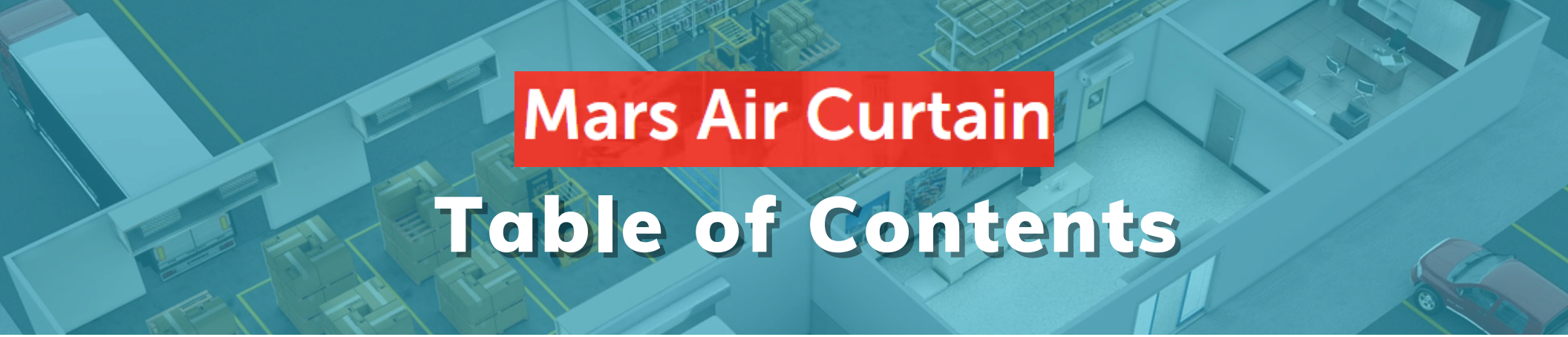
Mars Air Curtain

APPLICATION PORTFOLIO









Mars Air Curtain

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Restaurant & Foodservice







MODEL: LPV2

CHICKEN N PICKLE | GRAND PRAIRIE, TX

Restaurant & Foodservice







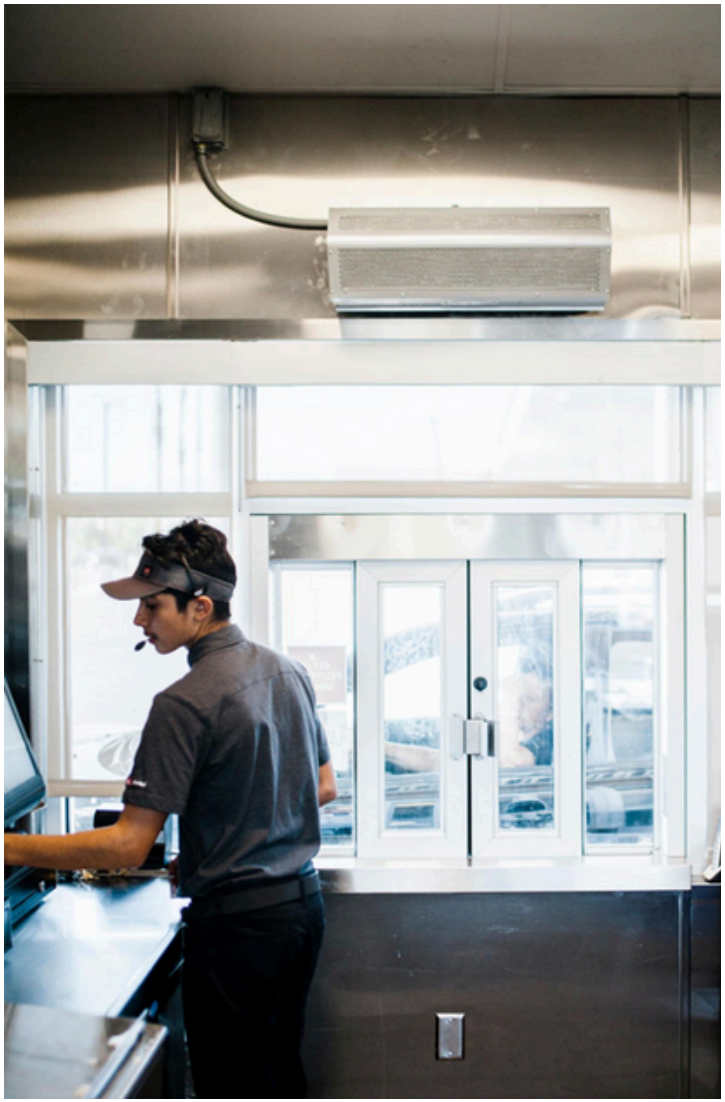
MODEL: STD2

TORCHY'S TACOS | STAFFORD, TX

Restaurant & Foodservice







MODEL: LPV225
DRIVE-THRU APPLICATIONS

Restaurant & Foodservice



MODEL: LPV2

HAWKERS | DEL RAY BEACH, FL

Transportation & Terminals







MODEL: STD2 ELECTRIC HEAT + MOTION SENSOR
ATL AIRPORT | ATLANTA, GA

Transportation & Terminals



MODEL: STD2

