

**Signatures are mandatory for all departments indicated with an 'X'. No non-signature approvals will be accepted.**

ECO Signatures - the Engineer will determine which departments are required to review prior to implementation based upon ECO impact and content

ECO	2108	Hood Support Quick Install Instruction
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Table of Contents	CNC	Finance	IT	Strategic Manufacturing	Manufacturing		Marketing Communications	Models	Purchasing	Quality	Sales	Service	Strategic Marketing
					Mt Top	GYR							
Summary			X				X	X				X	
Standards			X					X					
Add/Remove Inventory													
CS Specifications													
Drawings													
Installation Instructions			X				X	X				X	
Signatures Required			X				X	X				X	
Signature Criteria Guide	Parts on any CNC Machine	Change in inventory	Change to standards	Change to parts	Change to parts		Change to installation instructions	Change to standards	Change in inventory	Change to parts	Change in product feature(s)	Change to Installation Instructions	Cost Impact
		Cost impact	Change to labels	Change to BOM	Change to BOM		Change to product listings (listed on website)	Change to BOM	Change in vendor	Change required for ISO tags	Change in product standard offering	Change in part compatibility	Change in product feature(s)
					Change in inventory		Change in product feature(s), including materials & finishes	Change or addition to base drawings	Revision to purchased part	Change in vendor			Change in product standard offering
							Change in clearances						
							<a href="https://www.cornelliron.com/architectural-design-homepage/download-library">https://www.cornelliron.com/architectural-design-homepage/download-library</a>						
							<a href="https://www.cooksondoor.com/architectural-resource-homepage/download-library">https://www.cooksondoor.com/architectural-resource-homepage/download-library</a>						



# E.C.O. #2108

## Products Affected:

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Service Door   | <input checked="" type="checkbox"/> Counter Door            |
| <input checked="" type="checkbox"/> Thermiser Door | <input checked="" type="checkbox"/> Counter Fire Door       |
| <input checked="" type="checkbox"/> Fire Door      | <input type="checkbox"/> Package Unit                       |
| <input type="checkbox"/> TranZform                 | <input type="checkbox"/> Labeled Package Unit               |
| <input checked="" type="checkbox"/> Grille         | <input type="checkbox"/> Access Shutter                     |
| <input checked="" type="checkbox"/> SFG/SFC        | <input type="checkbox"/> Other                              |
| <input checked="" type="checkbox"/> SentryGate 3   | <input checked="" type="checkbox"/> UL-9 Counter Fire Door  |
| <input checked="" type="checkbox"/> SentryGate 4   | <input checked="" type="checkbox"/> UL-10 Counter Fire Door |

## Area Affected:

- Curtain
- Bottom Bar
- Hood
- Guides
- Shaft
- Brackets
- Electrical

## Engineering Standards Affected:

- |   |  |
|---|--|
| <input type="checkbox"/> ES - 9 (Electrical Equipment Standards)        | <input type="checkbox"/> ES - 13 (Special Products)          |
| <input checked="" type="checkbox"/> ES - 10 (Installation Instructions) | <input type="checkbox"/> ES - 14 (Parts and Assemblies Book) |
| <input checked="" type="checkbox"/> ES - 11 (Engineering Standards)     | <input type="checkbox"/> ES - 16 (Tests and Reports)         |
| <input type="checkbox"/> ES - 12 (Computer Information)                 | <input type="checkbox"/> Base Drawings                       |

	Design	Details	Programming	Implementation Complete
Date When Completed:	12/29/2020			
Time:	16			

## Remarks or Comments:

# Affected Documents ECO # 2108

## New Documents

Number and Rev.	Description	Programming			
		Tensol	3400	P-Gag.	Ped.
ES 10-505	0 Installation Instructions, F.O.W. Hood Support				

## Revised Documents

Number and Rev.	Description	Programming			
		Tensol	3400	P-Gag.	Ped.
ES 11-2.1 / 9.12	3 Product Engineering, Service Doors				
ES 11-2.14 / 9.3	1 Product Engineering, High Speed High Cycle Doors				
ES 11-2.18 / 9.3	1 Product Engineering, Defender Series Doors				
ES 11-2.3 / 9.12	4 Product Engineering, Thermiser Doors				
ES 11-2.4 / 9.5	1 Product Engineering, Fire Doors				
ES 11-3.1 / 9.8	3 Product Engineering, Rolling Grilles				
ES 11-3.3 / 9.3	1 Product Engineering, Sentry Gate 3				
ES 11-3.4 / 9.6	1 Product Engineering, Sentry Gate 4				
ES 11-3.5 / 9.2	1 Product Engineering, 324 Grilles				
ES 11-4.1 / 9.3	1 Product Engineering, Counter Doors				
ES 11-4.2 / 9.5	1 Product Engineering, Counter Fire Doors				

# CornellCookson Engineering Department

## Project Name: Hood Support Quick Install Instruction

**Engineer: Chase Remley**

**Project Description:**

Create a one page supplementary installation instruction for Face of Wall Hood Supports. This document shall be shipped with doors that requires the new style of Hood Support for D-shaped (AR0740), Square (AR0738), and Sloped (AR0739).

**Design Plan:**

Add the new ES10 document to each Installation instruction page in the standards.

