

## TANK Coverage – Tandoori Ovens

*Fire System Technical Bulletin*

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### Background:

The UL300 Standard: *Fire Testing of Fire Extinguishing System for Protection of Commercial Cooking Equipment* does not include a test protocol for Tandoori ovens. As this appliance type is uncategorized, coverage requirements do not appear in the Model TANK Fire Suppression Extinguishing System Installation, Operation, and Maintenance Manual (TANK OIM). CaptiveAire Systems, Inc, manufacturer of model TANK-FS, provides the following supplemental information serving to outline the recommended TANK coverage for these appliances.

### Details:

- Gas Radiant or Electric Tandoori Ovens having an opening 25.25" diameter or smaller can be covered using standard 36" overlapping coverage (4 FP per nozzle).
- Gas Tandoori Ovens with Lava Rock or Clay Balls having an opening 25.25" diameter or smaller can be covered using 24" overlapping coverage (6 FP per nozzle).
- Gas or Electric Tandoori Ovens having an opening larger than 25.25" diameter cannot be covered with TANK. CORE Overlapping protection is required.
- Solid Fuel Tandoori Ovens of any size cannot be covered with TANK. CORE Overlapping protection is required.

NOTE: All wet chemical fire systems risk cracking clay tandoor ovens in the event of a fire system activation.

*The information contained in this bulletin is not intended to replace the requirements and limitations outlined in the TANK OIM. All protection must be in accordance with local codes and acceptable to the Authority Having Jurisdiction.*