

## What's New From COOK



### AI

- \*Compact inline design
- \*Multiple blade/hub combinations to fine tune your selection
- \*Optional vane section for reduced HP at operating point
- \*Vertical, horizontal and curb mount options
- \*Available with reversible prop
- \*14 housing sizes (12.5" – 64.125" diameter)
- \*The AI family of fans can move **400-140,000 CFM** and static pressure up to **8" w.g.**

### FMI- Fan Monitor Hub

Offering on-demand connection to our fan system and network communication

#### Optional FMI Sensor Package:

- \*Motor Current
- \*RPM
- \*Pressure
- \*Temperature
- \*Vibration

#### Network Communication:

- \*BACnet IP/Ethernet
- \*Modbus TCP/IP or RTU



### TMX

An **economical** mixed-flow fan with impressive **performance**.

- \***TMX** strikes the right **balance** and delivers the **lowest cost** of the ownership among commercial inline fans.
- \*With **12 sizes**, offering performance up to **24,400 CFM** and up to **3" w.g.** in a **compact** and **efficient** design, the TMS is a great choice for **clean air**, indoor fan applications.

### TMX Direct Drive

Cook's **economical** mixed-flow fan is now offered in **direct drive**!

- \*No drive losses
- \*Compatible with Cook's line of Vari-Flow controls
- \*Offering performance up to **15,000 CFM** and up to **2 ½ in. w.g.** in **compact** and **efficient** design, he **TMX** is a great choice for indoor **supply, exhaust, or return** fan Applications.





# Air Curtain Purification System

## How air curtains with air purification work:

1. Pre-filter: Berner uses a built-in MERV 8 filter on the air intake to pre-treat the air
2. Then, the air passes the ion generation device, which is creating millions of ions per minute
3. The air curtain's air stream quickly & continuously carries the ions across the entry and into the space at a high density for maximum effectiveness
4. The ions immediately attach to and destroy harmful pathogens, like viruses, bacteria and mold spores. They also eliminate odors and VOCs.

The Berner PureAir Package quickly and continuously cleans the air, not just what passes through the air curtain, but the space around the entrance, as well.

## Benefits of an Air Purification System:

- Deactivates viruses, kills bacteria and mold spores starting at the entrance
- Eliminates odors and VOCs
- Improves Indoor Air Quality (IAQ)
- Supports creating a safe environment
- Needle Point Bipolar Ionization (NPBI)



**Inject Flex**  
High impulse,  
cooling or heating

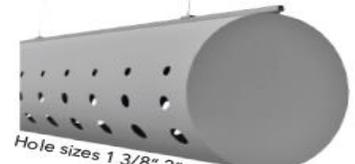
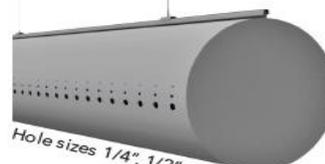
**KE FIBERTEC**

KE Fibertec introduces Inject Flex - a family of multiple sized laser cut holes for the KE-Inject Fabric duct. This range of sizes will allow us to design for the optimum air delivery for the application. The KE-Inject System is a flexible solution to many applications.

The Inject Flex fabric duct system is made with custom-woven fabric. This fabric allows the supply air to pass through the surface of the duct as well as laser-cut holes, making it ideal for heating and cooling applications. The number of Inject holes along with the number of rows determines which flow pattern is obtained.



**New Inject System.**



## NEW!

### ZEC Verasys BACnet Controller For VAV Boxes

- \*The ZEC 500 Controller can be used in stand-alone only while the ZEC 510 requires a networked application
- \*The controller is configured and balanced in the field using the smart building hub tool.
- \*Contains plug and play technology to detect which network sensor types are connected.
- \*Combines a digital controller and a VAV box damper actuator
- \*Optional occupancy feature that makes it possible to switch between occupied and standby mode.