PUNTA CANA AIRPORT | PUNTA CANA, DOMINICAN REPUBLIC

Convenience & Grocery Stores







MODEL: STD272 SS

TXB GAS STATION | AUSTIN, TX

Convenience & Grocery Stores

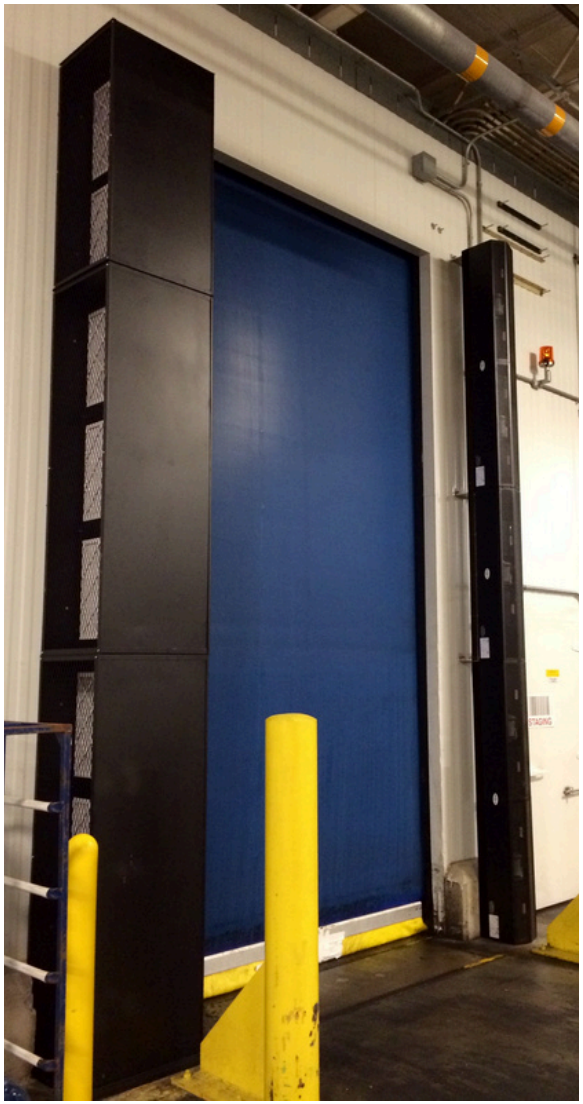




MODEL: STD2 ELECTRIC HEAT

CIRCLE K GAS STATION | GREEN BAY, WI

Manufacturing & Distribution



MODEL: STD2

CAMPBELL SOUP COMPANY | NAPOLEON, OH



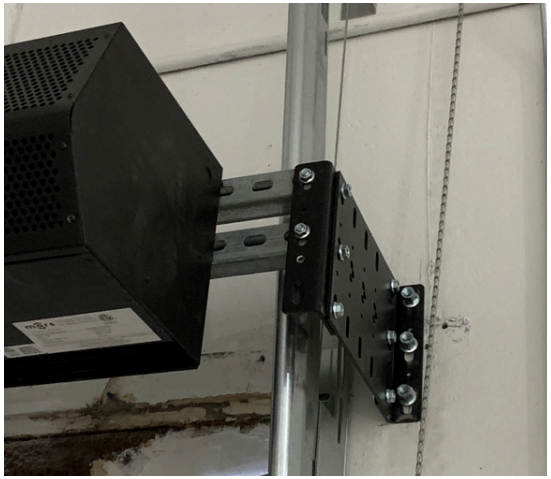
MODEL: WINDGUARD (BD)

FABRAL INC. | GRIDLEY, IL

Manufacturing & Distribution







MODEL: LPV2

CINTAS | MENOMONEE FALLS, WI

CASE STUDY

Refrigeration & Cold Storage



MODEL: NH272-2UH-TS + MCPB-2UH





MODEL: STD296-3UG-SS-WD (WASHDOWN DESIGN)

