



Certificate of Compliance

This certificate is issued for the following:

Pipe Hanger Components for Automatic Sprinkler Systems

**Concrete Inserts, Screws, C-Type Clamps,
Clevis Hangers, Loop Hangers,
Miscellaneous Hangers, Pipe Clamps**
(see attached listing)

Prepared for:

ERICO International Corp
34600 Solon Rd
Solon, OH 44139

FM Approvals Class: 1951,1952,1953 (December 2016)

Approval Identification: 3055605
Superseded by: RR225230
Superseded by: RR225661

Approval Granted: March 21, 2016
Date Approved: October 19, 2020
Date Approved: November 19, 2020

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in dark ink, appearing to read 'D. B. Fuller', written over a horizontal line.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
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Model No	Description	Hanger Rod Size, in (mm)	Nominal Pipe Size	
			in	(mm)
CRLW CADDY® ROD LOCK Plywood Pre-Set Anchor	Concrete Insert	3/8 (10)	3/4 through 4	(20 through 100)
CRLW CADDY® ROD LOCK Plywood Pre-Set Anchor	Concrete Insert	1/2 (12)	5 through 8	(125 through 200)
CRLM CADDY® ROD LOCK Metal Decking Pre-Set Anchor	Concrete Insert	3/8 (10)	3/4 through 4	(20 through 100)
CRLM CADDY® ROD LOCK Metal Decking Pre-Set Anchor	Concrete Insert	1/2 (12)	5 through 8	(125 through 200)

Model No	Description	Hanger Rod Size, in (mm)	Nominal Pipe Size	
			in	(mm)
CRLA37EG	Threaded Head Screw for use in concrete	3/8	3/4 through 4	(20 through 100)
CRLAM10EG	Threaded Head Screw for use in concrete	M10	3/4 through 4	(20 through 100)
390010	Threaded Head Screw for use in concrete	M10	3/4 through 4	(20 through 100)

Model No	Description	Hanger Rod Size, in (mm)	Nominal Pipe Size		Remarks
			in	(mm)	
280	Beam Clamp	3/8 (10)	3/4 through 4	(20 through 100)	PL, EG
280	Beam Clamp	1/2 (12)	5 through 8	(125 through 200)	PL, EG
290	Beam Clamp	3/8 (10)	3/4 through 4	(20 through 100)	PL, EG
290	Beam Clamp	1/2 (12)	5 through 8	(125 through 200)	PL, EG
300	Beam Clamp	3/8 (10)	3/4 through 4	(20 through 100)	PL, EG
300	Beam Clamp	1/2 (12)	3/4 through 8	(20 through 200)	PL, EG
300M10	Beam Clamp	(10)	3/4 through 4	(20 through 100)	b, EG
30011M	Beam Clamp	(10)	3/4 through 4	(20 through 100)	b, EG
300M12	Beam Clamp	(12)	N/A through N/A	(110 through 219)	b, EG
30013MM	Beam Clamp	(12)	N/A through N/A	(110 through 219)	b, EG



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Model No	Description	Hanger Rod Size, in (mm)	Nominal Pipe Size		Remarks
			in	(mm)	
310	Beam Clamp	3/8 (10)	3/4 through 4	(20 through 100)	PL, EG
310	Beam Clamp	1/2 (12)	3/4 through 8	(20 through 200)	PL, EG
310M10	Beam Clamp	(10)	3/4 through 4	(20 through 100)	b, EG
31011MM	Beam Clamp	(10)	3/4 through 4	(20 through 100)	b, EG
310M12	Beam Clamp	(12)	N/A through N/A	(110 through 219)	b, EG
31013MM	Beam Clamp	(12)	N/A through N/A	(110 through 219)	b, EG
315	Beam Clamp	3/8 (10)	3/4 through 4	(20 through 100)	PL, EG, HD, CG
SBC Beam Clamp	Beam Clamp	3/8 (10)	3/4 through 4	(20 through 100)	a, b
547	Steel Clamp	3/8 (10)	4	(100)	
548	Beam Clamp	1/2 (12)	8	(200)	

Remarks:

a.) Approved in the bottom mount orientation only.

b.) These hanger components are also FM Approved when threaded for use with the nearest equivalent standard metric size hanger rod.