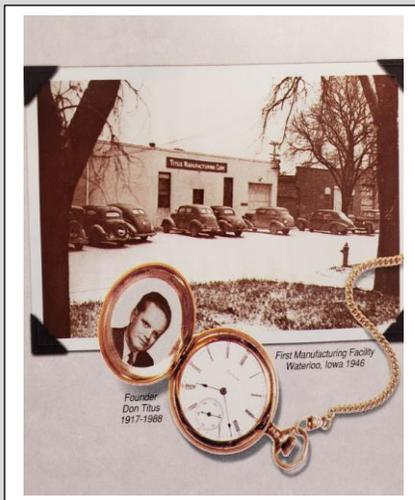
The ZEC 500 series provides one the most flexible open sourced protocol controllers. The smart building hub tool gives an easy to use interface for simple field installation, adjustments, and balancing. It has optional setback features to reduce energy consumption.

The ZEC 510, when combined with applicable thermostats can communicate with a buildings BAS system to control CO2 within zone and increasing overall indoor air quality. This controller offers an easy all in one solution specifically designate for VAV Applications.



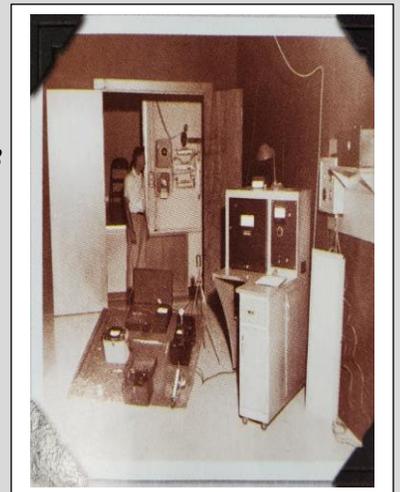
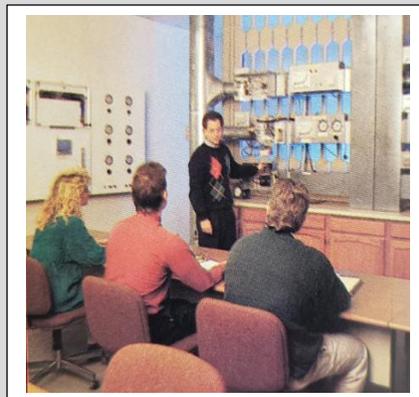
## TITUS HISTORY

Looking back: In the days before the Titus ZEC Verasys Digital Controller....



*The first Titus Plant, Waterloo, Iowa, 1946  
(photo of Don Titus)*

*Sound lab, Titus R&D Facility, Waterloo, Iowa, 1958*



*Pneumatic demo lab, Titus Rep office in Detroit, MI, 1995*

# Now Stocking More Flexible Duct

## Insulated Flex Duct

Atco

IFA 070 Gray- CLE

\*R4.2

\*Sizes: 4,5,6,7,8,9,10,12,14,16,18,20



Atco

IFA 070 Gray- CLE

\*R4.2

\*Sizes: 4,6,8,10,12,14,16,18,20



Thermafex

KM Silver -COL

\*R6.0

\*Sizes: 4,5,6,7,8,9,10,12,14,16,18,20



Atco

IFA 076 R6 Gray – CLE

\*R6.0

\*Sizes: 6,8,10,12,14



Atco

IFA 078 R8 Gray – CLE

\*R8.0

\*Sizes: 6,8,10,12



## Non-Insulated Flex Duct

Atco

NIF 050- CLE

\*Sizes: 3,4,5,6,7,8,9,10,12,14,16,18,20



Thermafex

MC – COL

Sizes: 4,6,7,8,9,10,12,14,16



## Insulation Sleeves

Atco

010 Silver – CLE

\*5' length \*R4.2

\*Sizes: 6,8,10,12,14,16



Atco

011 Gray – CLE

\*5' length \*R4.2

\*Sizes: 4,5,6,7,8,10,12,14,16



Thermafex

M Silver – COL

5" length \*R6.0

\*Sizes: 6,8,10,12,14,16,18



## ***PDH HOURS***

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**NOW AVAILABLE**  
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