UNIFIED CENTRAL KITCHEN | SACRAMENTO, CA

Health Care & Hospitals







MODEL: PH10

BEN TAUB HOSPITAL | HOUSTON, TX

Health Care & Hospitals







MODEL: QUIETPRO™

ABBOTT MEDICAL | ALAJUELA, COSTA RICA

Entertainment Venues







MODEL: STD2

U.S. BANK STADIUM (VIKINGS STADIUM) | MINNEAPOLIS, MINNESOTA

CASE STUDY

Specialty Applications

(Dishwasher)



MODEL: STD2 (QUICKDRY DESIGN)

EMANATE INTER-COMMUNITY HOSPITAL | COVINA, CA

UVC Applications



MODEL: STD2 UVC

FOOD BANK CUSTOMER ENTRANCE | HOUSTON, TX

Retail Applications







MODEL: STD2

HARLEY DAVIDSON WRIGLEYVILLE | CHICAGO, IL

CASE STUDY

Retail Applications





MODEL: STD2

CONTAINER STORE | OMAHA, NE

Outdoor Applications

For outdoor installations, special consideration should be given to protect the air curtain from harsh outdoor elements, such as UV sun rays, snow and rain, to help prolong its useful life.





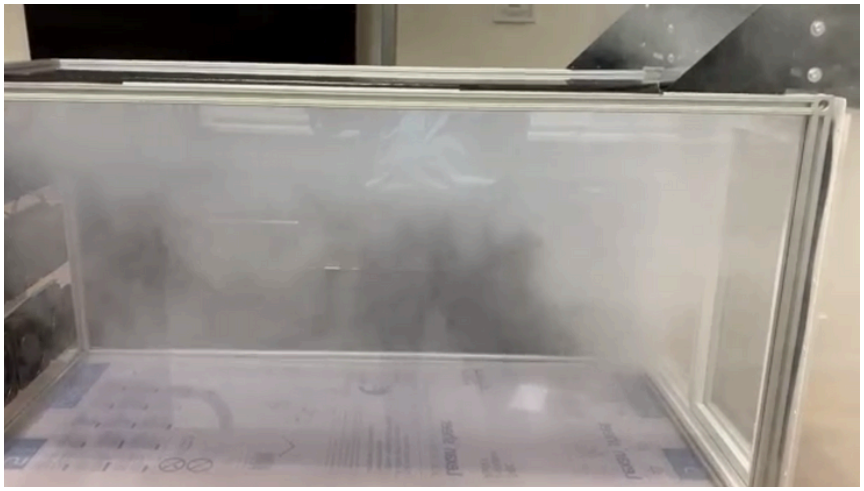


Harsh weather protective covers are made from industrial-grade steel tubing and thick durable outdoor-rated fade and UV-resistant canvas material, the harsh weather cover minimizes the accumulation of snow, ice, and other debris in and on the top of the units.