PL = Plain; **EG** = Electro-Galvanized; **HD** = Hot Dip Galvanized; **CG** = Zinc Chromate; **RO** = Red Oxide Paint; **EP** = Epoxy over Electric Galvanized; **FL** = Felt Lined; **S4** = Grade 304 Stainless Steel; **S6** = Grade 316 Stainless Steel

Model No	Description	Hanger Rod Size, in (mm)	Nominal Pipe Size		Remarks
			in	(mm)	
400	Clevis Hanger	3/8 (10)	2 1/2 through 4	(65 through 100)	PL, RO, FL
400	Clevis hanger	1/2 (12)	5, 6, 8	(125, 150, 200)	PL, RO, FL
401	Clevis Hanger	3/8 (10)	3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	(20, 25, 32, 40, 50, 65, 80, 90, 100)	EG
401	Clevis Hanger	1/2 (12)	5, 6, 8	(125, 150, 200)	EG
406	Clevis Hanger	1/2 (12)	2 1/2 through 4	(65 through 100)	S4, S6
406	Clevis Hanger	5/8 (16)	5, 6, 8	(125, 150, 200)	S4, S6
420	Clevis Hanger	3/8 (10)	3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	(20, 25, 32, 40, 50, 65, 80, 90, 100)	EP
420	Clevis Hanger	1/2 (12)	5, 6, 8	(125, 150, 200)	EP
427	Clevis Hanger	3/8 (10)	3/4 through 2	(20 through 50)	
427	Clevis Hanger	1/2 (12)	2 1/2, 3	(65, 80)	



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Model No	Description	Hanger Rod Size, in (mm)	Nominal Pipe Size		Remarks
			in	(mm)	
427	Clevis Hanger	5/8 (16)	4, 5	(100, 125)	
427	Clevis Hanger	3/4 (20)	6, 8	(150, 200)	

Remarks:

PL = Plain; EG = Electro-Galvanized; HD = Hot Dip Galvanized; CG = Zinc Chromate; RO = Red Oxide Paint; EP = Epoxy over Electric Galvanized; FL = Felt Lined; S4 = Grade 304 Stainless Steel; S6 - Grade 316 Stainless Steel

Model No	Description	Hanger Rod Size, in (mm)	Nominal Pipe Size		Remarks
			in	(mm)	
135	"Yook" Loop	-	3/4 through 4	(20 through 100)	a
135CT	"Yook" Loop	-	3/4 through 2	(20 through 50)	b
137	"Yook" Loop	-	3/4 through 2	(20 through 50)	c
FCS	Loop Hanger	3/8 (10)	3/4 through 4	(20 through 100)	
FCS	Loop Hanger	1/2 (12)	5, 6	(125, 150)	
FCS	Loop Hanger	5/8 (16)	8	(200)	
EPB Plus	Loop Hanger	3/8 (10)	3/4 through 4	(20 through 100)	
EPB Plus	Loop Hanger	1/2 (12)	5, 6	(125, 150)	
EPB Plus	Loop Hanger	5/8 (16)	8	(200)	
112	Loop Hanger	3/8	3/4 through 4	(20 through 100)	
112	Loop Hanger	1/2	5, 6, 8	(125, 150, 200)	
116	Loop Hanger	3/8 (10)	3/4 through 4	(20 through 100)	
116	Loop Hanger	1/2 (12)	5, 6, 8	(125, 150, 200)	
112M	Loop Hanger	(10)	3/4 through 4	(20 through 100)	d
112M	Loop Hanger	(12)	N/A through N/A	(110 through 219)	
EPB	Loop Hanger	3/8 (10)	3/4 through 4	(20 through 100)	
EPB	Loop Hanger	1/2 (12)	5, 6	(125, 150)	
EPB	Loop Hanger	5/8 (16)	8	(200)	
DH	Drop-in Loop Hanger	3/8 (10)	1, 1 1/4, 1 1/2, 2	(25, 32, 40, 50)	
100T	Adjustable Seivel Hanger	1/2 (12)	2 1/2 through 4	(65 through 100)	