**Design Review:**

Revised ES 11 pages:

ES 11-2.1 / 9.12	ES 11-3.3 / 9.3
ES 11-2.14 / 9.3	ES 11-3.4 / 9.6
ES 11-2.18 / 9.3	ES 11-3.5 / 9.2
ES 11-2.3 / 9.12	ES 11-4.1 / 9.3
ES 11-2.4 / 9.5	ES 11-4.2 / 9.5
ES 11-3.1 / 9.8	

New ES 10 document:  
ES 10-505

**Cost Impact:**

No cost impact.

**Design Verification: (does it work?)**

With the new style of hood supports and hoods, additional information for installation was requested. The new Installation Instruction allows for quick reference and ensures the hood support is installed correctly.

**Design Validation: (does this meet the user needs?)**

The one page instruction aids the installers with the placement of the new style hood support, reducing service calls.

**MISCELLANEOUS (cont.)**

INSTALLATION INSTRUCTIONS AND FORMS:

<b>Description</b>	<b>Installation Instructions</b>
Installation Instructions, Service Door	ES 10-476
RapidResponse Door Repair Instructions	ES 10-473
Stop Lock Bearing (TIMMER) Installation Instructions	ES 10-488
Installation Instructions, F.O.W. Hood Support	ES 10-505

**MISCELLANEOUS (cont.)**

INSTALLATION INSTRUCTIONS AND FORMS:

<b>Description</b>	<b>Installation Instructions</b>
Installation Instructions, Service Door	ES 10-476
Installation Instructions, Between Jambs Thermiser Max Fascia and Header	ES 10-483
RapidResponse Door Repair Instructions	ES 10-473
Stop Lock Bearing (TIMMER) Installation Instructions	ES 10-488
STC Appendix	ES 10-494
Installation Instructions, F.O.W. Hood Support	ES 10-505

**MISCELLANEOUS (cont.)**

INSTALLATION INSTRUCTIONS AND FORMS:

Description	Installation Instructions
Installation Instruction, Fire Doors	ES 10-474
Retrofit FireGard and AlarmGard Installation Instructions	ES 10-449 <sup>a</sup>
Installation Instructions, F.O.W. Hood Support	ES 10-505
<sup>a</sup> Only provided for retrofit operators.	



**MISCELLANEOUS (cont.)**

INSTALLATION INSTRUCTIONS AND FORMS:

<b>Description</b>	<b>Installation Instructions</b>
1024 HSHC Installation Instructions	ES 10-465
300 Series Door Installation Instructions	ES 10-478
Installation Instructions, F.O.W. Hood Support	ES 10-505

**MISCELLANEOUS (cont.)**

INSTALLATION INSTRUCTIONS AND FORMS:

Description	Installation Instructions
Defender Series Door Installation Instructions	ES 10-464
Installation Instructions, F.O.W. Hood Support	ES 10-505

**MISCELLANEOUS (cont.)**

INSTALLATION INSTRUCTIONS AND FORMS:

Description	Installation Instructions
Installation Instruction, Grilles	ES 10-479
CrossingGard Emergency Response Grille Installation Instructions	ES 10-472
Spring-Loaded Lock Bolt Retrofit	ES 10-372 <sup>a</sup>
Stop Lock Bearing (TIMMER) Installation Instructions	ES 10-488
Installation Instructions, F.O.W. Hood Support	ES 10-505
<sup>a</sup> This instruction should only be supplied with CA0863, CA0864, and CA0865.	

**MISCELLANEOUS (cont.)**

INSTALLATION INSTRUCTIONS AND FORMS:

Description	Installation Instructions
Installation Instruction, Sentry Gate 3	ES 10-486
Installation Instructions, F.O.W. Hood Support	ES 10-505

**MISCELLANEOUS (cont.)**

INSTALLATION INSTRUCTIONS AND FORMS:

Description	Installation Instructions
Installation Instruction, Sentry Gate 4	ES 10-487
Spring-Loaded Lock Bolt Retrofit	ES 10-372 <sup>a</sup>
Installation Instructions, F.O.W. Hood Support	ES 10-505
<sup>a</sup> This instruction should only be supplied with CA0863, CA0864, and CA0865.	

**MISCELLANEOUS (cont.)**

INSTALLATION INSTRUCTIONS AND FORMS:

<b>Description</b>	<b>Installation Instructions</b>
Installation Instructions, 324 Extreme/Cycle Master Grille	ES 10-485
Installation Instructions, F.O.W. Hood Support	ES 10-505

**MISCELLANEOUS (cont.)**

INSTALLATION INSTRUCTIONS AND FORMS:

Description	Installation Instructions
Installation Instructions, Counter Door	ES 10-481
Installation Instructions, F.O.W. Hood Support	ES 10-505

**MISCELLANEOUS (cont.)**

INSTALLATION INSTRUCTIONS AND FORMS:

Description	Installation Instructions
Installation Instructions, Fire Shutter	ES 10-475
Tube Mtr, Electric Clutch Install and Oper Manual, Fire Shutter	ES 10-482 <sup>a</sup>
Installation Instructions, F.O.W. Hood Support	ES 10-505
<sup>a</sup> Supplied when SIMU Tube Motors are selected.	