Smoke Chamber Experiment









WITH AIR CURTAIN OFF

VIDEO DEMO OF AIR CURTAIN IN ACTION

FULL VIDEO

Smoke Chamber Experiment









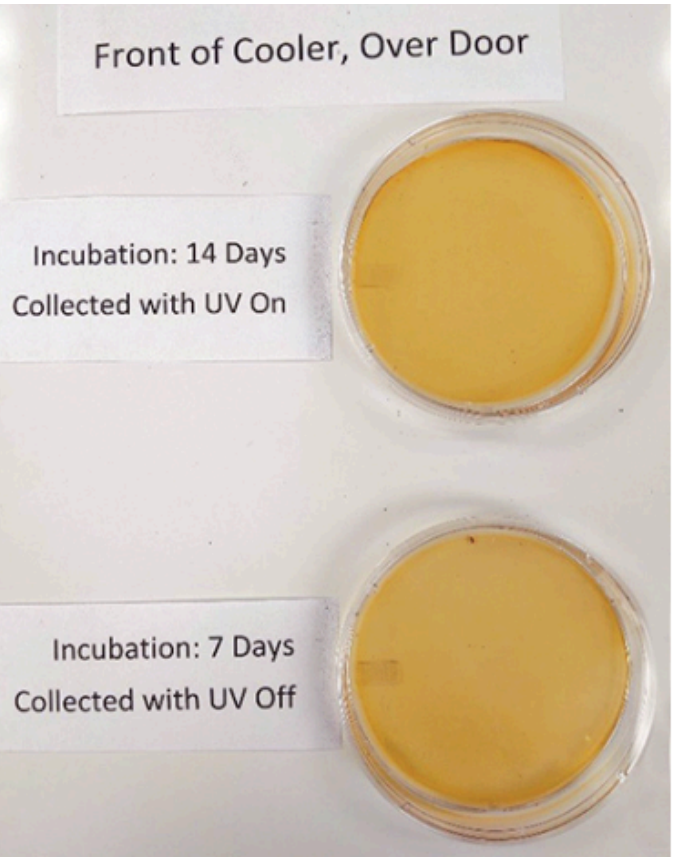
WITH AIR CURTAIN ON

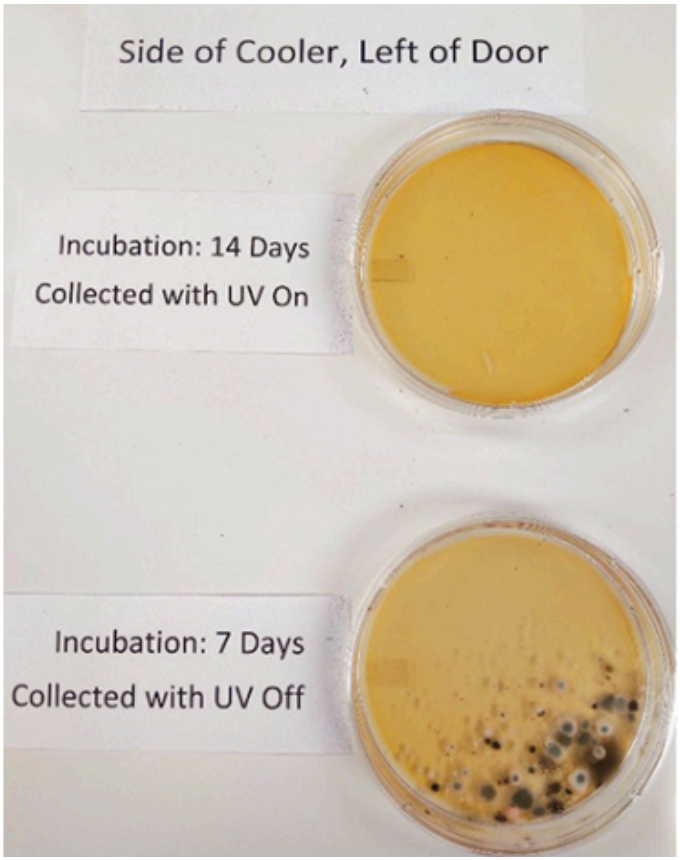
VIDEO DEMO OF AIR CURTAIN IN ACTION

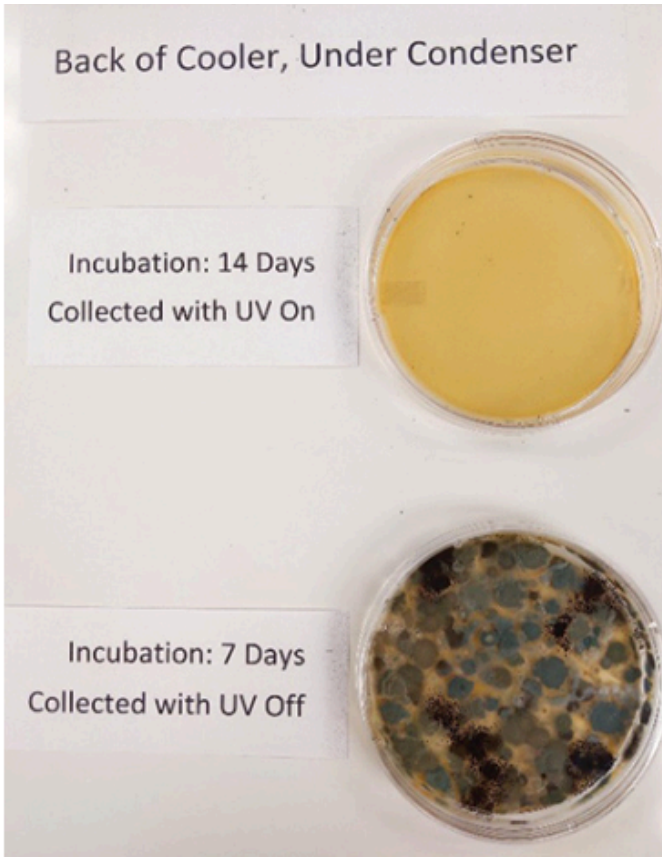
FULL VIDEO

Walk-in Cooler Experiment

