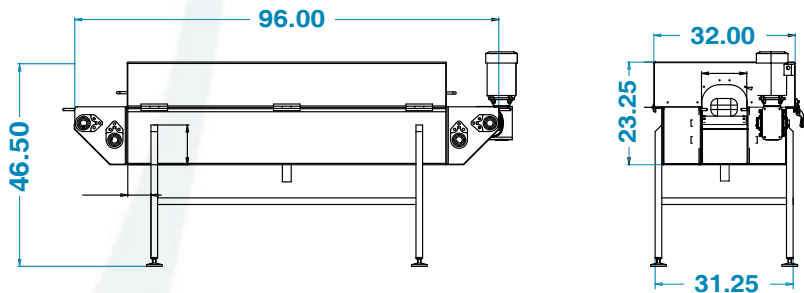


mPact-CAS - Meat Log Casing Ozone Antimicrobial System

The **mPact-CAS** (Casing Antimicrobial System) is an AMFIL-proprietary ozone antimicrobial treatment system specifically designed for cased meat logs. The system offers an inline, automated method for microbial removal from meat log casings prior to final processing (slicing) and packaging. The system is comprised of a tunneled wash cabinet with conveyor that is outfitted with a series of spray bars and nozzles. The spray bars sequentially apply ozonated low pressure and high pressure cold water, with 360° coverage, to the meat log. The ozonated water is supplied from the ozone generation system that is located adjacent to the wash cabinet. The ozone system is equipped with an electronic dissolved ozone controller for setpoint monitoring and control of the ozone concentration. The **mPact-CAS** system can be integrated into existing process PLC or SCADA controls for automatic operation with conveyors and slicers.

mPact-CAS Specifications

Ozone Output:	2.0 PPM (nominal)
Water Flow Rate:	5.0 GPM Low Press., 2.0 GPM High Press.
Product Throughput:	0-20 Ft/min. Adjustable Conveyor Speed
Power Requirements:	
Wash Cabinet	240V / 60Hz / 10A or 480V / 60Hz / 5A
Ozone Generation	240 / 60Hz / 15A (mPact-5SC) or 240V / 60Hz / 30A (mPact-25SC)
Wash Cabinet Dimensions:	96.00" L x 46.50" H x 31.25" W



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To schedule a demonstration of the mPact™ system at your facility, please contact our offices in the US and Canada.

US Headquarters: 805 Fiero Lane, Suite F, San Luis Obispo, California 93401
Canadian Headquarters: 4056 Meadowbrook Dr., Unit 106, London, ON N6L 1E4
US: 805-275-2433 fax 805-275-1553 **Canada:** 519-777-7417 fax 519-652-1062

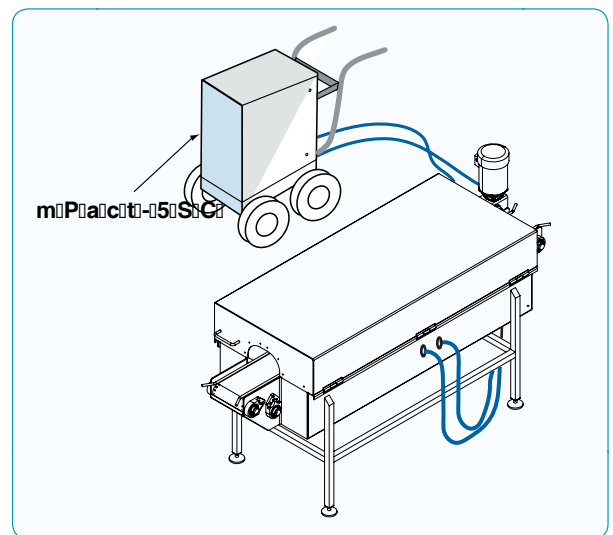
mPact-CAS Configurations

The **mPact-CAS** system can be configured for any number of slicing halls. While each slicing hall requires its own wash cabinet, the ozone generation system can be designed to accommodate multiple wash cabinets. Following are illustrations of three potential system configurations: single-line, three-line, and six-line. AMFIL can accommodate multiple other site specific, project specific configurations.

mPact-CAS-1 (Single-Line Configuration): this configuration is comprised of a single wash cabinet and single ozone generation system, the mPact-5SC. The ozone generation can be stationary or mobile as specified by the customer. The mobile system can be quick-disconnected from the wash cabinet and used in its native form for general food contact surface cleaning and antimicrobial treatment.

Components:

- Wash Cabinet
- mPact-5SC Ozone System
- Dissolved Ozone Monitor
- Ambient Ozone Monitor

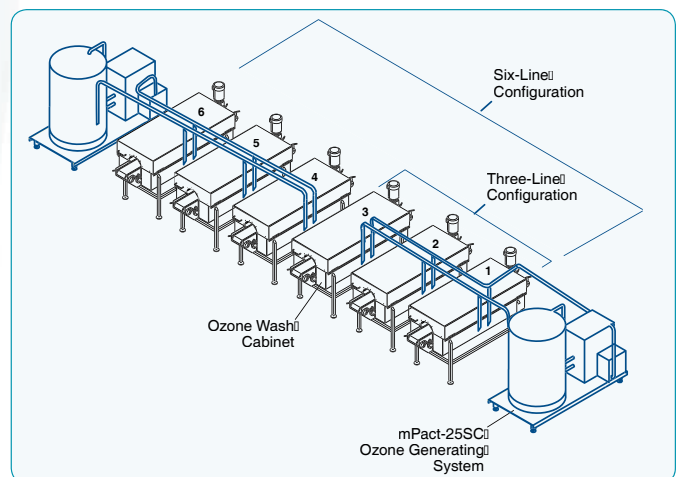


mPact-CAS-1 Configuration

mPact-CAS-3 (Three-Line Configuration): this configuration is comprised of three wash cabinets and a single ozone generation system, the mPact-25SC. The ozone generation system is stationary, using an ozone balance tank connected to a recirculating ozone system. The mPact-25SC can also be interconnected for use during third shift surface cleaning and antimicrobial treatment.

Components:

- Three wash cabinets
- Ambient Ozone Monitor
- mPact-25SC Ozone System, skid mounted with integrated balance tank, transfer loop pump, and dissolved ozone monitor/controller



mPact-CAS-3 & mPact-CAS-6 Configurations

mPact-CAS-6 (Six-Line Configuration): this configuration is comprised of six wash cabinets and two mPact-25SC ozone generation systems, as described above.

Components:

- Six Wash Cabinets
- Two mPact-25SC Ozone Systems
- Two Ambient Ozone Monitors