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Model No	Description	Hanger Rod Size, in (mm)	Nominal Pipe Size		Remarks
			in	(mm)	
100	Adjustable Swivel Hanger	3/8 (10)	3/4 through 2	(20 through 50)	
100	"	1/2 (12)	2 1/2, 3 1/2	(65, 90)	
100	"	5/8 (16)	4, 5	(100, 125)	
100	"	3/4 (19)	6	(150)	
100	"	7/8 (22)	8	(200)	
115	Pipe Hanger	3/8 (10)	3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	(20, 25, 32, 40, 50, 65, 80, 90, 100)	EG, HD, FL
115	Pipe Hanger	1/2 (12)	5, 6, 8	(125, 150, 200)	EG, HD, FL
115N	Pipe Hanger	3/8 (10)	3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	(20, 25, 32, 40, 50, 65, 80, 90, 100)	EG, HD, FL
115N	Pipe Hanger	1/2 (12)	5	(125)	EG, HD, FL
130	"	3/8 (10)	3/4 through 4	(20 through 100)	
130	"	1/2 (12)	5 through 8	(125 through 200)	
Fig. 1	Swivel Pipe Loop	3/8 (10)	3/4 through 2	(20 through 50)	d
Fig. 1	"	3/8 (10)	2 1/2 through 4	(65 through 100)	d
Fig. 1	"	1/2 (12)	5 through 8	(125 through 200)	d

Remarks:

- a.) Model 135 "Yook" Loop Hanger using two MCO 43-16 wood screw fasteners in each arm is FM Approved to support 3/4 through 4 in. NPS sprinkler system piping.
- b.) Model 135CT "Yook" Loop Hanger using two MCO 43-16 wood screw fastener in each arm is FM Approved to support 3/4 through 2 in. NPS sprinkler system copper tubing.
- c.) Model 137 "Yook" Loop Hanger using one MCO 43-16 wood screw fastener in each arm is FM Approved to support 3/4 through 2 in. NPS sprinkler system piping.
- d.) These hanger components are also FM Approved when threaded for use with the nearest equivalent standard metric size hanger rod.

PL = Plain; **EG** = Electro-Galvanized; **HD** = Hot Dip Galvanized; **CG** = Zinc Chromate; **RO** = Red Oxide Paint; **EP** = Epoxy over Electric Galvanized; **FL** = Felt Lined; **S4** = Grade 304 Stainless Steel; **S6** = Grade 316 Stainless Steel



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Model No	Description	Hanger Rod Size, in (mm)	Nominal Pipe Size		Remarks
			in	(mm)	
37	Eye Socket	3/8 (10)	3/4 through 4	(20 through 100)	
37	Eye Socket	1/2 (12)	2 1/2 through 8	(65 through 200)	c
38	Offset Eye Socket	3/8 (10)	3/4 through 4	(20 through 100)	
329	Side Beam Attachment	3/8 (10)	3/4 through 4	(20 through 100)	EG
MTVB	Toggle	M10	3/4, 1, 1 1/4, 1 1/2, 2	(20, 25, 32, 40, 50)	a
TBHK	Trapeze Hanger	3/8 (10)	3/4, 1, 1 1/4, 1 1/2, 2	(20, 25, 32, 40, 50)	a, b
CADDY® ROD LOCK L-Bracket	Right Angle Bracket	3/8 (10)	3/4 through 4	(20 through 100)	
58	Steel Side Beam	3/8 (10)	4	(100)	
128BTS	Ceiling Plate	3/8 (10)	3/4 through 2	(20 through 50)	

Remarks:

a.) These products are FM Approved when used with roof decking a minimum of 0.7 mm thick.

b.) The TBHK is also FM Approved as a TBHKM10 with a welded hex nut and a TBHKAM10 with an insert nut.

c.) The Model 37 is FM Approved for mounting on steel or concrete

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Model No	Description	Hanger Rod Size, in (mm)	Nominal Pipe Size	
			in	(mm)
MACROFIX PLUS NI 429	Clamp Hanger	3/8 (10)	3/4 through 2	(20 through 50)
HDN	Heavy Duty Pipe Clamp	M10	3/4, 1, 1 1/4, 1 1/2, 2	(20, 25, 32, 40, 50)
HDN	Heavy Duty Pipe Clamp	M12/M10	2 1/2, 3, 4	(65, 80, 100)
HDN	Heavy Duty Pipe Clamp	M16/M12	5, 6	(125, 150)
HDN-HD	Heavy Duty Pipe Clamp	M10	3/4, 1, 1 through 1/4, 1 through 1/2, 2	(20, 25, 25 through 8, 25 through 15, 50)
HDN-HD	Heavy Duty Pipe Clamp	M12/M10	2 1/2, 3, 4	(65, 80, 100)
HDN-HD	Heavy Duty Pipe Clamp	M16/M12	5, 6	(125, 150)



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