

Mussun Memo

Mussun Sales, Inc.

October 2020

EC Motors and Controls

Why Use EC Motors and Controls?

We are pleased to announce the release of this unique 12-page book which discusses in depth the reasons to specify, select, and install EC motors.

This book was developed by Cook with assistance from Mussun Sales. It answers so many questions – both basic and advanced – on how EC motors work, various control options, and why to choose them for your next project.

The book is perfect for the consulting engineer as well as design-build contractors. It can also be used as a sales tool when educating a building owner on the advantages of EC motors.

Hard copies are available from your Mussun Representative and you may also find a copy on our website under the Resource/Engineering Resource Tab.

The image shows a bright, sun-dappled forest path. In the foreground, a white Cook Vari-Flow pump sits on the grass. To its left, a series of electronic control units and sensors are connected by a green ribbon cable. The Cook logo is visible in the top left corner of the image area.

Why Should I Use EC Motors and Controls?
Cook Vari-Flow FAQ

Vari-Flow
Motors and Compatible Controls

EOS

Ambient light-powered, energy harvesting diffuser for perimeter applications

Harness the power of the sun to improve comfort while saving energy. EOS is more than just a smart choice. With adjustable temperature band and the ability to harvest energy from any light source; the auto-changeover EOS combines intelligence with flexibility, making it The Smartest diffuser.



FEATURES AND BENEFITS

*Auto-changeover diffuser with bi-directional air pattern for perimeter heating and cooling applications

*Smart logic programming checks supply air temperature in 10-minute intervals to ensure proper airflow direction is maintained for heating and cooling applications

*Operates on a narrow temperature band 71 degrees - 78 degrees

*Available in two styles: Standard (ST) and Secondary (DR)

Helios

Solar-Powered Digital Variable Air Volume Diffuser

Helios is a brand-new line of digital diffusers powered by ambient light. It automatically delivers just the right amount of warm or cool air using a unique digital logic system for more accurate temperate bands. Helios now comes with a wireless thermostat and postmaster for even greater control and comfort. One thermostat can power up to 15 diffusers in a single zone. Feel the difference in your comfort, see the difference in your energy bills. When it comes to VAV diffusers, it's time to diffusers to see the light.

FEATURES AND BENEFITS

*Utilizes EnOcean's™ wireless technology

*Uses ambient light energy for self-powering capability

*Requires no building power

*Installation is simple and easy



SUNVENT CONNECTOR VENTS

Finally! – the ideal solution for terminating exhaust fans, range hoods, and dryer vents through one heavy duty and architecturally pleasing wall vent.

Introduced last year by Sunvent at the AHR Show, these Connectorvents utilize the familiar FL extruded aluminum flanged brick vent with a factory-built rear box and collar.

The sizes and colors are unlimited as are the duct configurations – from 1 to 4, or more, with connections in 4" and 6" round.

The dryer termination section is separated from the bath and range hood termination by an internal divider and features an integral backdraft damper. This part of the vent also gets no insect screen.

Say goodbye to cheap plastic vents or mill finish wall caps. Say hello to Connectorvent for your next project.

SUNVENT CONNECTOR VENTS



FLB4D4



FLB4D



FLB4D4



Looking back.... WHAT WERE STACCATO GRILLES?

Here's one from the archives. These Staccato Grilles were featured in Titus Catalogs from the 1960's through the early 1970's.

Staccato grilles were modified CT Linear Bar Grilles which were milled into fancy patterns and designs. Old time retirees from Mussun described miles and miles of CT linear bar grilles sold on Hopkins Airport projects, along with many custom staccato grilles at the gates and concourses, much like the TWA grille you see here.

Jim Aswegan, former Titus Chief Engineer, who was hired by Don Titus at the Waterloo, Iowa, facility many years ago, states:

"The image was projected onto a paper on the wall with pre drawn CT bars of the desired size. Each bar was hand marked and numbered. Then each bar was individually milled down. After assembly and anodizing was complete, the anodize finish was belt sanded to finish the grille. The concept was often used as an order closer on large projects. Titus stopped production many years ago due to extreme labor input."

It's anyone's guess what happened to so many of the cool staccato grilles which once graced the concourses at Hopkins Airport. Many of them featured the logos of many now-defunct airlines from the golden age of air travel.

STACCATO

C-4000

CUSTOM

STANDARD STACCATO (C-4000) with 7/32" x 3/4" louvers spaced on 7/16" centers.

FINELINE STACCATO (C-4500) with 1/8" x 3/4" louvers spaced on 1/4" centers.

Both types are available in an endless variety of patterns.

CUSTOM STACCATO are extruded aluminum air grilles with face custom-made to the decorative design you specify. The possibilities are endless . . . abstract designs, religious symbols, emblems, trade marks, names! See above bar type for application, material and sizes. FINISH: Face of raised sections on louver is brushed-satin aluminum. Rest of louver anodized in dark colors to provide contrast.

A-3

A-20



Young Regulator

*“Insist on quality products
made right here in
Cleveland, OH”*

Proud partner of Mussun Sales for your needs in:



Remote Balancing

- Bowden Cable Control
- Electronic Balancing
- Flex-Shaft
- Plenum Dampers – Also in Oval!



Air Quality and Control

- Constant Volume Regulators
- Fresh Air Dampers
- Zone Dampers w/ Thermostats
- VAV Diffusers
- Dampers for Controls by Others



Young Regulator Co. Inc.

www.youngregulator.com

info@youngregulator.com

(440) 232-9700

Also stocking in Cleveland:

Young Regulator 4011 2-Position Damper and

Young Regulator 4075 Auto-Changover Damper

Atco/Thermaflex R6 and R8 Flex

Ruskin Ceiling Radiation Dampers

PDH HOURS

Mussun Sales posts upcoming webinars on our Events section of our website.

Be sure to check out topics which qualify for PDH Hours.

To Unsubscribe, simply reply to this email with “unsubscribe” in the subject line.

Mussun Sales

Cleveland - Akron - Columbus
Since 1951