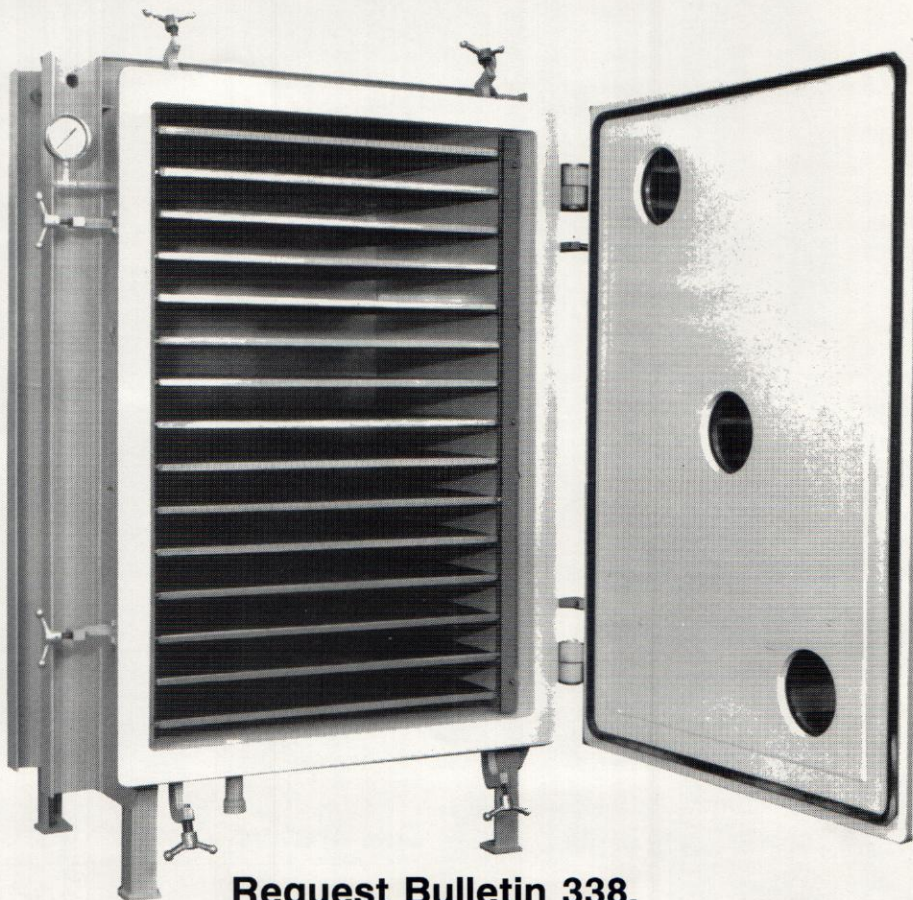
Provide safe, efficient drying of heat and/or air sensitive materials that require drying without agitation. Sturdy welded external chamber reinforcement ensures maximum operating protection and dependability under full vacuum operation.

STANDARD FEATURES:

- Fully tested to ensure vacuum integrity before leaving our plant.
- A.S.M.E. Code designed and certified shelves, internally baffled for efficient heat transfer whether using direct steam, heated water or heat transfer oil.
- All shelf-to-manifold connections are located outside the dryer chamber to preclude product contamination by the heating fluid.
- Can be fabricated of any weldable metal.
- Shelf temperature to 550° F when using heat transfer oil.

OPTIONAL FEATURES:

- All process contact surfaces finished with corrosion-resistant plastic coatings such as Teflon, Halar, Heresite, Urethane, etc.
- All process contact surfaces provided with a pharmaceutical finish.
- Insulation and sheathing of dryer exterior surfaces.
- Addition of temperature monitoring and control instrumentation.



Request Bulletin 338.

Overall Dimensions (Inches)

Model	Width	Depth (Door Open)	Height
338B	40.5	75.0	56.0
338D	40.0	77.0	66.0
338F	40.5	85.5	75.0
338H	62.0	107.0	77.5
338J	66.0	110.00	99.0

From 4 sq. ft. to 270 sq. ft. of shelf area for batch processing of materials that require drying without agitation.

Larger sizes can be fabricated to special order.

VACUUM CONDENSERS

For applications involving organic solvents, the use of a precondenser with pressure control improves recovery and reduces pump size. Stokes manufactures the three basic types of condensers, all designed specifically for vacuum service.

- Shell & Tube: Vertical, large diameter tubes with integral condensate receiver. Liquid cooled.
- Finned Tube: High-efficiency, compact design with integral condensate receiver. Water or refrigerant cooled.
- Vertical Plate: Vertical plate bundle condenses vapor to ice. Refrigerant cooled.



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