AIR CURTAIN WITH UVC LIGHT EXTENDS THE SHELF LIFE OF PARISHABLE FOOD



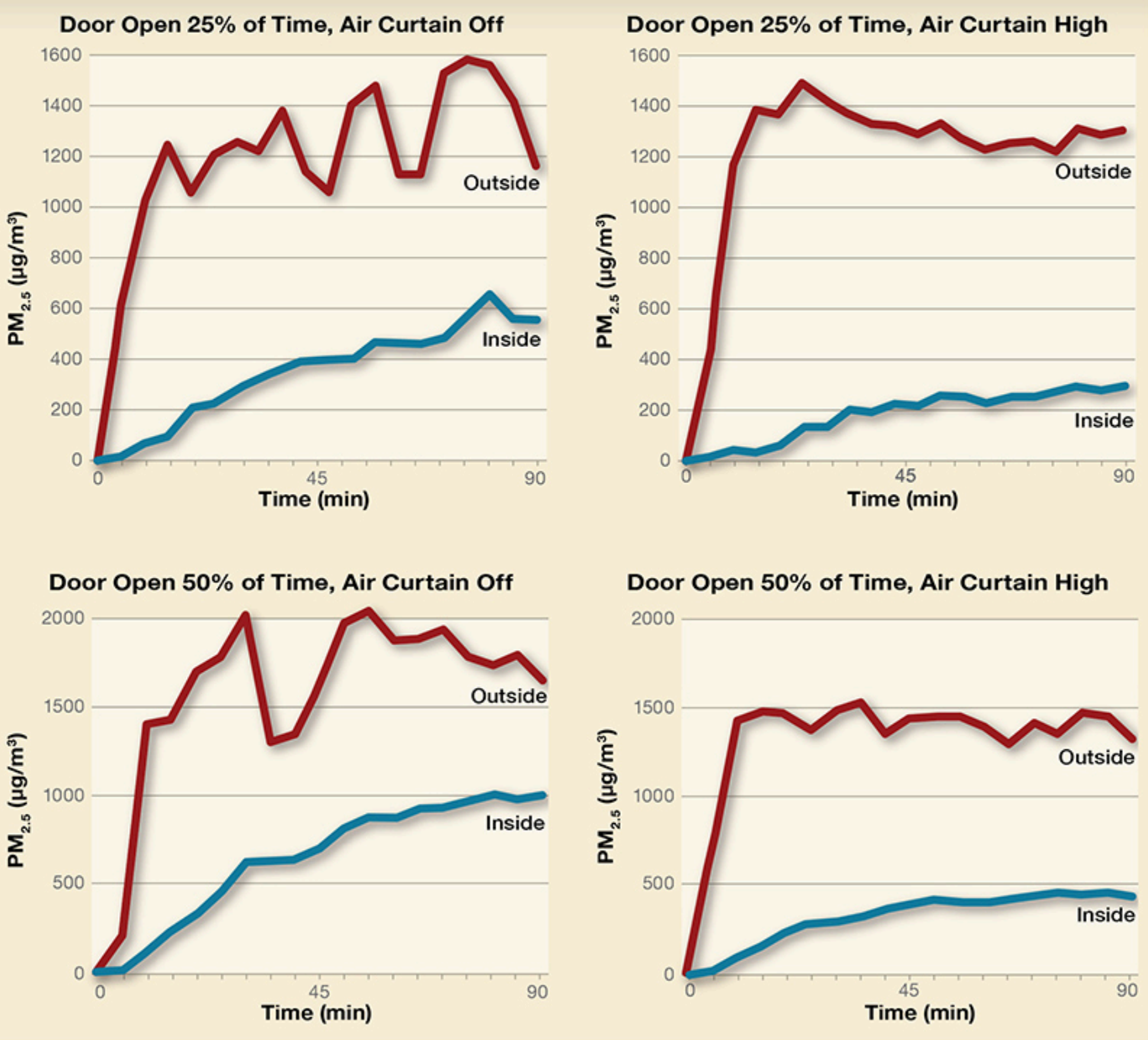




ARTICLE

Wildfire Simulation

Particulate Levels



SUMMARY OF RESULTS:
THE BLUE GRAPH SHOWS THE AIR CURTAIN'S EFFECTIVENESS IN PREVENTING THE INFILTRATION OF AIRBORNE PARTICULATES FROM ENTERING THE BUILDING (RED GRAPH).

ARTICLE



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